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Hitachi Construction Machinery Co., Ltd.

**Zaxis245USLC-6N Hitachi Excavator**  
**PIN:HCMDFD60\_\_0700001-**



**JOHN DEERE**

## **PARTS CATALOG**

**Zaxis245USLC-6N Hitachi Excavator**

**PIN:HCMDFD60\_\_0700001-**

**PC15041 (Jun-21) English**

**Worldwide Construction and Forestry Division**

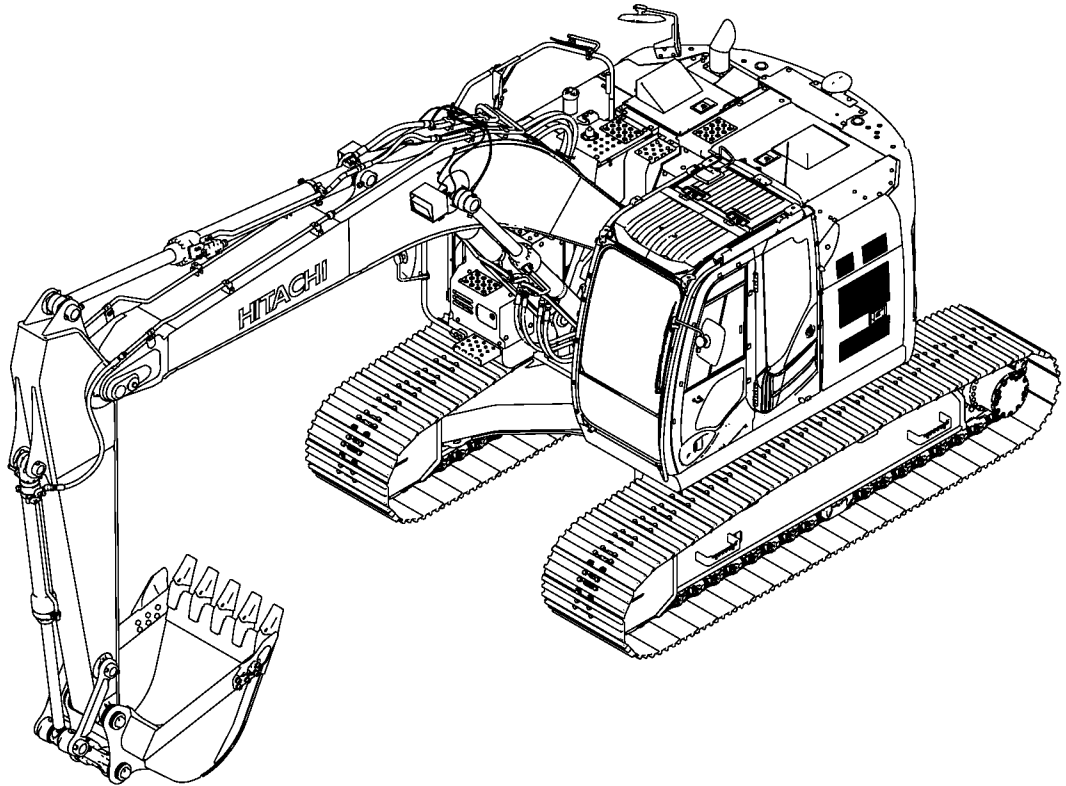
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## Zaxis245USLC-6N Hitachi Excavator

TX1214391 A.1



TX1214391

*Zaxis245USLC-6N Hitachi Excavator*

*(Manufactured 2016–)*

*(Engine 4HK1XASA02A)*

*(Engine 4HK1XASA12A)*

*(Specifications and design are subject to change without notice)*

## To The Customer

The part numbers in this Parts Catalog were correct at the time of publication. Per John Deere policy, we continuously improve our products. Therefore, when ordering parts verify the part numbers with your dealer.

## SI Units of Measure

Metric dimensions are provided as applicable throughout this parts catalog.

## Bolt and Cap Screw Strength Identification

Bolts and cap screws required to have high-strength qualities equivalent to metric property class 10.9 (SAE grade 8) or higher are identified throughout this catalog by the description 10.9, 12.9 or 14.9. All standard bolts and cap screws are metric property class 8.8 (SAE grade 5) or lower.

## Serial Number Listing Information

Serial number information is listed to show on which machines each part can be used; for example:

- **The part can be used on all products.**
- 000000** -       **The part can be used on products beginning with the serial number listed.**
- **000000**   **The part can be used on products up to and including the serial number listed.**
- 000000** - **000000**   **The part can be used on products between and including the serial number listed.**

When XXXXXX's are listed in place of a serial number, a serial number change was made, but the exact serial number was not available at the time of publication.

## Direction Arrow

Arrows are used with illustrations to indicate the front of the unit. "Right-Hand" and "Left-Hand" sides are determined by facing in direction of machine forward travel.

## Box-Enclosed Illustrations

Box-enclosed keyed parts in the illustration are available as a service assembly or an attachment. These parts may also include parts not available for service. The illustrations may not show all individual parts of an attachment. A box not keyed includes non-current parts.

## Complete Goods Listings

Complete Goods are listed in bold face type. Order separately. Do not include on replacement part order.

## Orientation of Engine

Right Hand (RH) and Left Hand (LH) sides are determined by standing at flywheel and facing the engine.

## Serial Number Identification

Each Zaxis245USLC-5N excavator has seven serial number plates: A product identification number plate, an engine serial number plate, a hydraulic pump serial number plate, a left-hand travel device serial number plate, a right-hand propel motor serial number plate, a swing motor serial number plate and a control valve serial number plate.

The product identification plate is located at the front of the upperstructure to the right of the cab.

The engine serial number plate is located on the right side of the cylinder block near the starter.

The hydraulic pump serial number plate is located near the front of the hydraulic pump

The left travel device serial number plate is located on the right-hand of the motor

The right travel device serial number plate is located on the left-hand of the motor.

The swing motor serial number plate is located on the top of the swing motor.

The control valve serial number plate is located on the upper left-hand side of the control valve.

If product identification numbers or serial numbers are required for warranty claims or correspondence pertaining to this product. It is extremely important that all characters be furnished. This point cannot be overemphasized.

## John Deere Remanufactured Components

The REMAN parts listed in this catalog are intended for the repair or replacement of failed or worn original equipment components. John Deere Reman components are manufactured to stringent John Deere standards and produced to original John Deere specifications that incorporates the latest design and performance improvement updates.

### Manual Identifier

*IMPORTANT: Use only supporting manuals designated for your specific machine. If an incorrect manual is chosen, improper parts selection may occur. Verify product identification number (PIN) when choosing the correct manual.*

#### *Choosing the Correct Supporting Manuals*

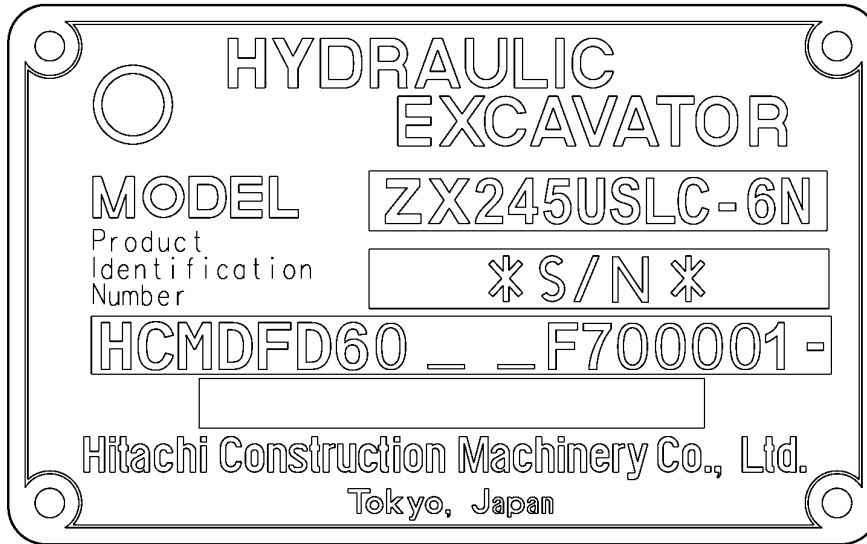
John Deere equipment is available in different machine configurations based on the various markets into which they are sold.

Different supporting manuals exist for different machine configurations.

When necessary, product identification numbers are listed on the front covers of the manuals. These numbers are used to identify the correct supporting manual for your machine.

17 Digit Product Identification Number

TX1214393 B.2



1
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H C M D F D 6 0 \_ \_ F 7 0 0 0 0 1

TX1214393

Key			
1	World Code	HCM	Deere Hitachi
2	Model Identifier	DFD60	Machine Model
3	Check Letter	X	Factory Use Only
4	Year Manufacturing Code	G	Code F.....2015 G.....2016
5	Engine Emissions Code	F	Emissions Level E.....Interim Tier 4 F.....Final Tier 4
6	Machine Serial Number	012345	

Engine Emission Level Identification

Engine Model Number	Emissions Level
ISUZU 4HK1XASA02A	Final Tier 4
ISUZU 4HK1XASA12A	Final Tier 4

## Trademarks

Throughout this parts catalog, you may find the following Deere and Company trademarks:

Best Bid™	CounterParts™	DEERE™ (Deere™)
Dura-Trax™	Fanggs™	Guardian™
HTH™	Jagz™	JDLink™
MARKS™	MIC™ [Machine Information Center]	MTH™
Power Curve™	PowerIel™	PowerShift Plus™
Powerwize™	POWR SAVR™	PowrShift™
ProPath™	Quad-Cool™	Quik-Tatch™
SC-2™	Side-Tracker™	Stinger™
StructureALL™	Swamper™	TMC™ [Total Machine Control]
ValueSelect™	Waratah™	Worksite Pro™
FlexBox™	Funk™	iTorque™
Phoenix™	Phoenix International™	PowerTech™
PowerTech™ E	PowerTech™ M	PowerTech™ Plus
Precision Joint™	SHIFT-O-MATIC™	SWEDA™ (Super Wide Extreme Dual Axle)
TeamMate™	TeamMate™ II	TeamMate™ IV
TMII™	TMIII™	

### Remarks and Abbreviations

The following remarks and abbreviations may appear throughout this parts catalog. Refer to the following table for translations.

Phrase	Meaning	Phrase	Meaning
ALSO ORDER, ORD W/	Also Order	MFWD	Mechanical Front Wheel Drive
AMP	Ampere	NA, NOT USED THIS APPL	Not used in this application
APPL, APPL ONLY	This application only	NLA	No longer available
AR	As required	NSEP	Not available separately
ASSY	Complete assembly	OD	Outside diameter
BOAC	Bolt-on cutting edge	OPTIONAL	Optional
CCW	Counterclockwise	OR	Or
COMPLETE	Complete	ORD, ORDER	Order
COMPLETE GOODS	Complete goods	OS	Oversize
CONVENIENCE ASSY, CA	Convenience assembly	OUTER	Outer
CTL, CUT TO LENGTH	Cut to length	PKG, PACKG	Package, Packet of
CW	Clockwise	PTO	Power Take Off
ENGINE	Engine	RATIO	Ratio
FOR	For	REAR	Rear
FRONT	Front	REMAN	Remanufactured
GAS	Gasoline	REPL	Replaces
HFWD	Hydraulic Front-Wheel Drive	RH	Right-hand
HP	Horsepower	SN	Serial number
HS, HEAD MARKED	High Strength, head marked	STD	Standard
ID	Inside diameter	SUB	Replaced by
INCH	Inch	SUB COMPONENTS	Substitute components (of the kit or assy)
INCL KEYS	Includes keys...	SUB FOR	Substitutes for
INCL, INCLUDES	Includes...	TEETH, Z	Number of gear teeth
INCLUDES PARTS/ ITEMS MARKED	Includes parts/items marked...	TK	Thickness
INNER	Inner	UP, UPPER	Upper
KIT	Kit	US	Undersize
L	Number of links	USE UNTIL EXHAUSTED	Use until exhausted
LF, LINE FILL	Line Fill	USE WITH	Use with
LGP	Low Ground Pressure	VEC	Vehicle Electronic Controller
LGTH	Length	VLC	Vehicle Load Center
LT	Long Track	WHOLE GOODS	Whole Goods
MAKE FROM, MF	Make from	WT	Wide Tracks
MARKED	Marked	XLT	Extra Long Track
MATCHED SET	Matched set		

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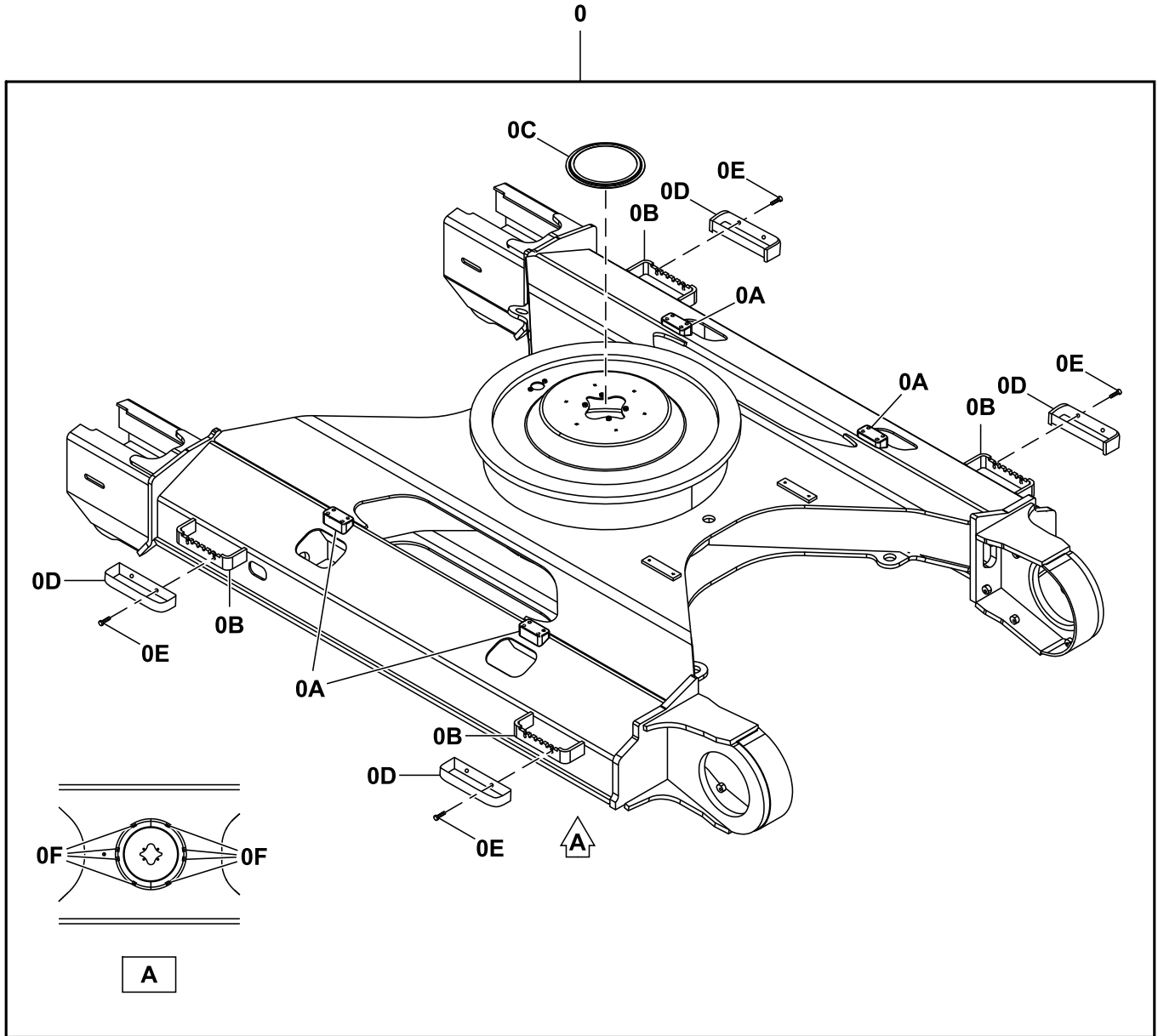
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Track Frame

TX1210879 B.1



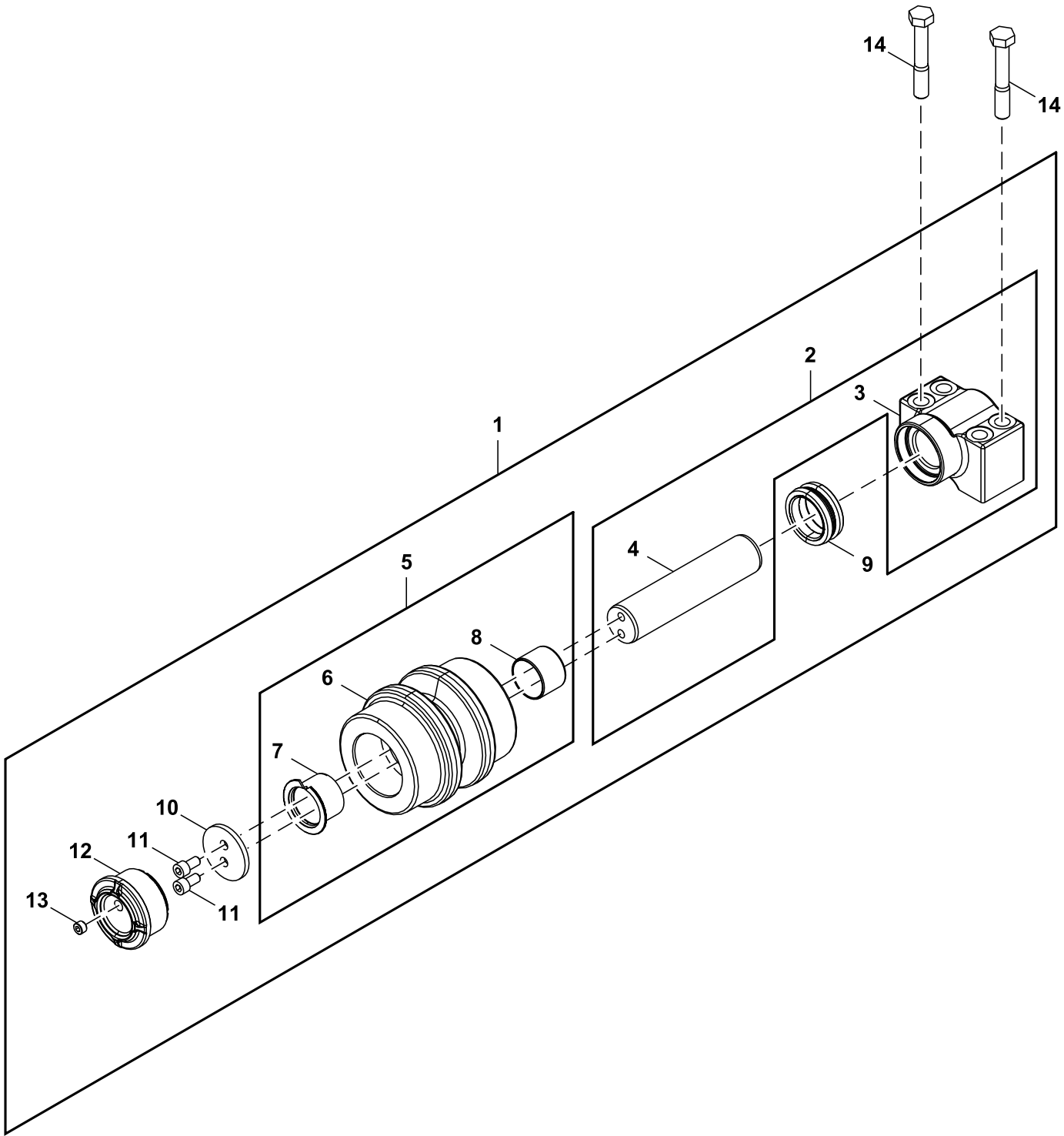
TX1210879

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	.....	Frame	1		FYA40026456 NLA
0A	3103979	Bracket	4		
0B	4447430	Step	4		
0C	4477681	Cover	1		
0D	9755978	Step	4		
0E	.....	Screw With Washer	1		J281240 NLA
	19M7493	Cap Screw	8		M12 X 40, SUB FOR J901240
	4249324	Washer	8		
0F	4156540	Retainer	8		



Carrier Roller

TX1211774 B.1

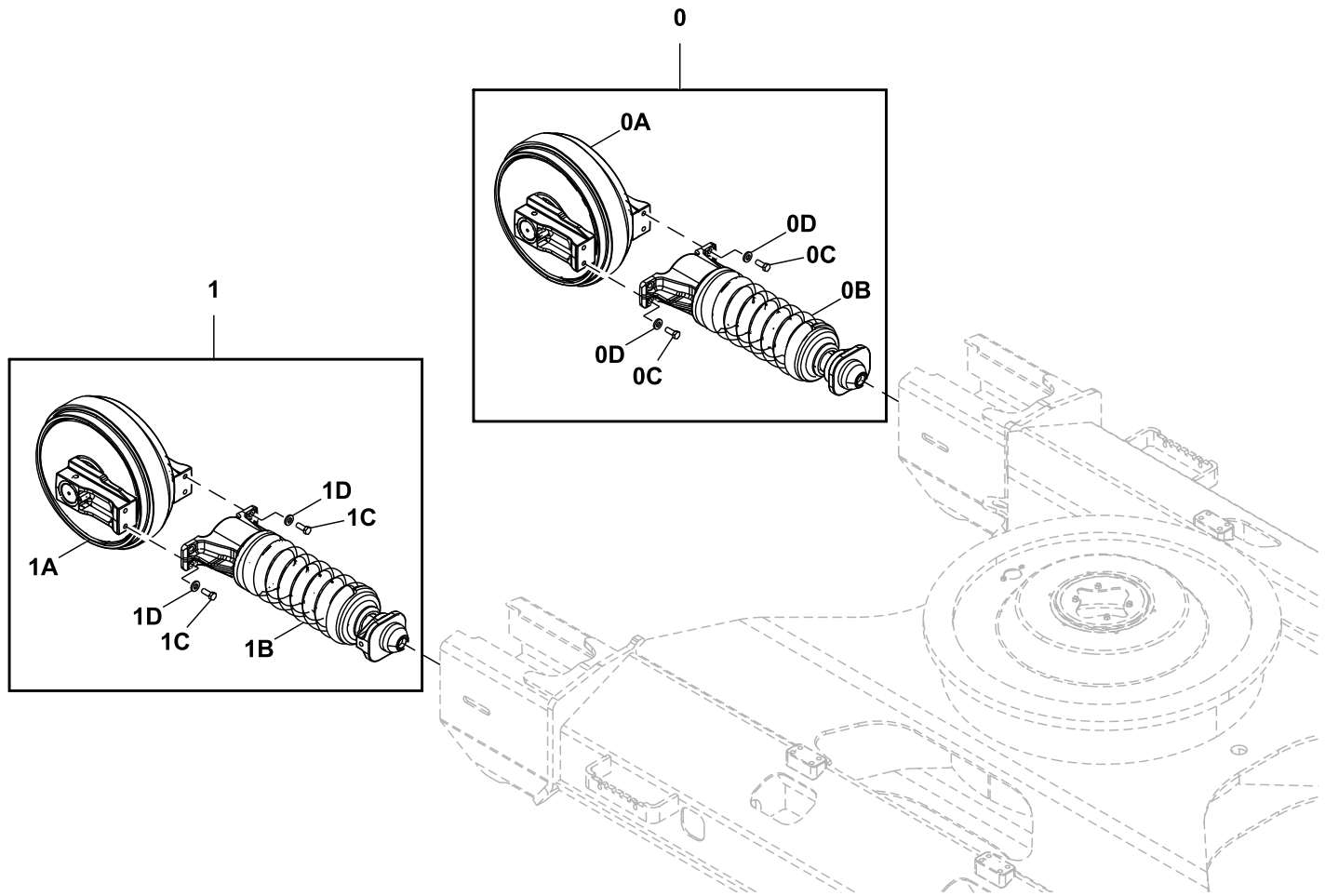


TX1211774

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
1	FYA60024620	Roller	1		SUB FOR FYA60038399
2	.....	Bracket	1		FYA60024850 NLA
3	.....	Bracket	1		FYA00029376 NLA
4	3101035	Shaft	1		
5	.....	Roller	1		FYA60038400 NLA
6	.....	Roller	1		FYA40018587 NLA
7	3115657	Roller	1		
8	3115658	Bushing	1		
9	4317584	Seal	1		
10	.....	Retainer	1		FYA00041389 NLA
11	M351020	Bolt	2		
12	3101117	Cover	1		
13	4315607	Plug	1		
14	J931600	Cap Screw	4		

Track Roller

TX1116913 B.1

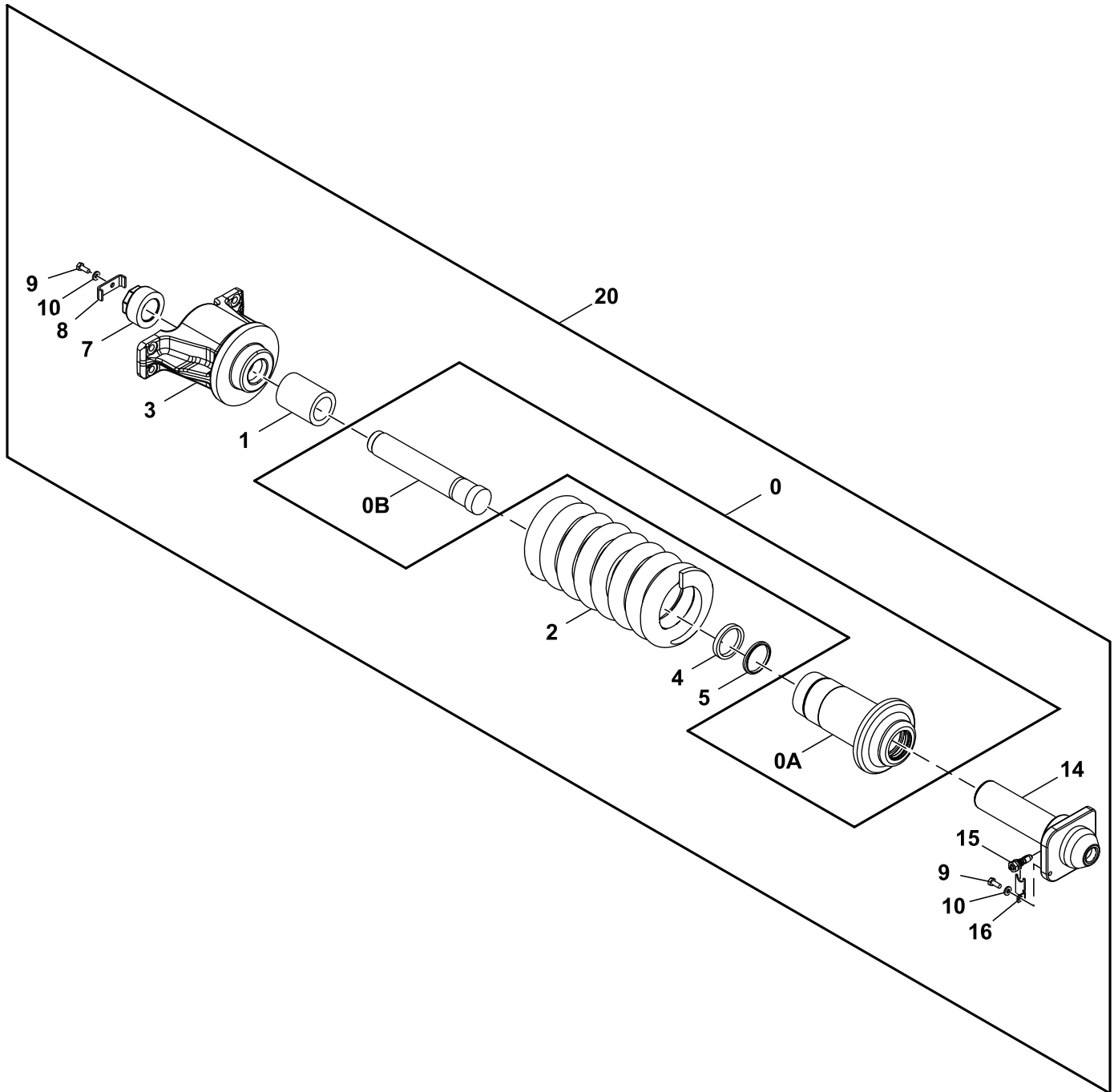


TX1116913

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	.....	Spring	1		9303907 NLA
0A	9303011	Idler	1		
0B	9303132	Adjuster	1		
0C	19M7489	Cap Screw	4		M16 X 45, SUB FOR J921645
0D	24M7338	Washer	4		17 X 30 X 3 mm, SUB FOR J222016
1	.....	Spring	1		9303908 NLA
1A	9303011	Idler	1		
1B	9303132	Adjuster	1		
1C	19M7489	Cap Screw	4		M16 X 45, SUB FOR J921645
1D	24M7338	Washer	4		17 X 30 X 3 mm, SUB FOR J222016

Track Chain Adjuster

TX1210509 A.1

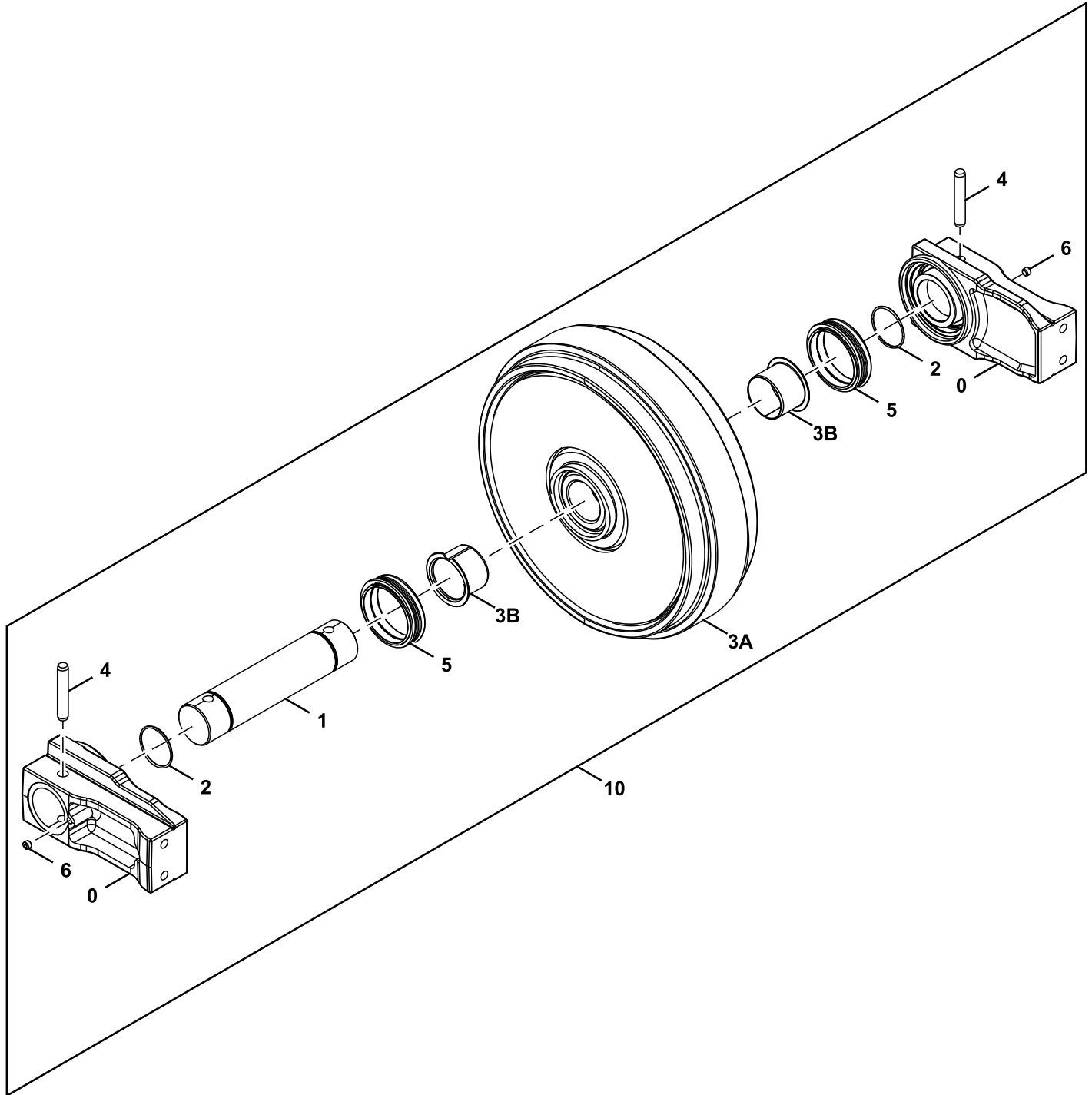


TX1210509

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	.....	Cylinder	1		ORDER 2051413 AND 9243392R, 9303131 NLA
0A	9243392R	Cylinder	1		SUB FOR 2051413 AND 9243392
0B	3116310	Rod	1		
1	4700480	Spacer	1		
2	FYA00020675	Spring	1		Standard
	FYA00036734	Spring	1		Rust Prevention
3	1036337	Yoke	1		
4	4412826R	Seal	1		SUB FOR 4412826
5	4412827R	Seal	1		SUB FOR 4412827
7	4700483	Nut	1		
8	4700509	Bracket	1		
9	19M7402	Cap Screw	2		M10 X 25, SUB FOR J921025
10	24M7346	Washer	2		11 X 20 X 2 mm, SUB FOR J222010
14	7060543	Piston	1		
15	FYA00026375	Valve	1		SUB FOR FYA00020592
16	4724586	Bracket	1		
20	9303132	Adjuster	1		

Track Chain Idler

TX1116917 B.1



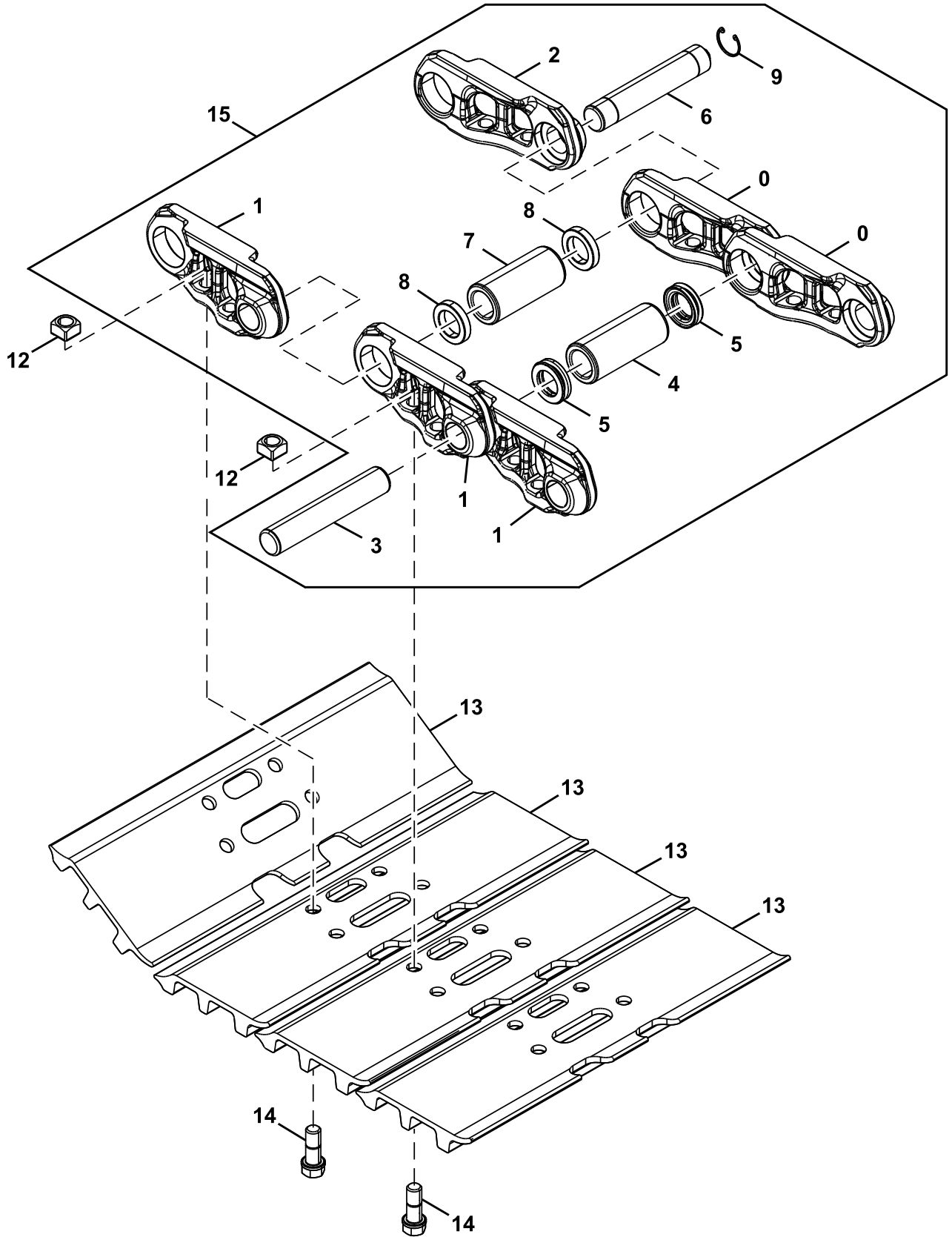
TX1116917

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	1036320	Bracket	2		
1	3070162R	Axle	1		SUB FOR 3070162
2	AT180019	O-Ring	2		SUB FOR A810070
3A	9302938	Idler	1		SUB FOR 7056850
3B	3103096R	Bushing	2		SUB FOR 3103096
4	4126209R	Pin	2		SUB FOR 4126209
5	AT180017	Seal	2		SUB FOR 4153731
6	942011	Fitting Plug	2		SUB FOR 94-2011 AND 4315607
10	9303011	Idler	1		



Track Chain Assembly

TX1117949 A.1

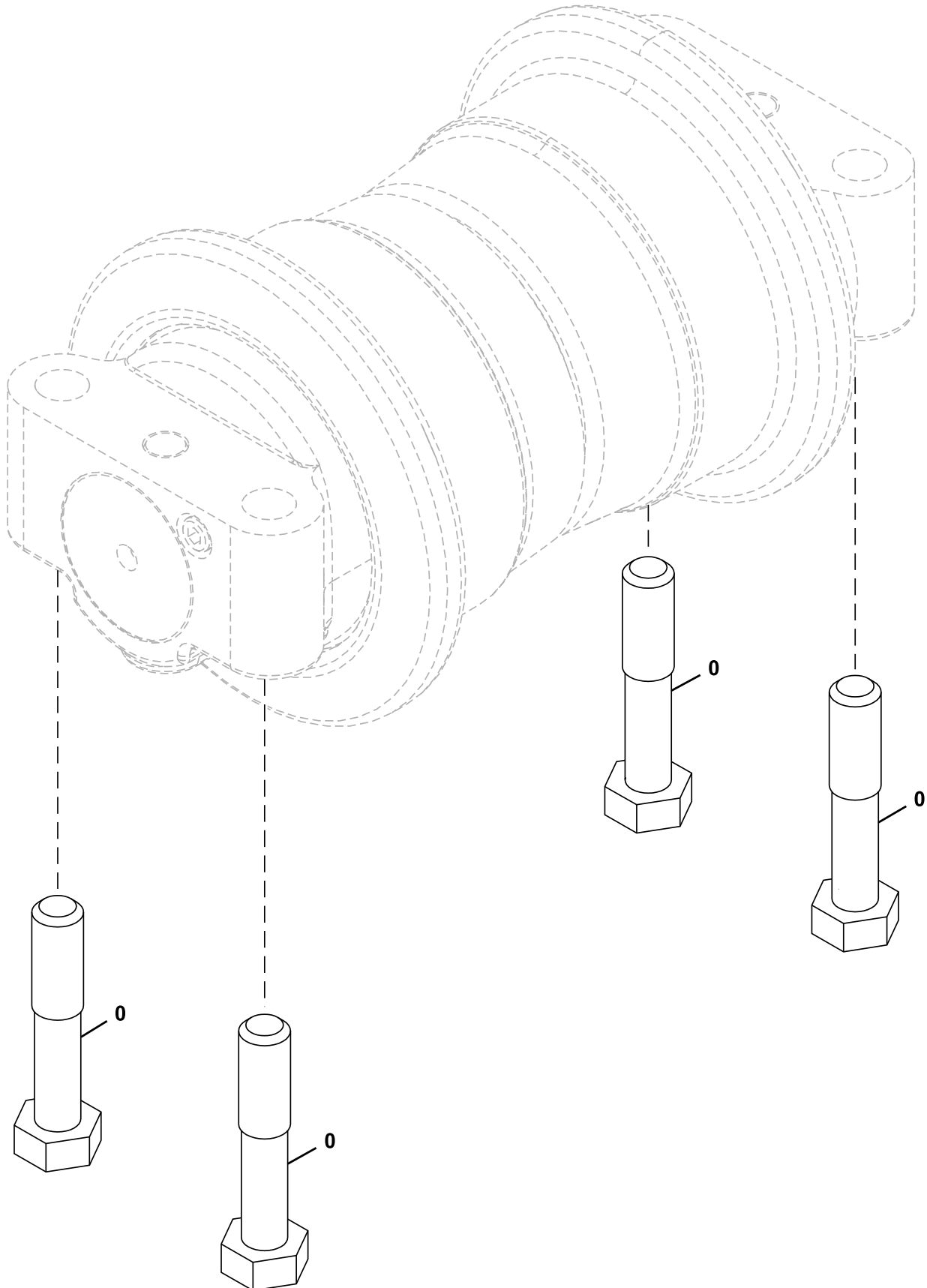


TX1117894

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	0005251R	Track Link	48		SUB FOR 0005251, RH
1	0005252R	Track Link	49		SUB FOR 0005252, LH
2	4633367R	Master Track Link	1		SUB FOR 4633367
3	AT166672	Track Pin	48		SUB FOR 4314671
4	FF550704	Bushing	48		SUB FOR 4386609 AND AT186162
5	AT186161	Seal	96		SUB FOR 4408124
6	AT166673	Pin Fastener	1		Master Track Pin, SUB FOR 4267743
	3112038	Pin	1		Master Track Pin, Oversized
7	AT213901	Bushing	1		Master Track Bushing, SUB FOR 4345302
8	AT219471	Spacer	2		Master Track Seal, SUB FOR 4379310
9	TH109769	Ring	1		SUB FOR 4192666
12	T139615	Nut	196		SUB FOR 4255638
13	2051741	Double Bar Shoe	49		
	AT219482	Open Center 3 Bar Shoe	49		600 mm, SUB FOR 2030005
	AT219483	Open Center 3 Bar Shoe	49		700 mm, SUB FOR 2025187
	AT219484	Open Center 3 Bar Shoe	49		800 mm, SUB FOR 2017550
	4405322	Shoe	49		Rubber
14	4631640	Bolt	196		SUB FOR T139614 AND 4659287
15	FF550746	Track Chain W/O Shoes	1		SUB FOR 9250500 AND 9250500R

Lower Roller Mounting

TX1117437 A.1



TX1117437

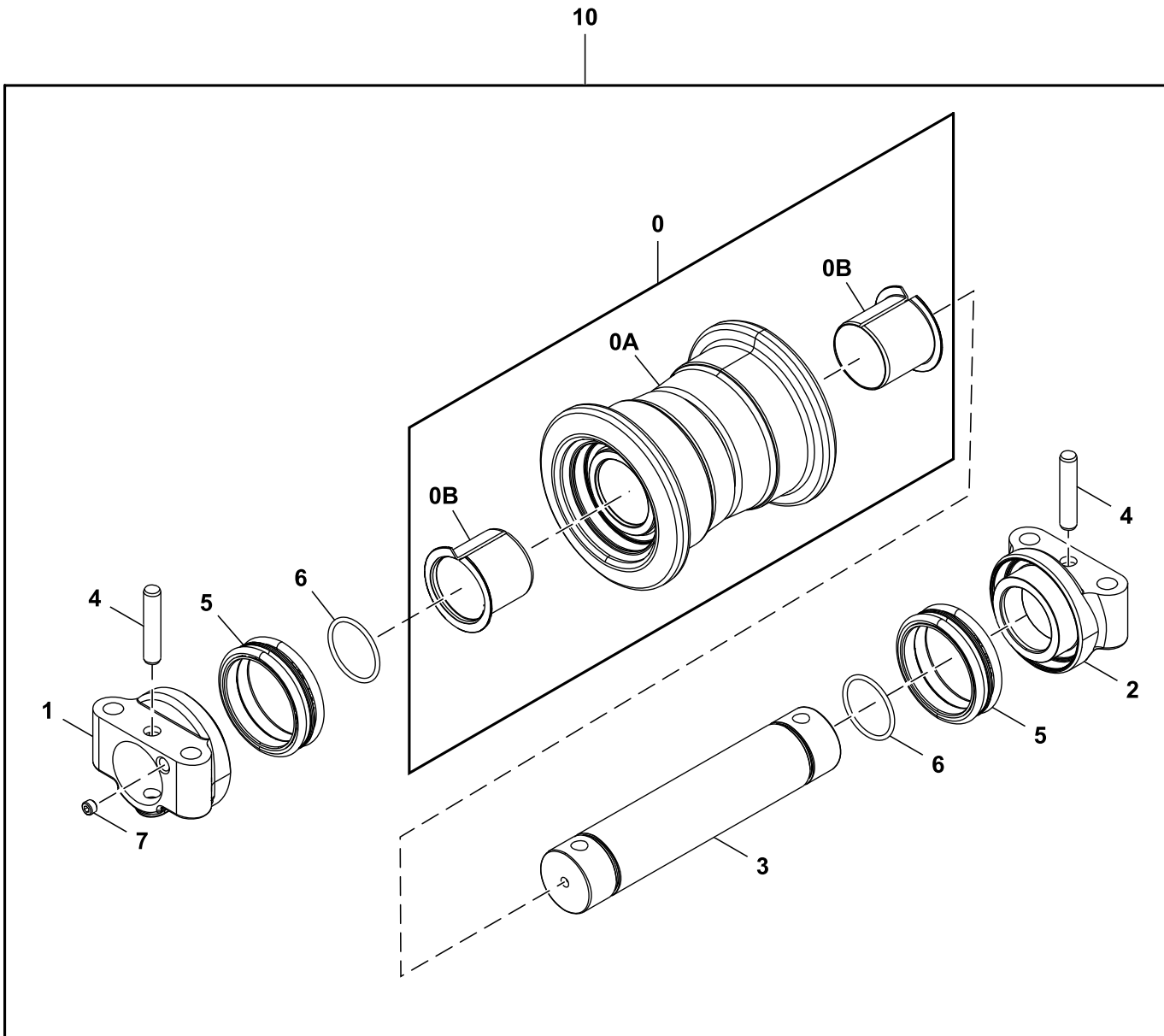
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<i>Key</i>	<i>Part No.</i>	<i>Part Name</i>	<i>Qty.</i>	<i>Serial No.</i>	<i>Remarks</i>
0	4331851	Cap Screw	56		Standard
	4331851	Cap Screw	64		Long Carriage

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Lower Track Chain Roller

TX1211124 A.1

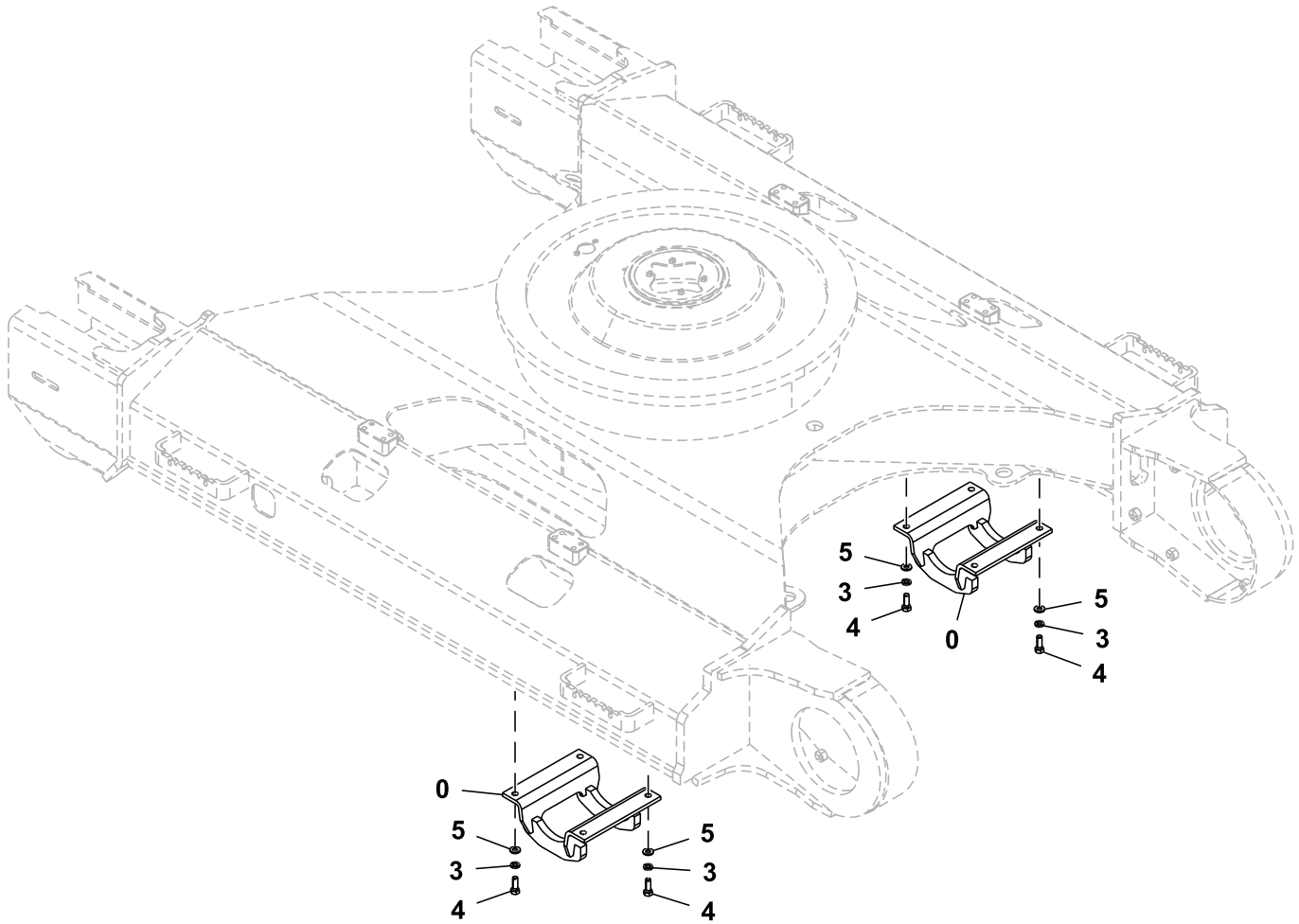


TX1211124

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	.....	Roller	1		FYA60010561 NLA
0A	.....	Roller	1		FYA40009375 NLA
0B	3033179	Bushing	2		
1	.....	Locking Collar	1		FYA00013961 NLA
2	.....	Locking Collar	1		FYA00013962 NLA
3	.....	Axle	1		3116095 NLA
4	4372461	Pin Fastener	2		
5	4317586	Seal	2		
6	4372462	O-Ring	2		
7	4372463	Plug	1		
10	FYA60010560	Roller	16		

Track Guard, Center

TX1211062 A.1



TX1211062

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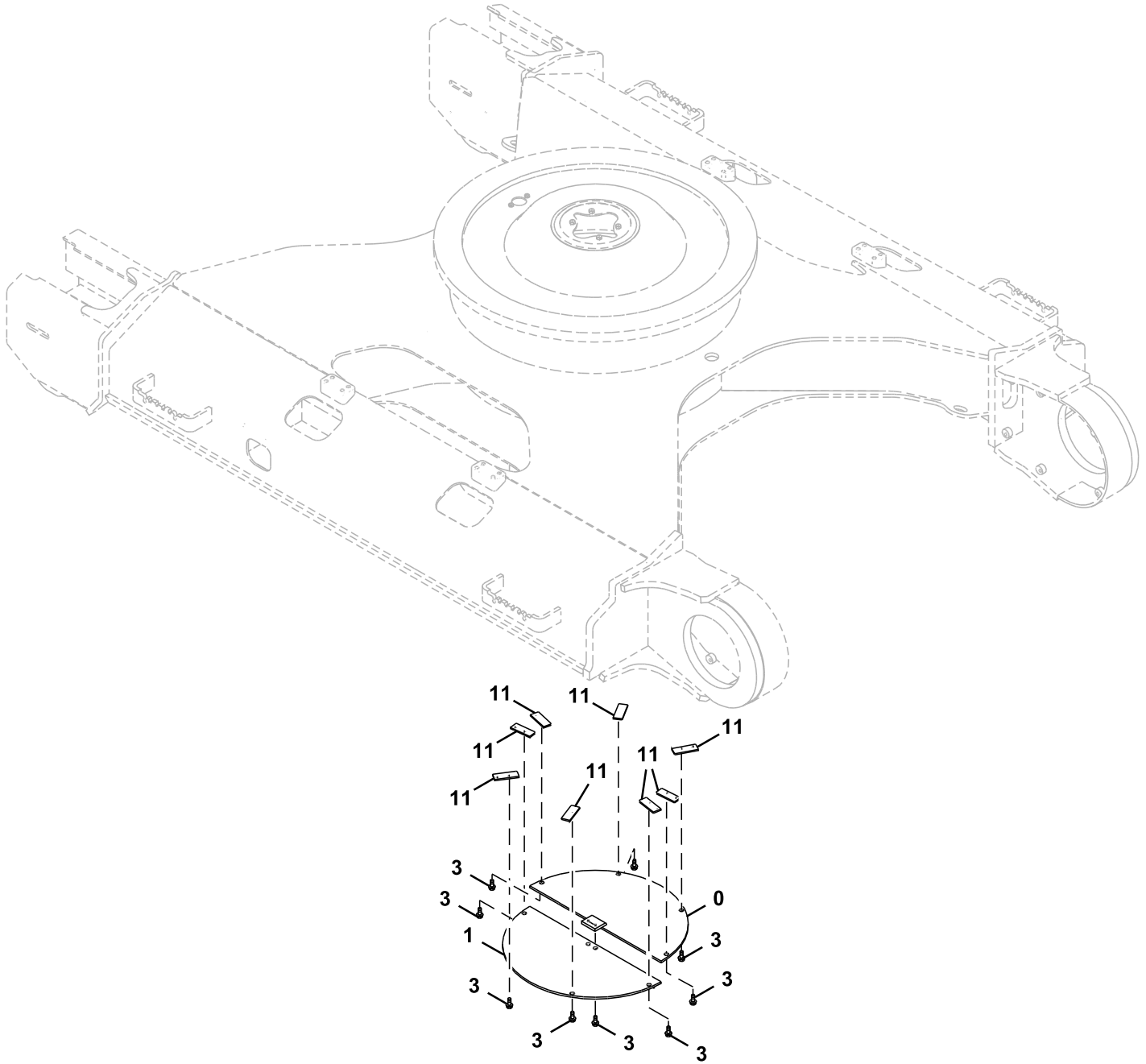
Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	8097015	Guard	2		
3	12H236	Lock Washer	8		3/4" SUB FOR A590918
4	19M8232	Cap Screw	8		M18 X 50, SUB FOR 4252880
5	4114406	Washer	8		

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Track Frame Bottom Cover

TX1117892 A.1

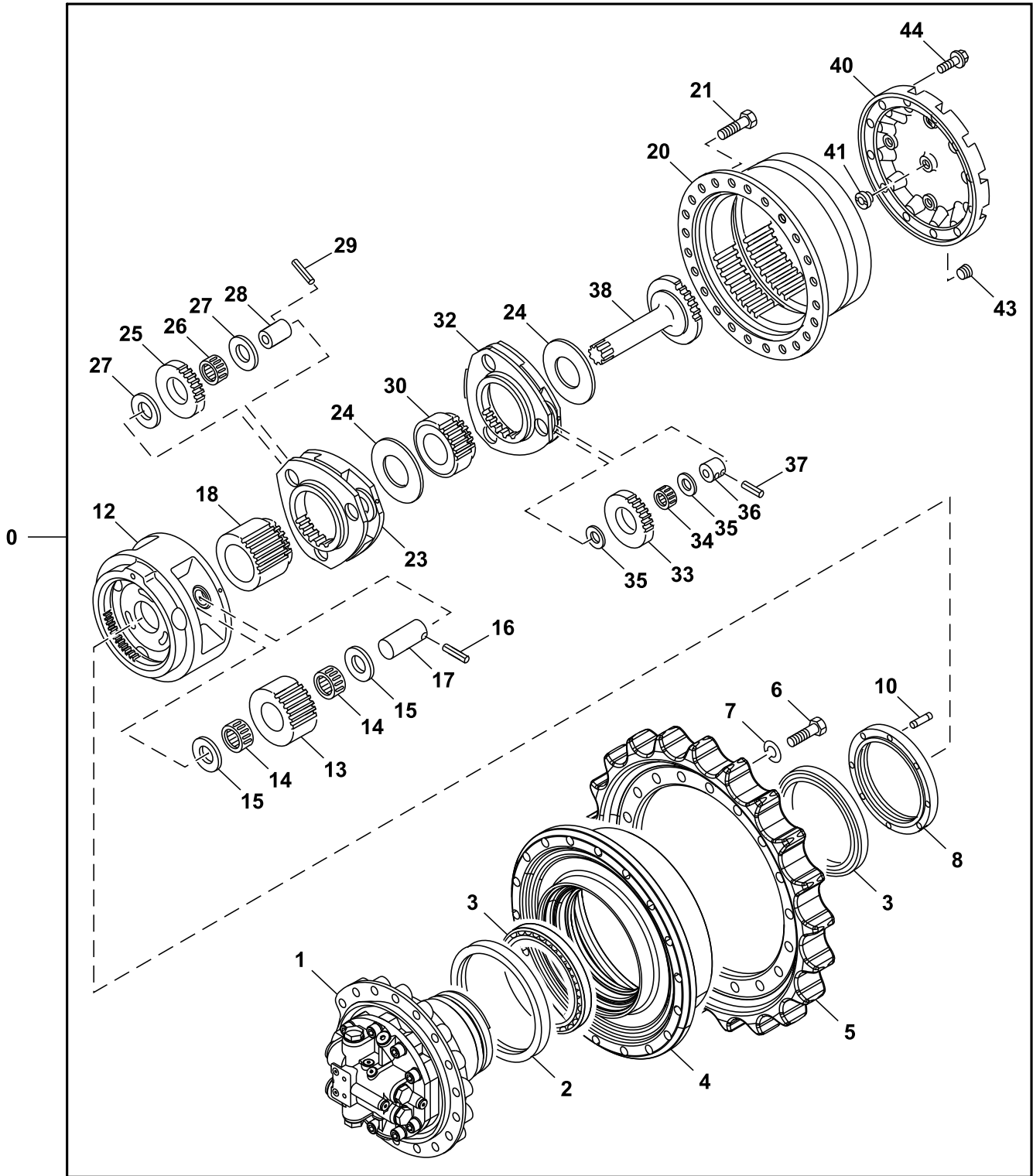


TX1117892

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	9738383	Cover	1		
1	9738384	Cover	1		
3	.....	Screw With Washer	10		J271230 NLA
	19M8011	Cap Screw	10		M12 X 30, SUB FOR J901230
	24M7345	Washer	10		13.500 X 24 X 2.500 mm, SUB FOR J222012
11	4156540	Retainer	8		

Travel Motor Gear Case Components

TX1212689 A.1

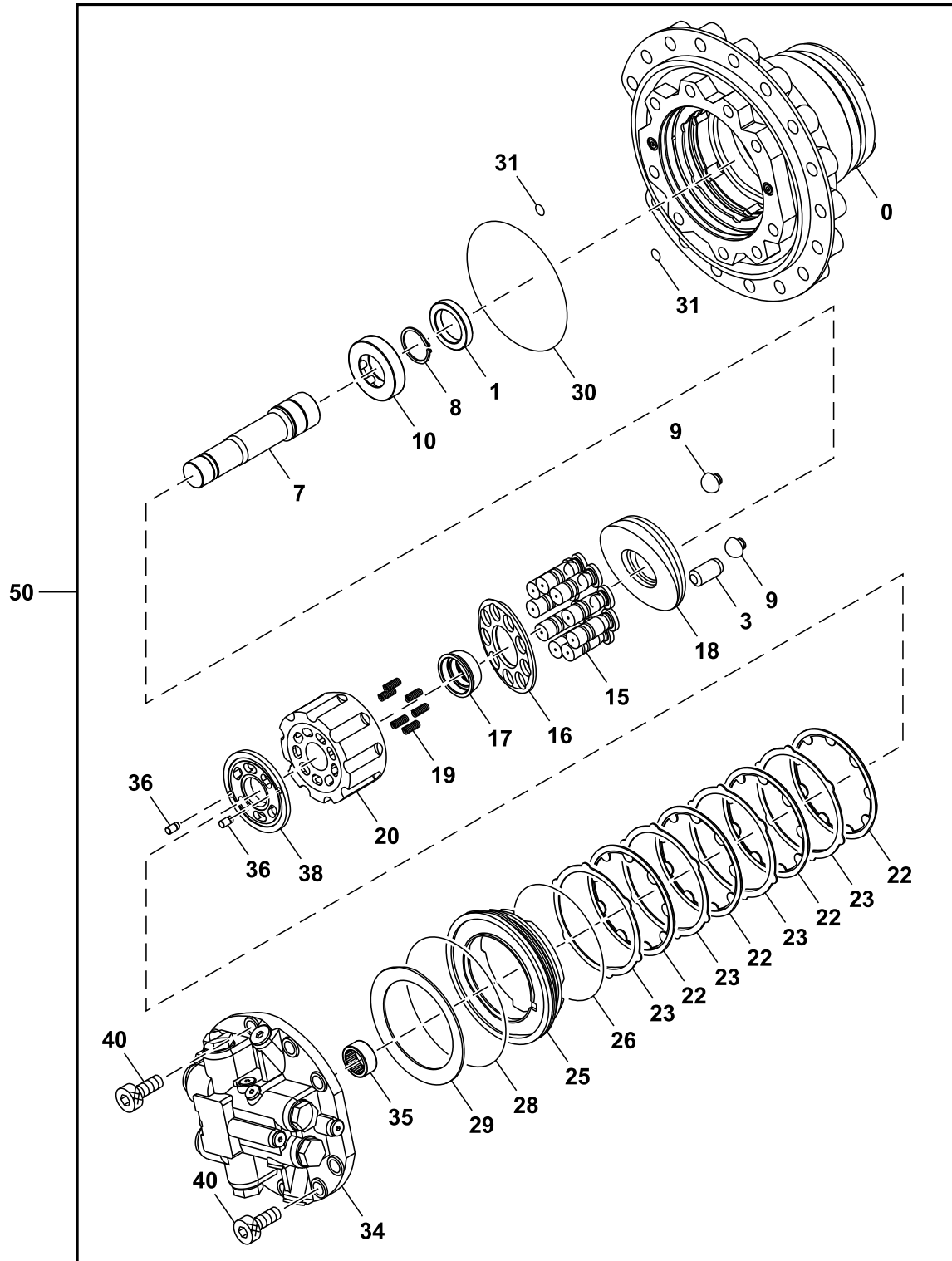


TX1212689

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	FYB60001965	Device	1		Travel Motor
1	FYB60001896	Motor	1		Travel Motor, Components On Separate Page
2	FYB00000549	Seal	1		
3	4697840	Bearing	2		
4	1033090	Drum	1		
5	1033091	Chain Sprocket	1		
6	19M8002	Cap Screw	18		M20 X 55, SUB FOR J932055
7	A590920	Lock Washer	18		
8	3086531	Ring	1		
10	4436242	Pin Fastener	1		
12	1025875	Planet Pinion Carrier	1		
13	3084353	Gear	3		
14	4713899	Bearing	6		SUB FOR 4438593
15	4284521	Shim	6		0.77 mm (0.03 in.)
16	34M7133	Spring Pin	3		8 X 70 mm, SUB FOR 4116309
17	4315838	Pin Fastener	3		
18	3082156	Sun Gear	1		
20	1037164	Housing	1		
21	19M7488	Cap Screw	24		M16 X 40, SUB FOR J931640
23	2042432	Planet Pinion Carrier	1		
24	4401293	Spacer	2		
25	3082155	Gear	3		
26	4438592	Needle Bearing	3		
27	4192982	Plate	6		
28	4402086	Pin Fastener	3		
29	4192020	Spring Pin	3		
30	3082149	Sun Gear	1		
32	2050691	Carrier Roller	1		
33	3100544	Gear	3		
34	4406589	Needle Bearing	3		
35	4192910	Plate	6		
36	FYB00000839	Pin	3		
37	4173093	Spring Pin	3		
38	2050692	Shaft	1		
40	FYB00002882	Cover	1		SUB FOR 2034833
41	4478346	Pin	1		
43	942013	Fitting Plug	3		SUB FOR 4245797
44	19M8011	Cap Screw	12		M12 X 30, SUB FOR 4699148

Travel Motor Components

TX1212700 A.1

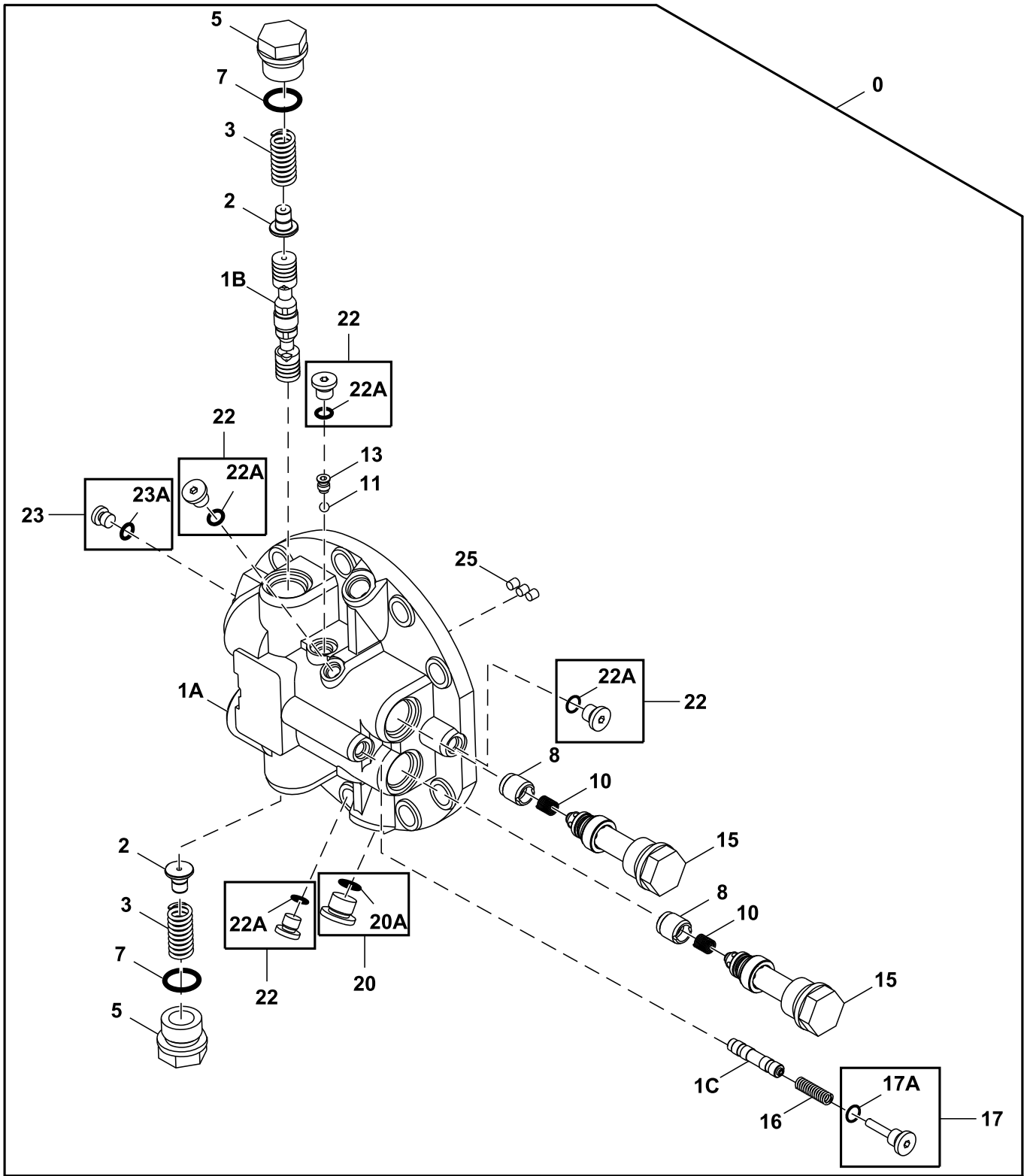


TX1212700

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	.....	Housing	1		1031123 NLA
1	4613831	Seal	1		
3	4601724	Piston	1		
7	2049166	Universal Driveshaft	1		
8	40M7047	Snap Ring	1		SUB FOR 959499
9	4600108	Pin	2		
10	TH4600133	Roller	1		SUB FOR 4600133
15	8099321	Piston	9		
16	3081570	Retainer	1		
17	4397757	Bushing	1		
18	2049256	Swash Plate	1		
19	4396747	Spring	6		
20	2051451	Rotor	1		SUB FOR 2052977
22	FYB00002175	Plate	4		
23	FYB00002174	Plate	4		
25	3081595	Piston	1		
26	4396775	O-Ring	1		
28	4396774	O-Ring	1		
29	3081594	Spring	1		
30	4420958	O-Ring	1		
31	4506415	O-Ring	2		
34	9260003	Valve	1		Brake Valve, Components On Separate Page
35	4631910	Needle Bearing	1		
36	4630921	Dowel Pin	2		
38	3106481	Plate	1		
40	M341850	Bolt	9		
50	FYB60001896	Motor	1		

Travel Motor Brake Valve Components

TX1095344 B.1



TX1095344

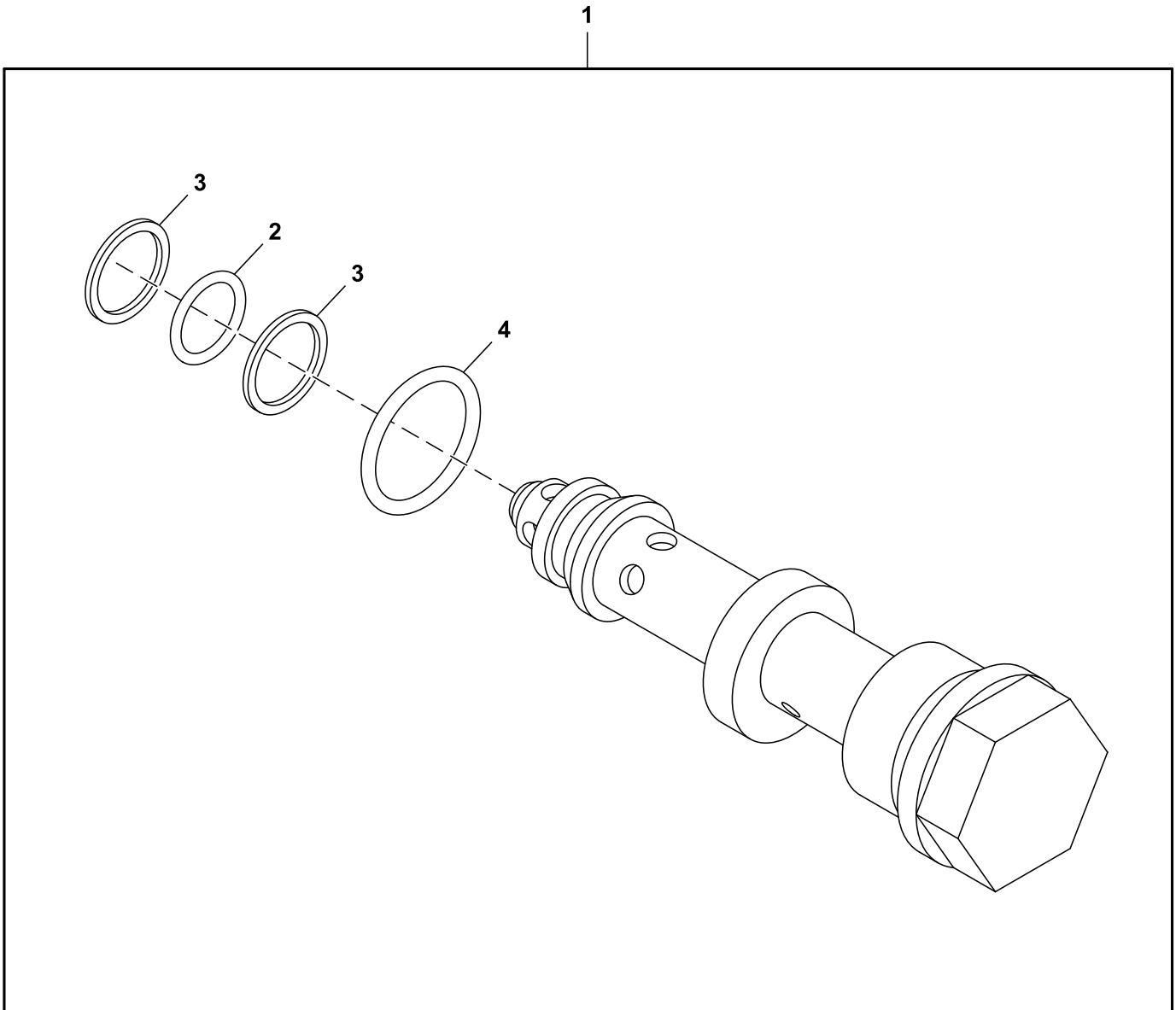
1 — 1A,1B,1C

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	9260003	Valve	1		Travel Motor Brake Valve
1	8099406	Case	1		
1A	.....	Manifold	1		NSEP
1B	.....	Valve Spool	1		NSEP
1C	.....	Valve Spool	1		NSEP
2	4602024	Spool	2		
3	4409389	Spring	2		
5	4229631	Drain Plug	2		
7	TH101926	O-Ring	2		28.700 X 3.500 mm (1.130" X 0.138"), SUB FOR 4506429
8	4397022	Poppet	2		
10	4396771	Spring	2		
11	R26552	Ball	1		7.938 mm (5/16"), SUB FOR 4509493
13	4398281	Seat	1		
15	9185757	Pressure Relief Valve	2		Travel Motor Crossover Relief Valve, Components On Separate Page
16	4297257	Compression Spring	1		
17	9167977	Pipe Plug	1		
17A	957366	O-Ring	1		
20	9134112	Fitting Plug	1		
20A	4506418	O-Ring	1		
22	9134110	Fitting	4		
22A	957366	O-Ring	1		
23	9134109	Drain Plug	1		
23A	4506408	O-Ring	1		
25	15H560	Pipe Plug	3		1/16", SUB FOR 4050968



Travel Motor Crossover Relief Valve Components

TX1161267 B.1



TX1161267

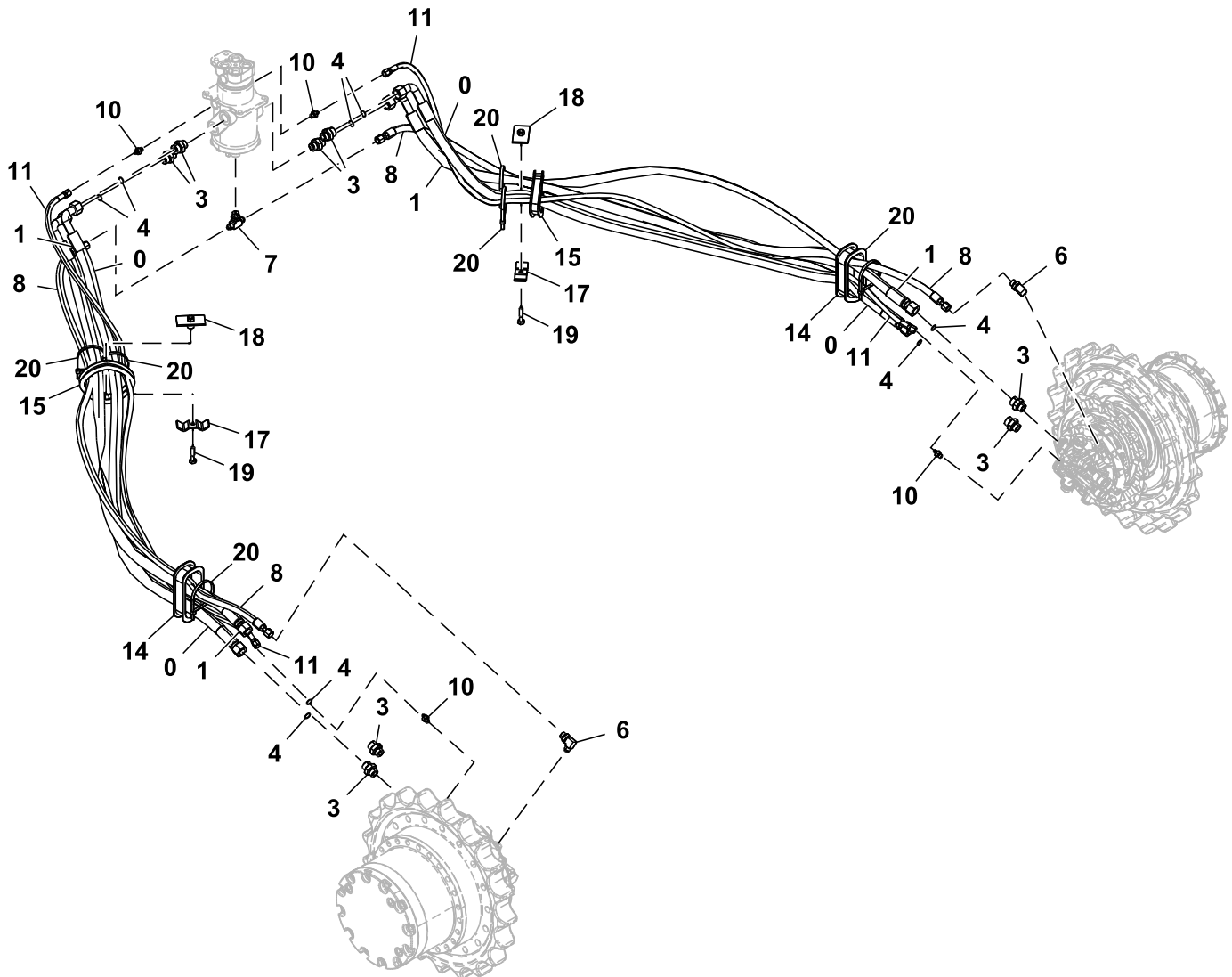
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<i>Key</i>	<i>Part No.</i>	<i>Part Name</i>	<i>Qty.</i>	<i>Serial No.</i>	<i>Remarks</i>
1	9185757	Pressure Relief Valve	1		Travel Motor Crossover Relief Valve
2	4506418	O-Ring	1		
3	4033725	Back-Up Ring	2		
4	TH101926	O-Ring	1		SUB FOR 4506429

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Travel Motor Hydraulic Lines

TX1102905 D.1

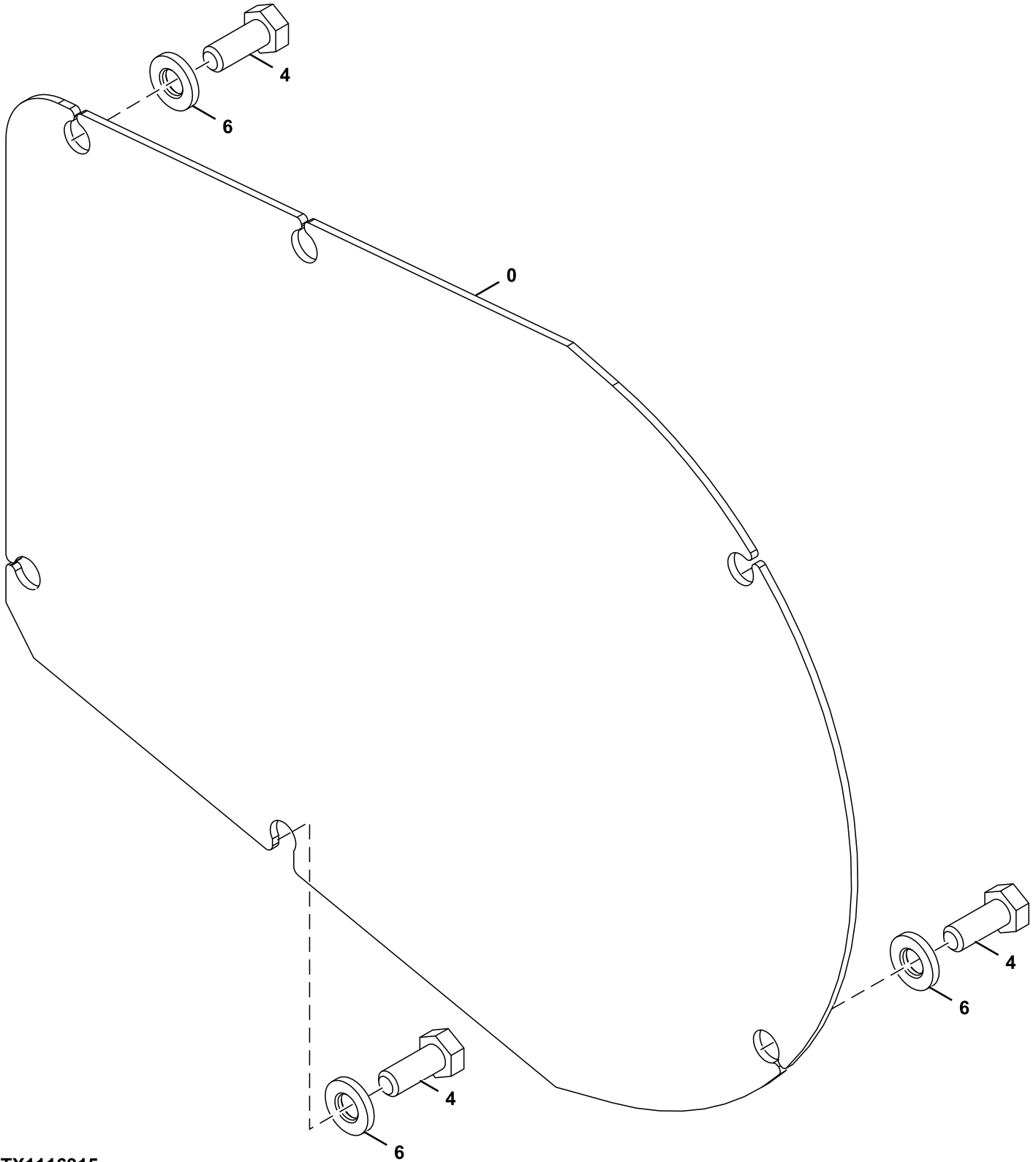


TX1102905

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	4629655	Hose	2		
1	4629656	Hose	2		
3	A853166	Adapter Fitting	8		INCLUDES AT318035
	AT318035	O-Ring	1		SUB FOR 4506424
4	T77858	O-Ring	8		4187308 NLA
6	A852344	Elbow Fitting	2		INCLUDES 4506418
	4506418	O-Ring	1		
7	A852544	Tee Fitting	1		INCLUDES 4506418
	4506418	O-Ring	1		
8	4262927	Hydraulic Hose	2		
10	A852122	Adapter Fitting	4		INCLUDES M800650
	M800650	Packing	1		SUB FOR 957366
11	4447566	Hydraulic Hose	2		
14	4437525	Grommet	2		
15	4428098	Grommet	2		
17	4202103	Clamp	2		
18	9727822	Clamp	2		
19	19M7361	Cap Screw	2		M12 X 50, J901250 NLA
20	H77698	Tie Band	6		SUB FOR 4121859

Travel Motor Cover

TX1116915 A.1



TX1116915

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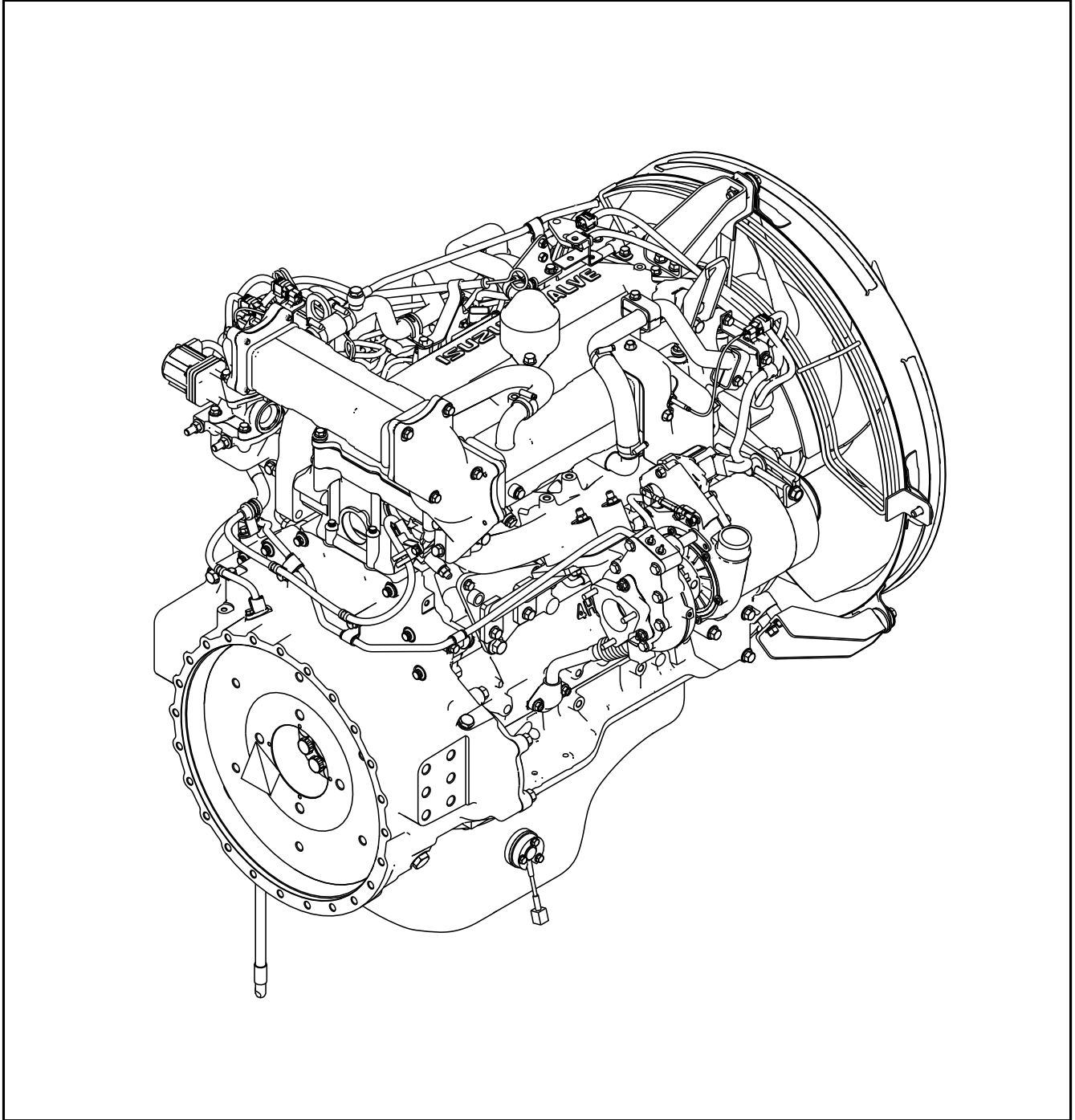
<i>Key</i>	<i>Part No.</i>	<i>Part Name</i>	<i>Qty.</i>	<i>Serial No.</i>	<i>Remarks</i>
0	3116443	Cover	1		
4	19M6332	Cap Screw	6		M14 X 35, SUB FOR J921435
6	J222014	Washer	6		

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Engine

TX1189850 A.1

1



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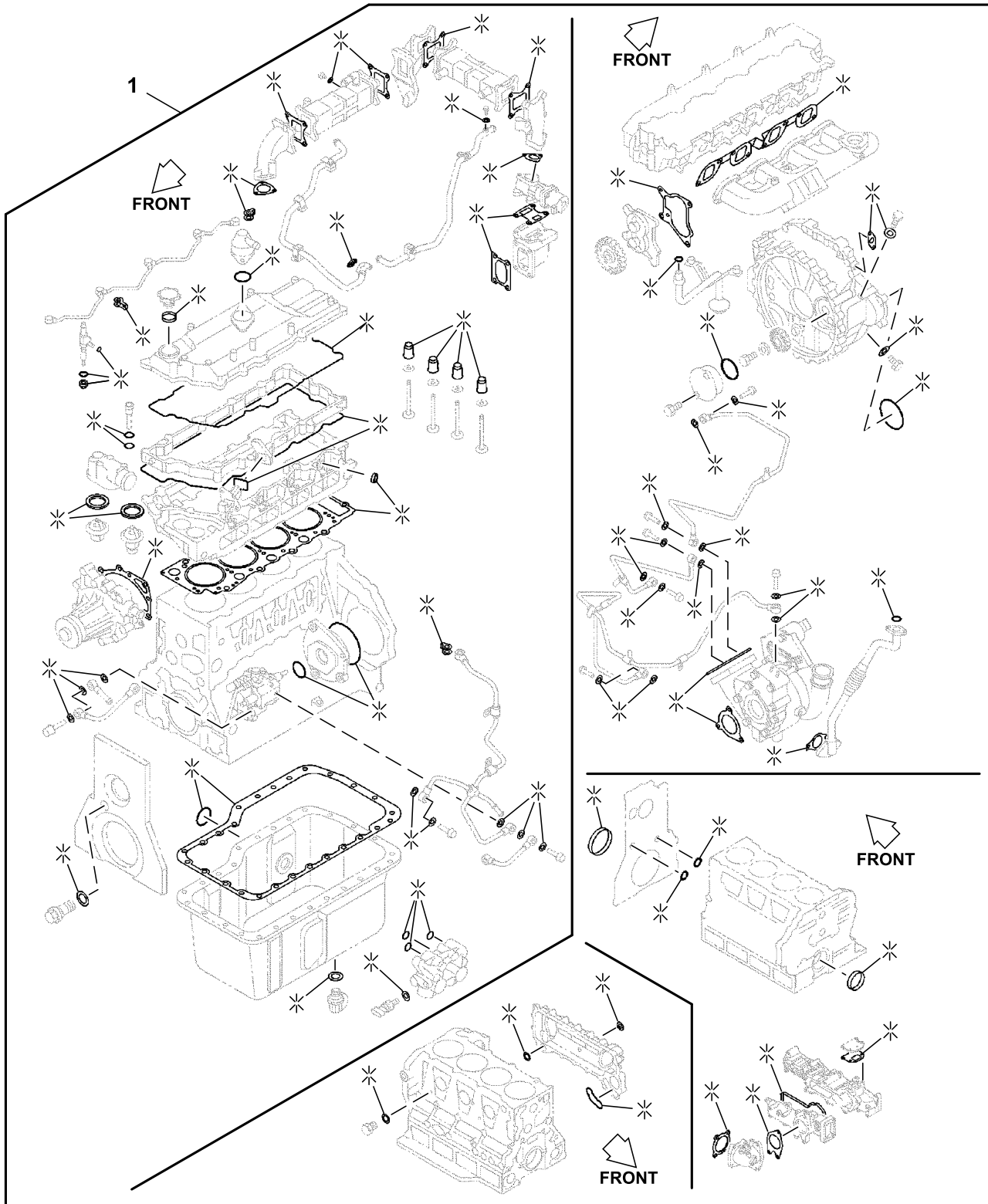
<i>Key</i>	<i>Part No.</i>	<i>Part Name</i>	<i>Qty.</i>	<i>Serial No.</i>	<i>Remarks</i>
1	4HK1XASA02A	Diesel Engine	1		SUB FOR FYA00028489

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0-05 Engine Gasket Kit

TX1172918 A.1



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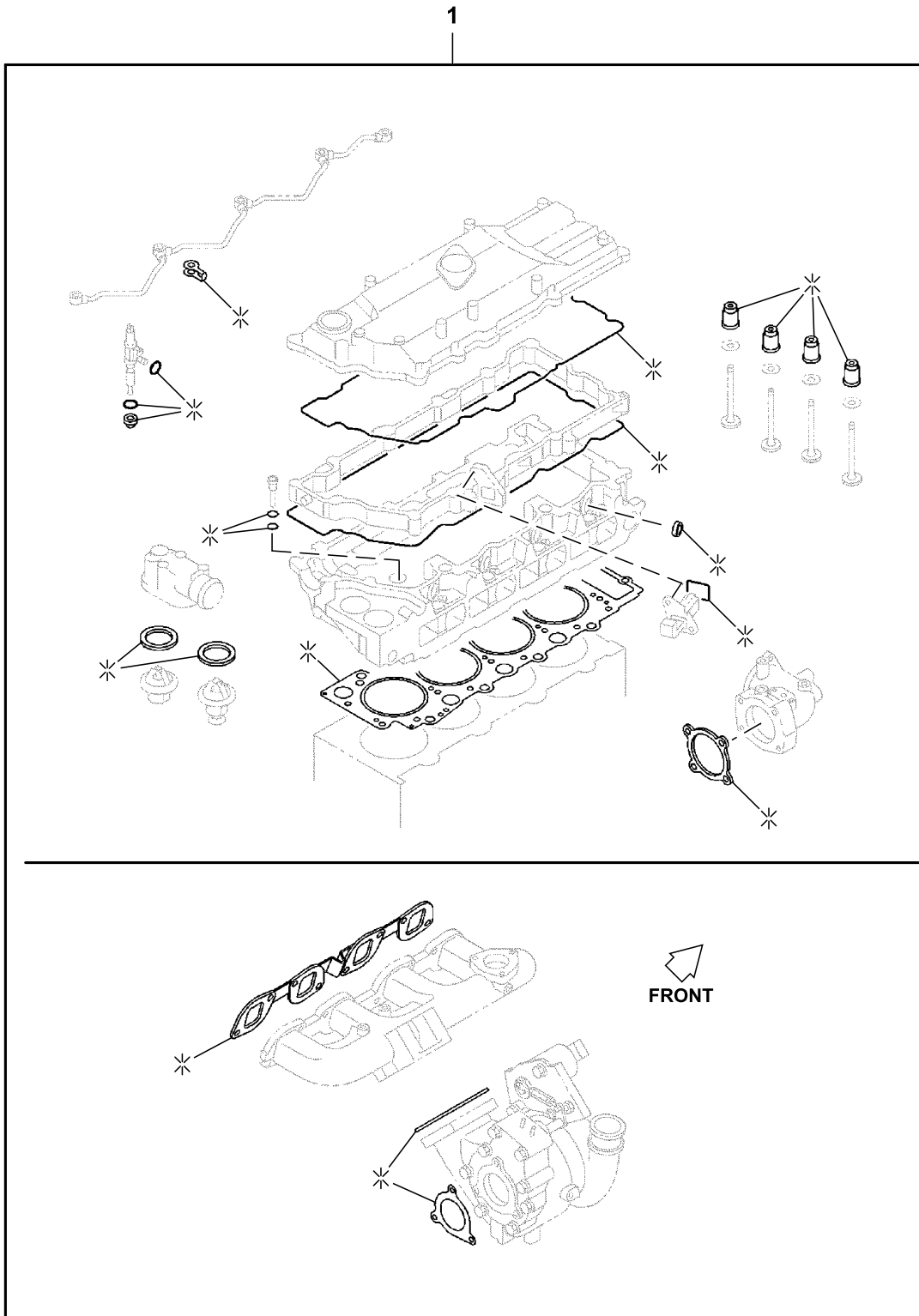
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<i>Key</i>	<i>Part No.</i>	<i>Part Name</i>	<i>Qty.</i>	<i>Serial No.</i>	<i>Remarks</i>
1	5878178833	Gasket	1		SUB FOR 5878178832, 5878170090 AND 5878178830

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0-05 Engine Head Gasket Kit

TX1172041 A.1



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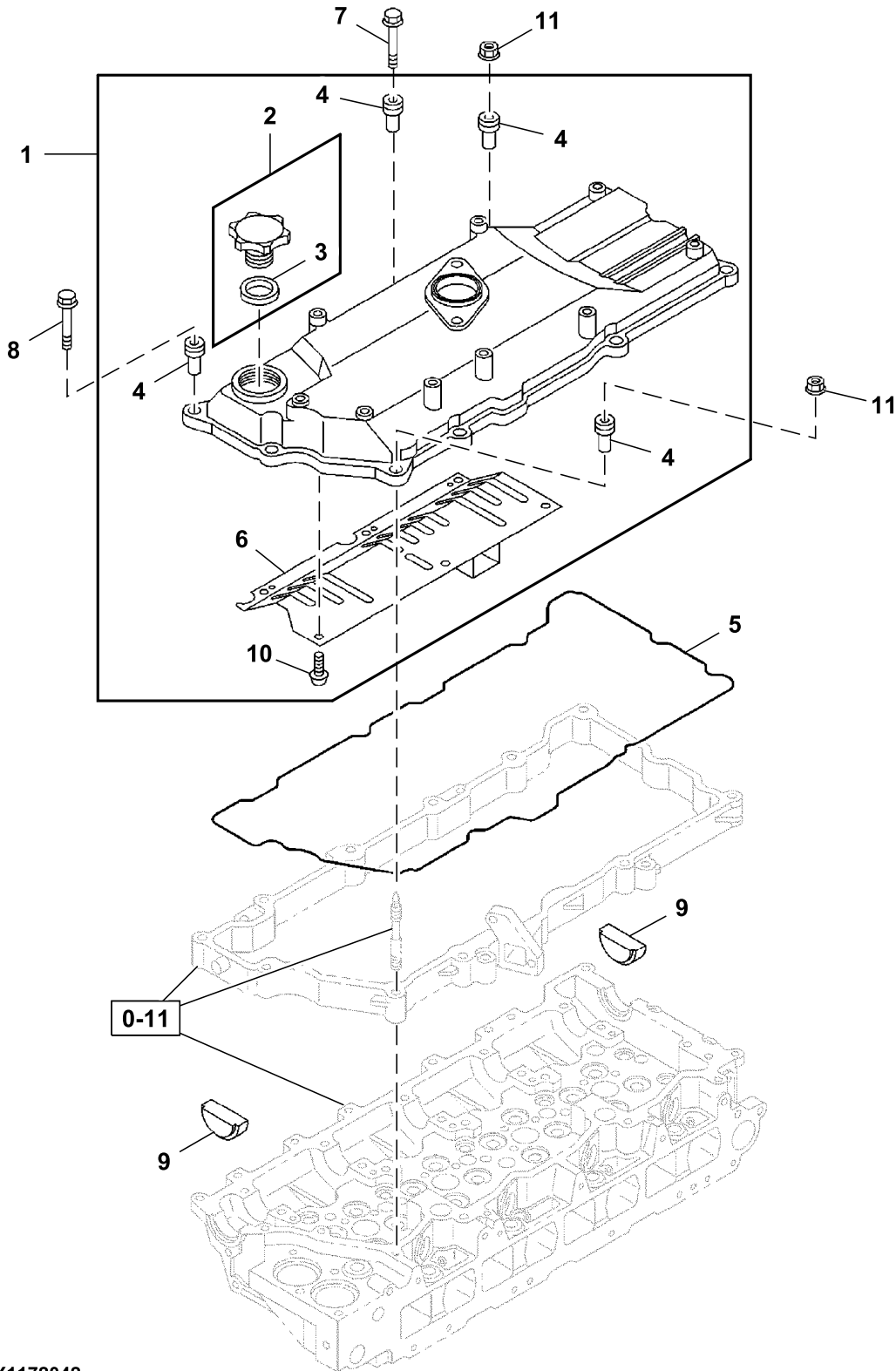
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<i>Key</i>	<i>Part No.</i>	<i>Part Name</i>	<i>Qty.</i>	<i>Serial No.</i>	<i>Remarks</i>
1	5878178850	Gasket	1		SUB FOR 5878157041 AND 5878157040

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0-10 Engine Cylinder Head Cover

TX1172042 A.1



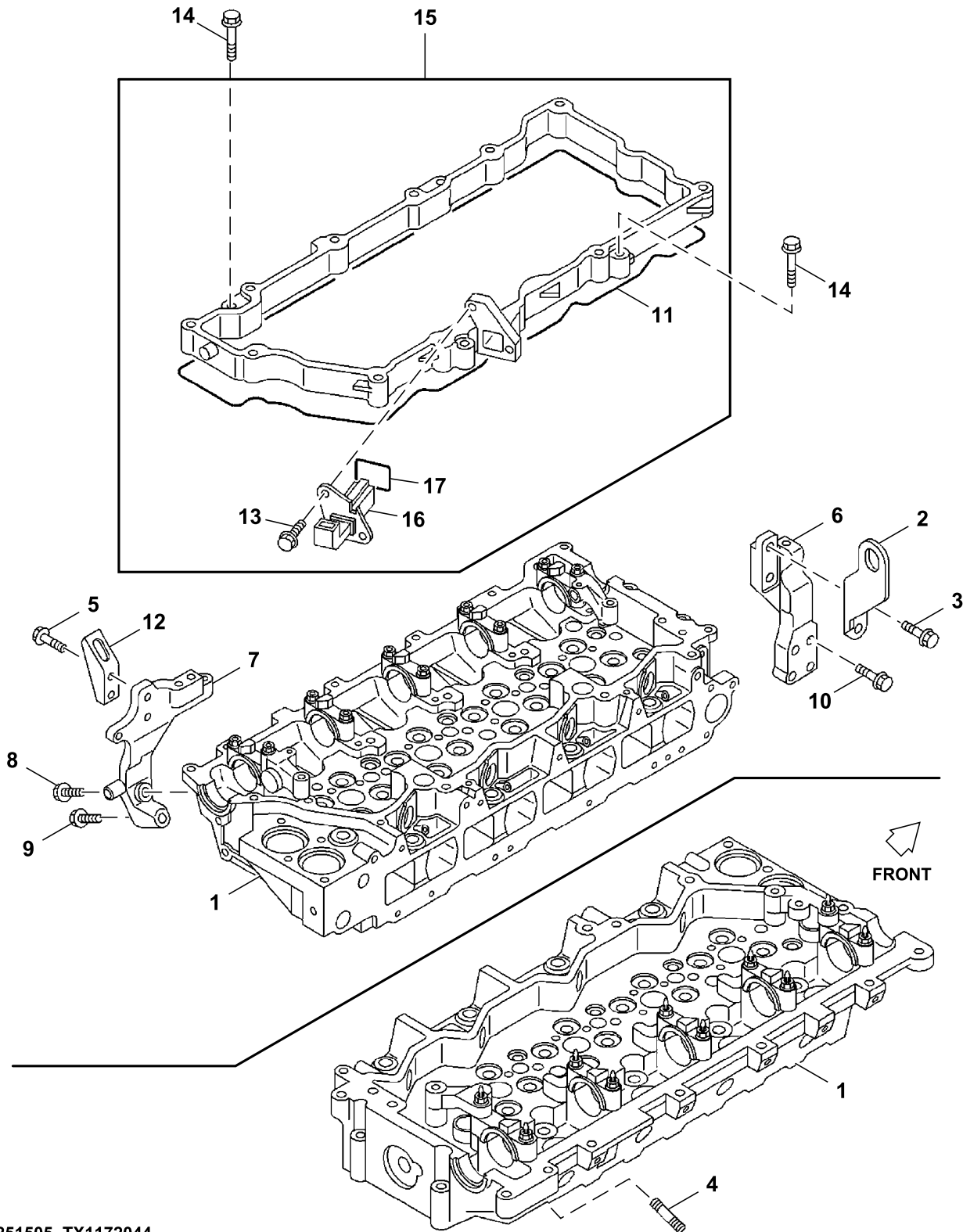
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**04A Engine 4HK1XASA02A ( - 700001)**  
**0400 Engine Miscellaneous / Complete Engine 4HK1XASA02A**

<i>Key</i>	<i>Part No.</i>	<i>Part Name</i>	<i>Qty.</i>	<i>Serial No.</i>	<i>Remarks</i>
1	8973628422	Valve Cover	1		SUB FOR 8973628421, Cylinder Head
2	8943997230	Filler Cap	1		
3	8943996890	O-Ring	1		Also Included In Gasket Kit, Engine
4	8943956840	Isolator	11		
5	8973313591	Gasket	1		SUB FOR 8973313590, Also Included in Gasket Kit, Engine and Head
6	8943926550	Plate	1		
7	0286808350	Bolt	2		M8X35, SUB FOR 0286508350
8	1090440721	Bolt	7		M8X65
9	8981638130	Plug	2		
10	0350504080	Screw	6		M4X8, SUB FOR 0350504080
11	0911801080	Nut	2		M8, SUB FOR 8940120390

0-11 Engine Cylinder Head Support

TX1172044 A.1



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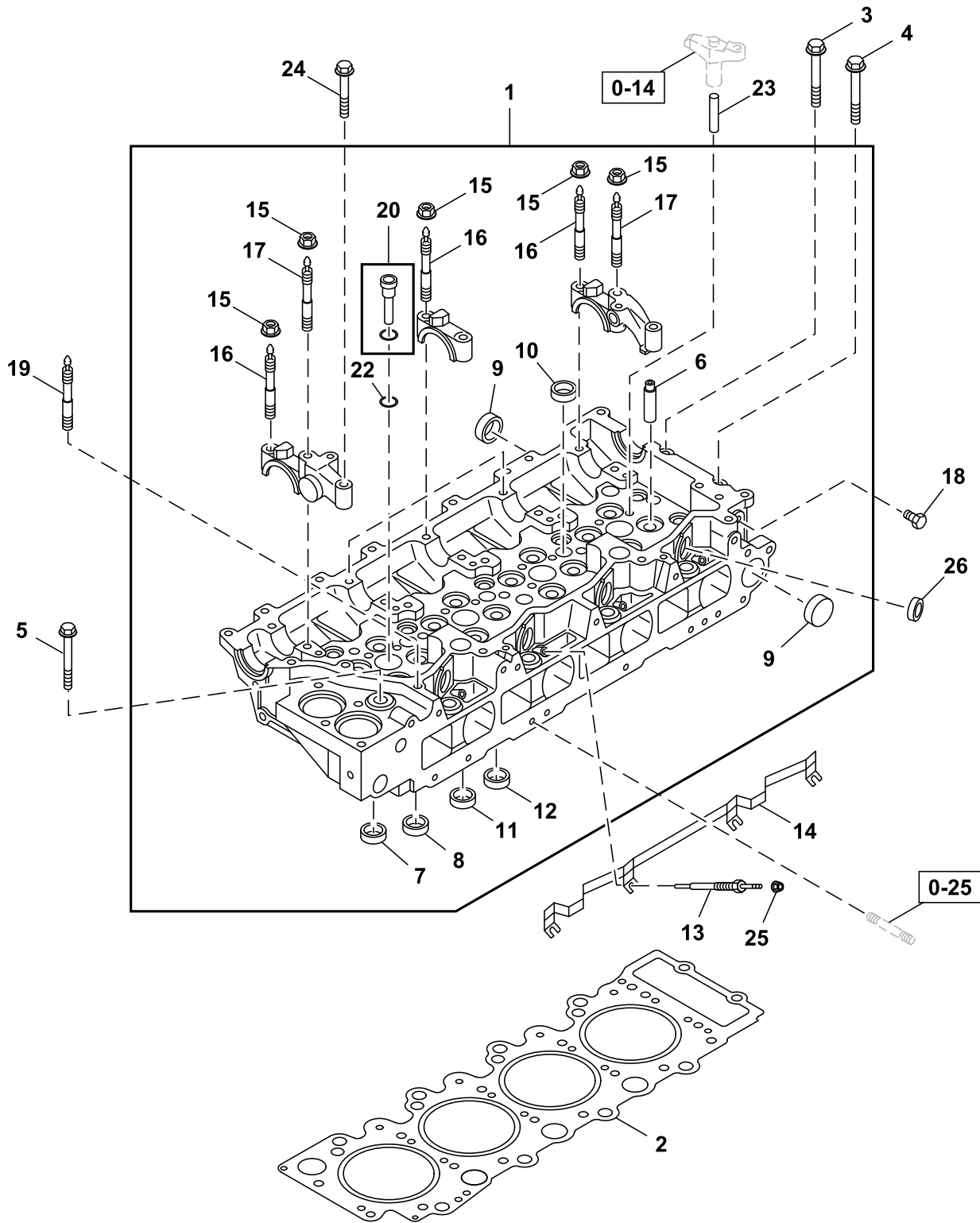
**04A Engine 4HK1XASA02A ( - 700001)**  
**0400 Engine Miscellaneous / Complete Engine 4HK1XASA02A**

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
1	8981706190	Cylinder Head	1		
2	1117770840	Hanger	1		SUB FOR 9117776121
3	0281510200	Bolt	2		M10X20
4	8943972860	Stud	2		M10X60
5	0281512300	Bolt	2		M12X30
6	8981125582	Bracket	1		SUB FOR 8981125581
7	8981161402	Bracket	1		SUB FOR 8981161401
8	0281510500	Bolt	1		M10X50
9	0281510800	Bolt	1		M10X80, SUB FOR 0168060850
10	0281512500	Bolt	3		M12X50, SUB FOR 0281812500
11	8973313601	Gasket	1		SUB FOR 8973313600, Also Included in Gasket Kit, Engine and Head
12	1117771231	Hanger	1		SUB FOR 1117770870
13	0280508160	Bolt	2		M8X12, SUB FOR 0280508120
14	0280508450	Bolt	4		M8X45
15	8973313621	Case	1		SUB FOR 8973313620
16	8943908581	Fitting	1		SUB FOR 8943908580
17	8943913100	Gasket	1		Also Included in Gasket Kit, Engine and Head



0-11 Engine Cylinder Head

TX1172043 B.1



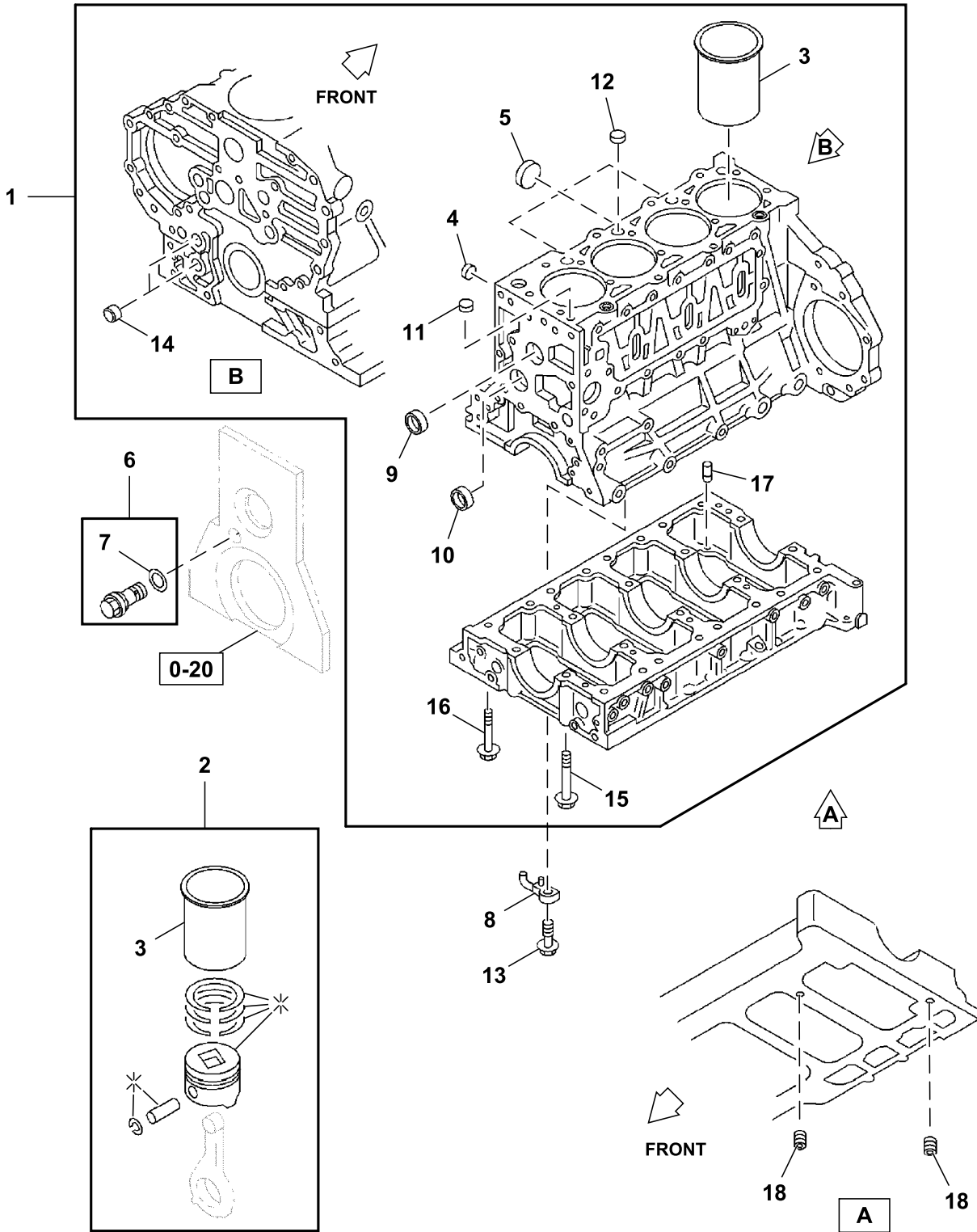
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**04A Engine 4HK1XASA02A ( - 700001)**  
**0400 Engine Miscellaneous / Complete Engine 4HK1XASA02A**

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
1	8981706190	Cylinder Head	1		
2	8981142560	Engine Cylinder Head Gasket	1		Also Included in Gasket Kit, Engine and Head
3	8943995540	Bolt	1		M10X73
4	8943995550	Bolt	1		M10X43
5	8982600050	Bolt	18		M14X115
6	8973767192	Guide	16		SUB FOR 8973767191
7	8980288740	Valve Seat	8		SUB FOR 8976062470, Inlet
8	8980288750	Valve Seat	8		SUB FOR 8972165110, Exhaust
9	8970968210	Seal	5		
10	1096000160	Plug	4		
11	9111291280	Seal	7		
12	5111290060	Seal	5		
13	8943907773	Plug	4		SUB FOR 8913907775 OR 8943907776
14	8973323582	Elec. Connector Accessory	1		
15	14M7298	Flange Nut	10		M8, SUB FOR 0911802080 AND 4447338
16	8943225132	Stud	8		M8X41
17	8943225122	Stud	2		M8X54
18	8980034160	Plug	1		M8X10, SUB FOR 8943994210
19	0491408600	Stud	2		M8X60, SUB FOR 0497408600
20	8980184620	Sleeve	4		SUB FOR 8976066610, Also Included in Gasket Kit, Engine and Head
22	8976049160	Gasket	4		SUB FOR 1096233550, Also Included in Gasket Kit, Engine and Head
23	8973816031	Guide	8		
24	0280808350	Bolt	2		M8X35, SUB FOR 0280508350
25	8973688530	Nut	4		M4
26	1096390340	Gasket	4		Also Included in Gasket Kit, Engine and Head

0-12 Engine Cylinder Block

TX1172045 B.1



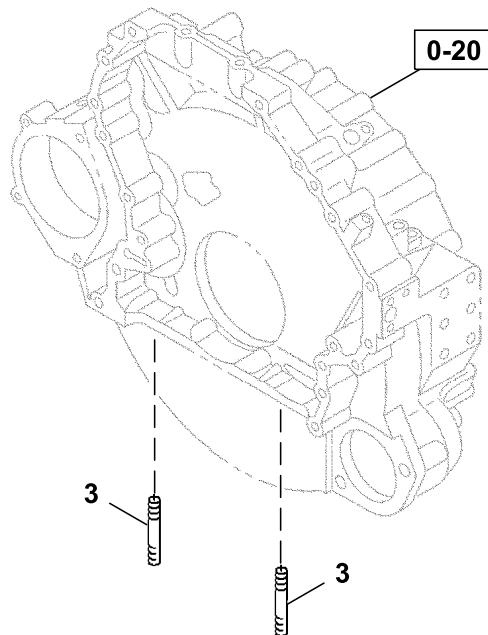
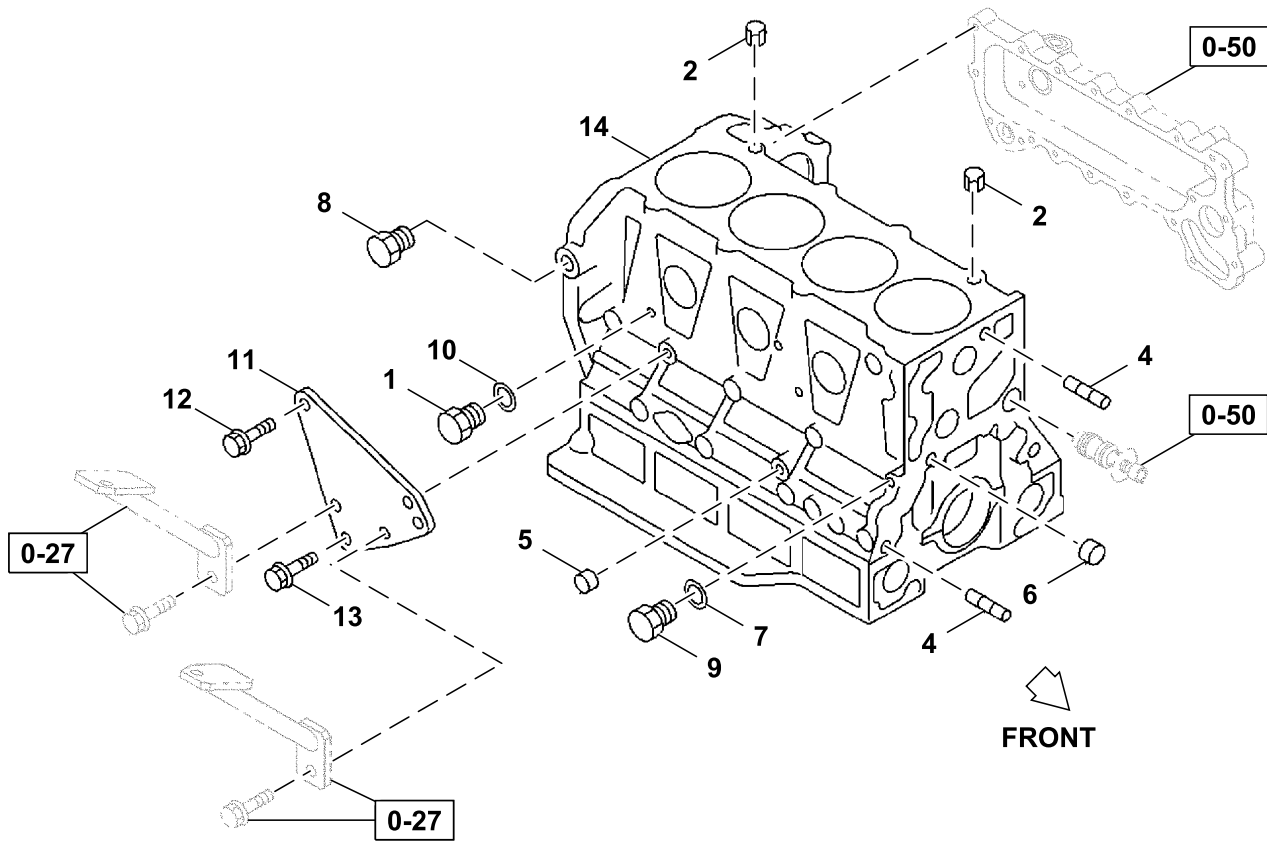
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**04A Engine 4HK1XASA02A ( - 700001)**  
**0400 Engine Miscellaneous / Complete Engine 4HK1XASA02A**

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
1	8982045290	Cylinder Block	1		
2	1878142051	Cylinder Kit	4		OD GRADE = 1X, SUB FOR 5878170070
	1878142061	Cylinder Kit	4		OD GRADE = 3X, SUB FOR 5878170080
3	8980140461	Cylinder Liner	4		OD GRADE = 1X, SUB FOR 8980140460, Also Included In Liner Set
	8980140471	Cylinder Liner	4		OD GRADE = 3X, Also Included In Liner Set
4	1096000160	Plug	1		
5	8970365501	Bearing Cup	3		SUB FOR 8973514510
6	8973288590	Pressure Relief Valve	1		SUB FOR 8943860471, Oil Relief
7	8941734120	Gasket	1		Also Included In Gasket Kit, Engine
8	8981733420	Jet	4		Piston Cooling Oil
9	1096000160	Plug	1		
10	8970968240	Plug	4		
11	5111290060	Seal	1		
12	8972096090	Seal	3		
13	8973296180	Flow Control Hyd. Valve	4		SUB FOR 1131610120, Oil Check
14	8980915660	Bushing	2		
15	8970776380	Bolt	10		M14X115
16	8943995532	Bolt	17		M10X82
17	8971354230	Pin Fastener	2		SUB FOR 8944836740
18	5096050050	Pipe Plug	2		SUB FOR AT254825

0-12 Engine Cylinder Block and Support

TX1172046 A.1



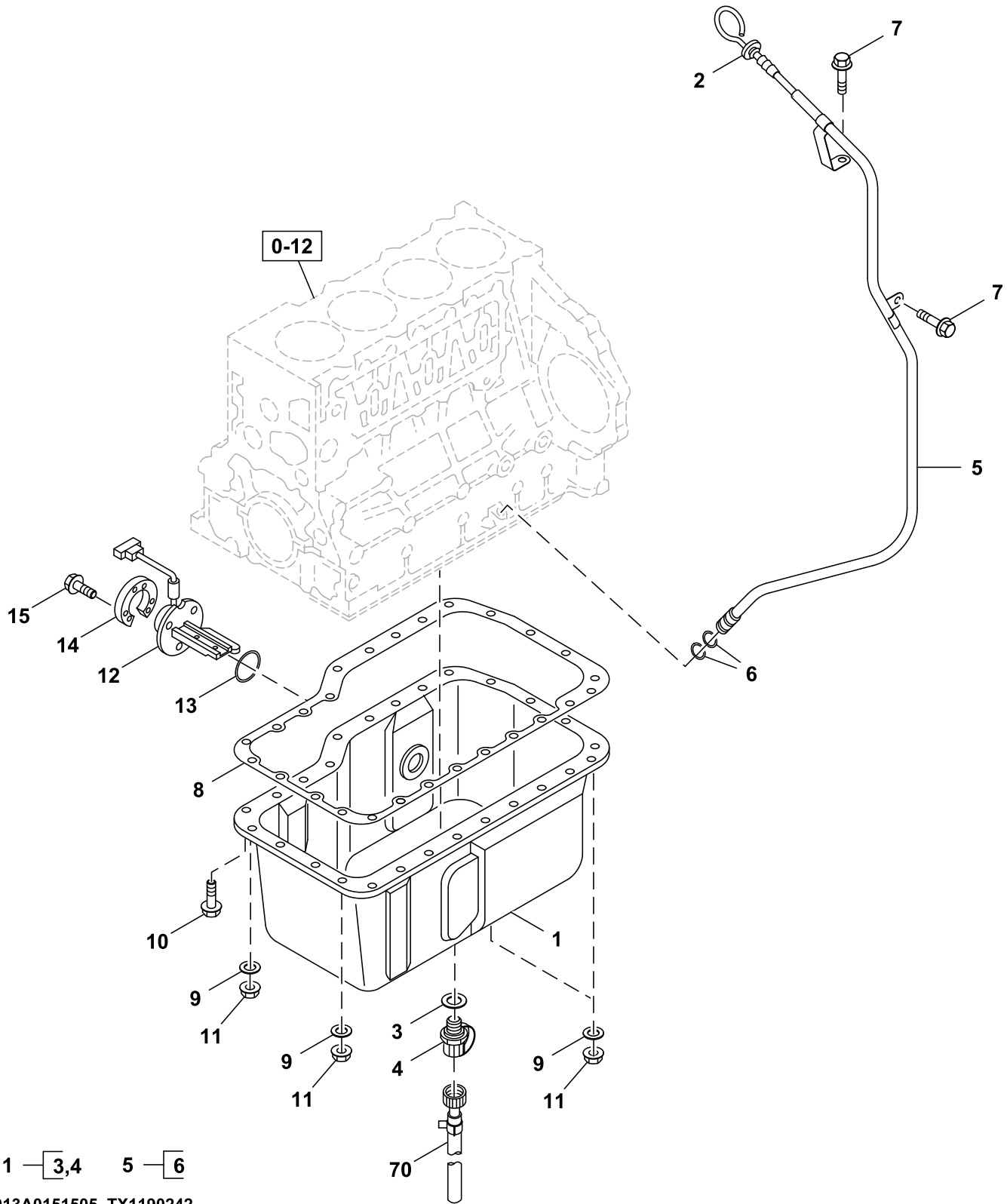
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**04A Engine 4HK1XASA02A ( - 700001)**  
**0400 Engine Miscellaneous / Complete Engine 4HK1XASA02A**

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
1	8973525370	Plug	1		
2	8943996881	Pin Fastener	2		SUB FOR 8943996880
3	1093050050	Stud	2		M8X20, SUB FOR AT254807
4	8971354230	Pin Fastener	4		SUB FOR 8944836740
5	5096000130	Seal	1		SUB FOR 1096000102
6	9111291280	Seal	3		
7	8982513450	Packing	1		Also Included In Gasket Set, Engine
8	8973296170	Plug	1		
9	9098621560	Plug	1		
10	1096300830	Gasket	1		Also Included In Gasket Set, Engine
11	8981669782	Plate	1		SUB FOR 8981669780
12	19M7866	Screw	2		M8 X 20, SUB FOR 0280508200 AND 0280808200
13	8981732650	Bolt	1		
14	8982045290	Cylinder Block	1		

0-13 Oil Pan And Level Gauge

TX1190242 E.1



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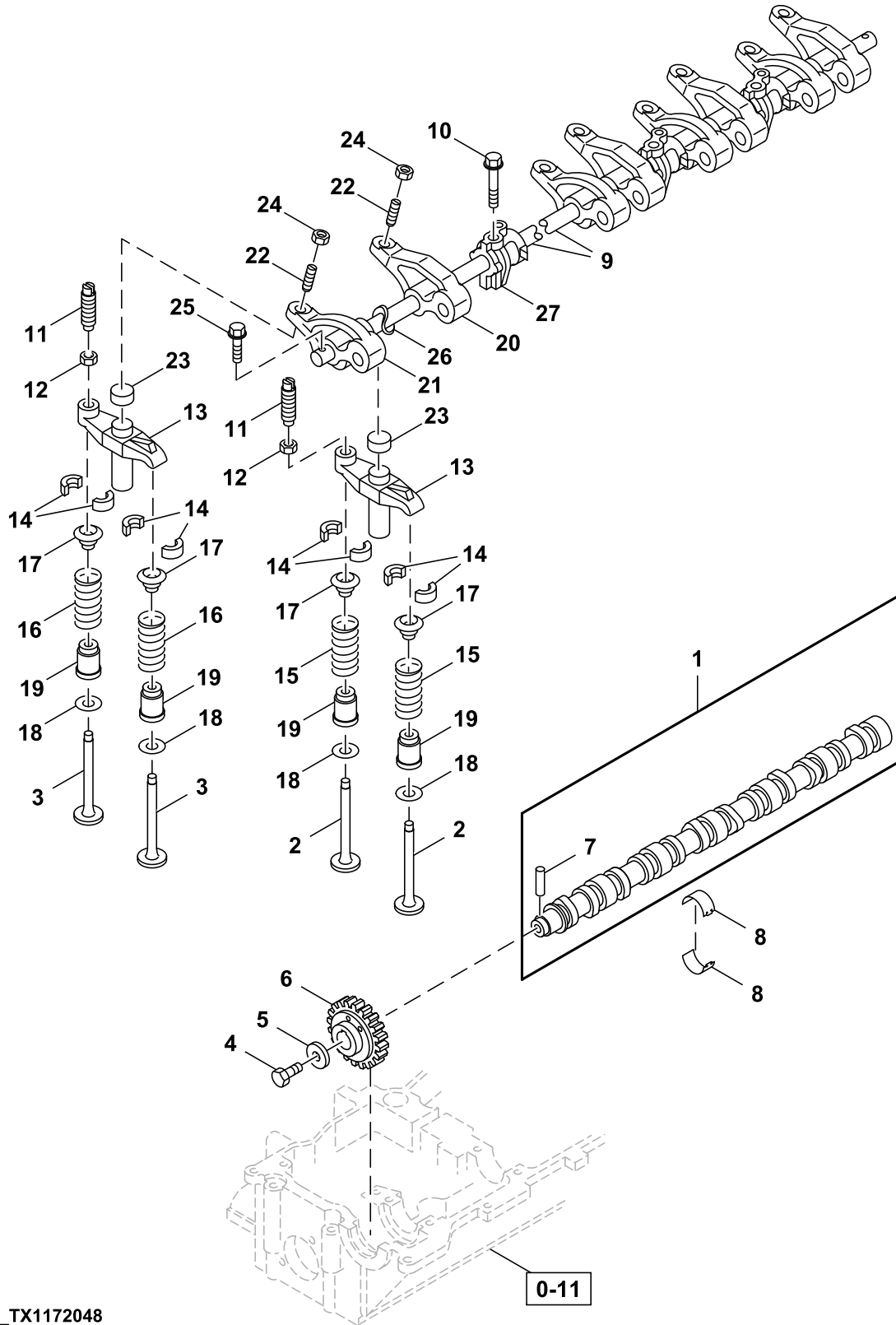
**04A Engine 4HK1XASA02A ( - 700001)**  
**0400 Engine Miscellaneous / Complete Engine 4HK1XASA02A**

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
1	8981779000	Oil Pan	1		
2	8982403250	Gauge	1		Dipstick
3	1096300900	Gasket	1		SUB FOR 1096300590, Also Included In Gasket Kit, Engine
4	8981442470	Plug	1		
5	8982403200	Tube	1		
6	5096230023	Gasket	2		SUB FOR 1096234690 AND 5096230020
7	0280508160	Bolt	2		M8X16, SUB FOR 0280508120
8	8973638451	Gasket	1		Also Included In Gasket Kit, Engine
9	0915108080	Washer	4		
10	8981827880	Bolt	22		
11	14M7273	Nut	4		M8, SUB FOR 0911105080 AND 9091105080
12	8971312230	Sensor	1		Oil Level
13	8976049160	Gasket	1		SUB FOR 1096233550, Oil Level, Also Included In Gasket Kit, Engine
14	5113690720	Spacer	1		
15	0280506250	Bolt	3		M6X25
70	8982534070	Hose	1		SUB FOR 8973880231



0-14 Engine Camshaft And Valves

TX1172048 C.1



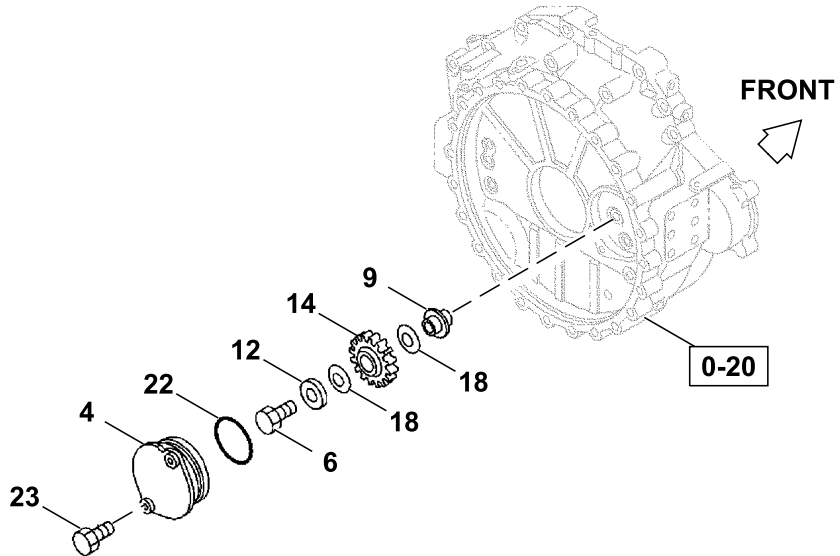
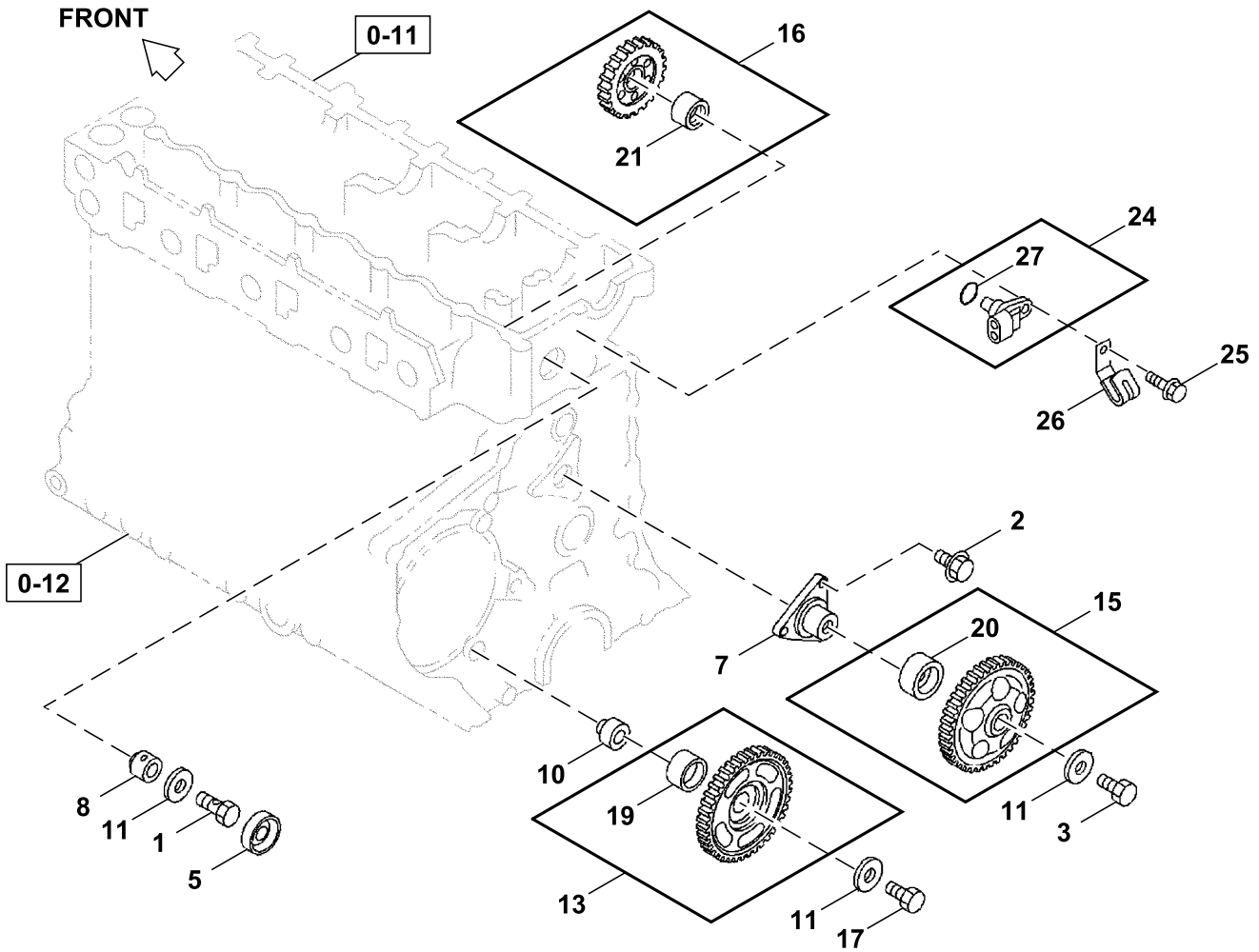
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**04A Engine 4HK1XASA02A ( - 700001)**  
**0400 Engine Miscellaneous / Complete Engine 4HK1XASA02A**

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
1	8972621660	Camshaft	1		
2	8943958822	Valve	8		SUB FOR 8943958821, Intake
3	8972098764	Valve	8		SUB FOR 8972098763, Exhaust
4	8943964390	Bolt	1		
5	9098518503	Washer	1		
6	8980189353	Gear	1		Z=35
7	8943994870	Pin Fastener	1		M14X40
8	8973861890	Bearing	10		SUB FOR 8973569390
9	8973899210	Rocker Arm Shaft	1		SUB FOR 8973064262
10	8943931310	Bolt	3		M10X62, SUB FOR 8971746500
11	8943948030	Screw	8		M8X21
12	14M7599	Nut	8		M8, SUB FOR 9098445740
13	8943920023	Valve Bridge	8		
14	5125650040	Locking Collar	32		
15	8943958840	Spring	8		Inlet
16	8943958851	Spring	8		SUB FOR 8943958850, Exhaust
17	8943907832	Valve Seat	16		
18	8943914680	Valve Seat	16		
19	8973767200	Seal	16		Also Included in Gasket Kit, Engine and Head
20	8973064213	Rocker Arm	4		Inlet
21	8973064243	Rocker Arm	4		Exhaust
22	8943950240	Screw	8		M10
23	8943960152	Cap	8		
24	0911115100	Nut	8		M10, SUB FOR 9091115100
25	0280808400	Bolt	2		M8X40, SUB FOR 0280508400 AND AT259927
26	8943929990	Spring	4		
27	8973344140	Bracket	3		

0-14 Engine Camshaft And Valve Support

TX1172049 A.1



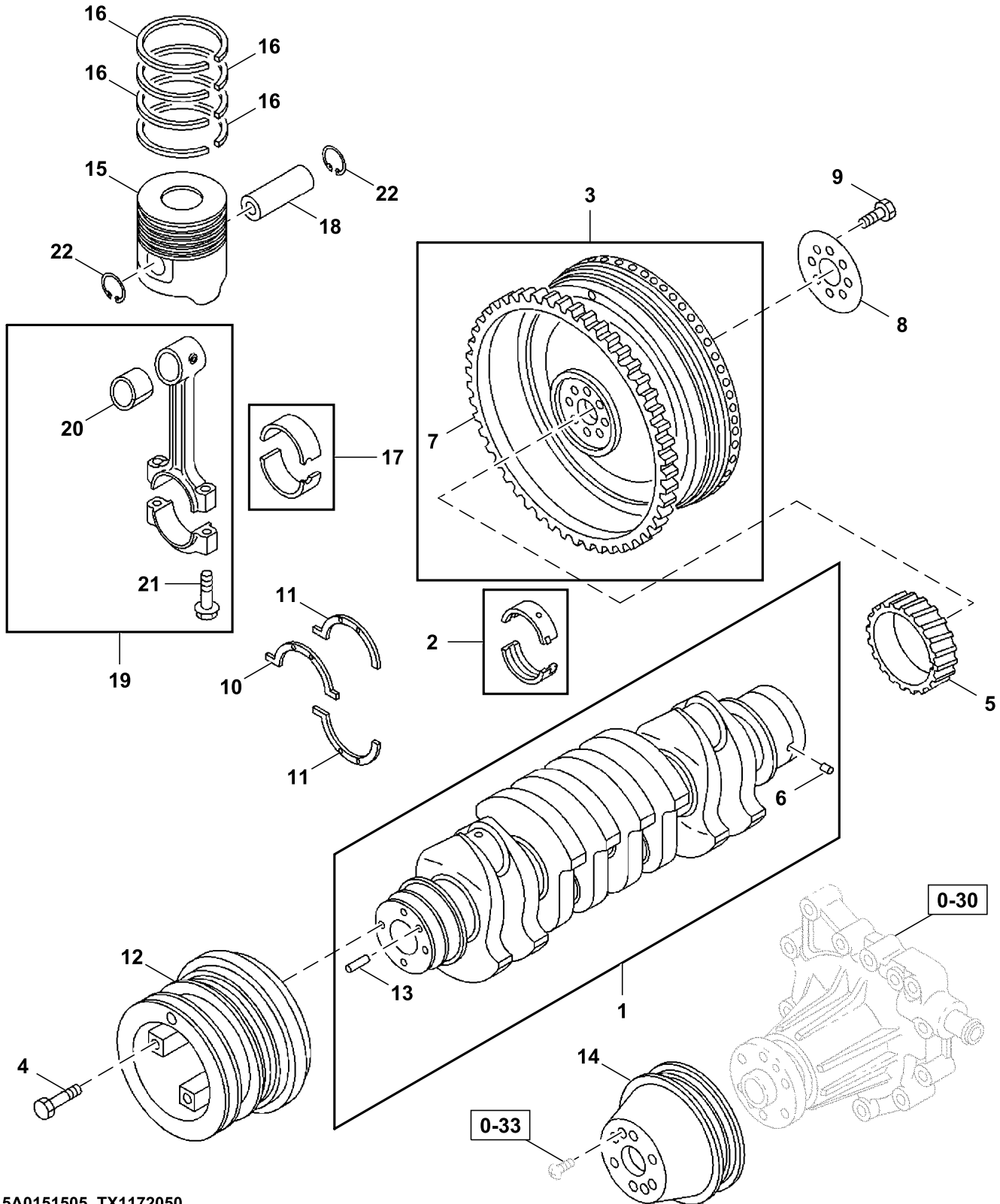
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**04A Engine 4HK1XASA02A ( - 700001)**  
**0400 Engine Miscellaneous / Complete Engine 4HK1XASA02A**

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
1	8943722211	Bolt	1		M14X36.5
2	0280608160	Bolt	3		M14X25
3	0239514250	Bolt	1		
4	8943346811	Cover	1		SUB FOR 8980238810
5	8970968260	Cover	1		
6	0169564600	Bolt	1		M14X60
7	8973500210	Shaft	1		SUB FOR 8971892441
8	8971863981	Shaft	1		
9	8980410990	Shaft	1		
10	8980607800	Shaft	1		SUB FOR 8971043800
11	8972097282	Thrust Washer	3		SUB FOR 8972097281
12	8980236160	Bushing	1		
13	8976005861	Gear	1		Z=72-60-30
14	8980410640	Gear	1		Z=34
15	8976067670	Gear	1		Z=61; SUB FOR 8976005900
16	8976069290	Gear	1		Z=41; SUB FOR 8973004480
17	8971131670	Bolt	1		M14X65, SUB FOR 8970667980
18	8980410890	Washer	2		
19	1125280280	Bushing	1		
20	8976067680	Bushing	1		SUB FOR 8943693400
21	8976067700	Bushing	1		SUB FOR 8971126080
22	1096234230	Gasket	1		Also Included In Gasket Kit, Engine
23	0280508160	Bolt	2		M8X16, SUB FOR 0280508120
24	8980190240	Sensor	1		Cam Angle
25	0280506120	Bolt	1		M6X12, SUB FOR 0280806120
26	8973679851	Clip	1		SUB FOR 5097003071, 8942251850 AND 8973679850
27	8973694040	Gasket	1		

0-15 Crankshaft, Pistons, and Flywheel

TX1172050 A.1



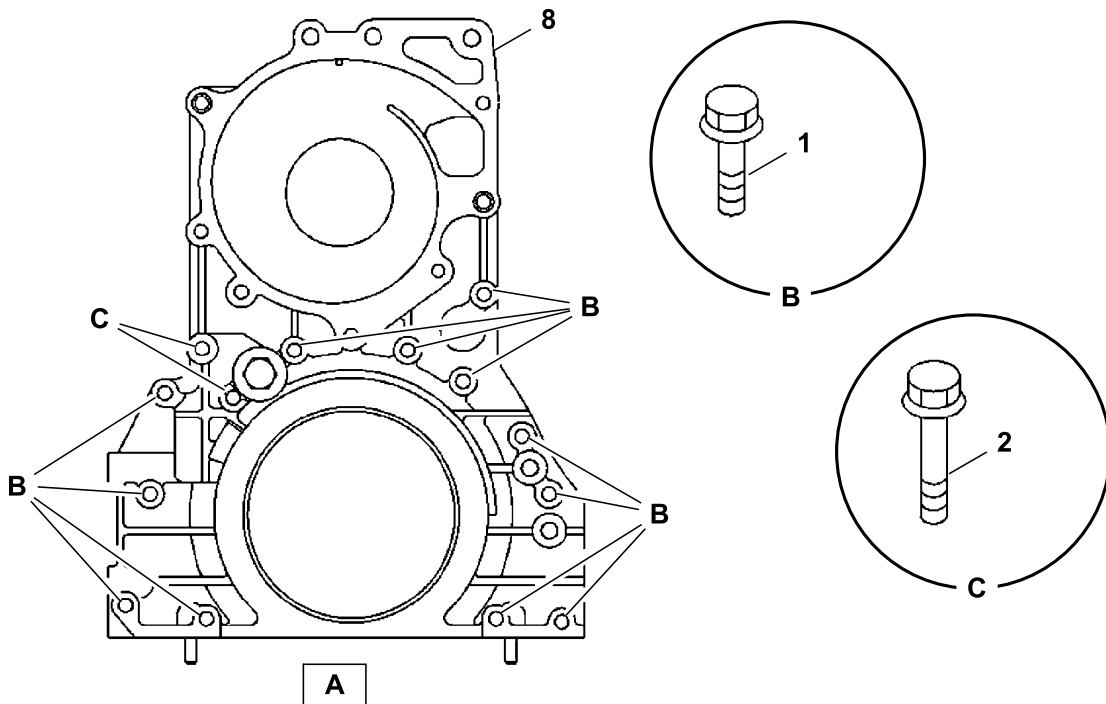
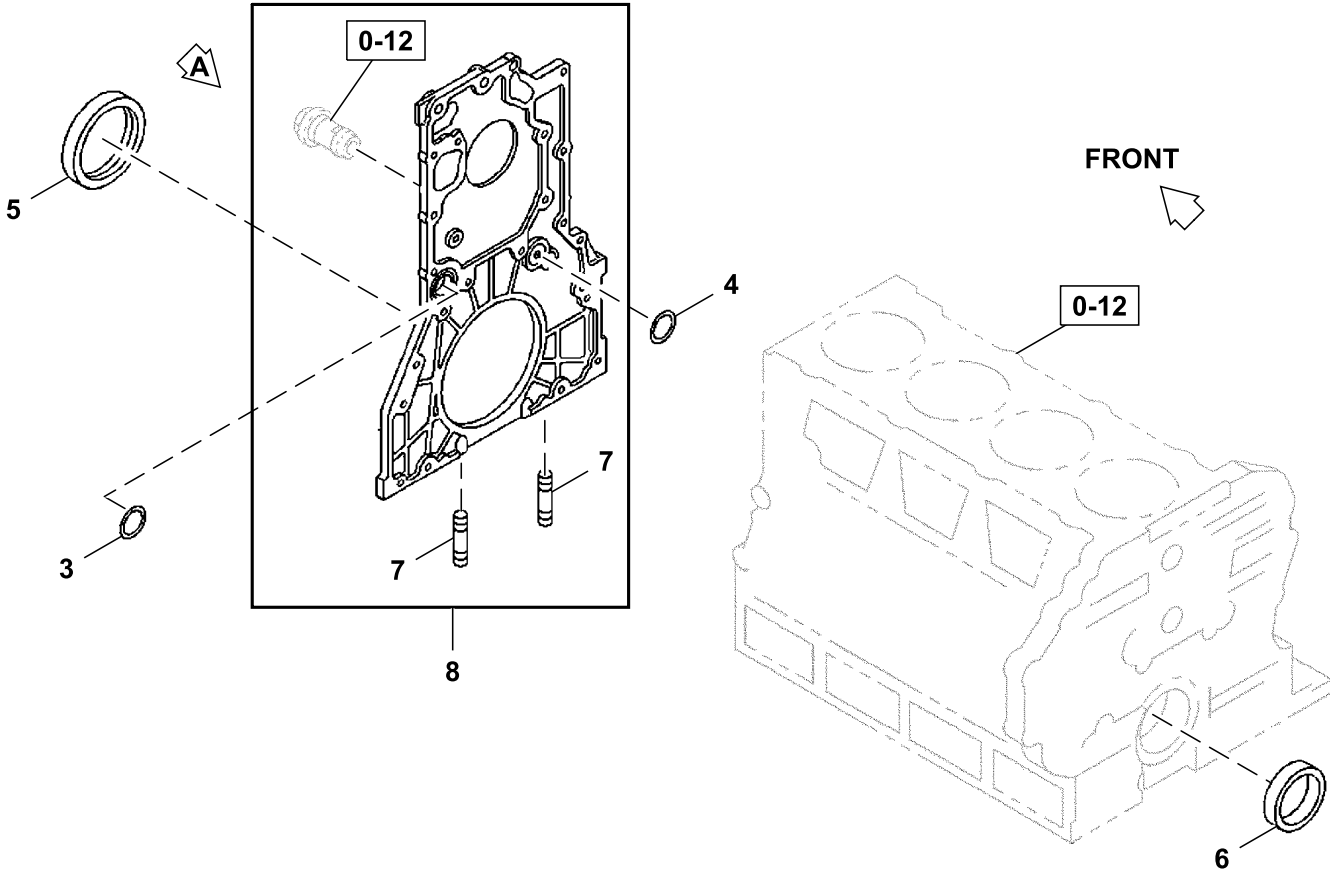
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**04A Engine 4HK1XASA02A ( - 700001)**  
**0400 Engine Miscellaneous / Complete Engine 4HK1XASA02A**

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
1	8980292700	Crankshaft	1		SUB FOR 8973525343
2	8973720761	Bearing	5		SUB FOR 8973720760, Blue
	8973720771	Bearing	1		Black
	8973720781	Bearing	1		Brown
3	8981519330	Flywheel	1		
4	8970287330	Bolt	4		M16X42
5	8943922551	Gear	1		Z=42
6	9098786260	Dowel Pin	1		
7	8943931320	Gear	1		Z=129
8	8943974961	Washer	1		
9	8971780130	Bolt	8		M16X42, SUB FOR 8971129990
10	8973865480	Thrust Washer	1		SUB FOR 8943992770, Front
11	8973865490	Thrust Washer	2		SUB FOR 8943992830, Rear
12	8973627472	Pulley	1		
13	9081508200	Pin Fastener	2		
14	8980182361	Pulley	1		
15	8982445220	Piston	4		Also Included In Liner Set
16	8980171660	Piston Ring	4		Also Included In Liner Set
17	8976163580	Bearing Kit	4		SUB FOR 8980554800, Green
	8976163590	Bearing Kit	1		Yellow
18	8980188631	Pin	4		Also Included In Liner Set
19	8980184253	Connecting Rod	4		SUB FOR 8980184251 AND 8980184252
20	8943917941	Bushing	1		SUB FOR 8943917940
21	1122350350	Bolt	2		M13X57, SUB FOR 8980911410
22	1095870811	Ring	8		Also Included In Liner Set

0-20 Timing Gear Case

TX1172051 A.1



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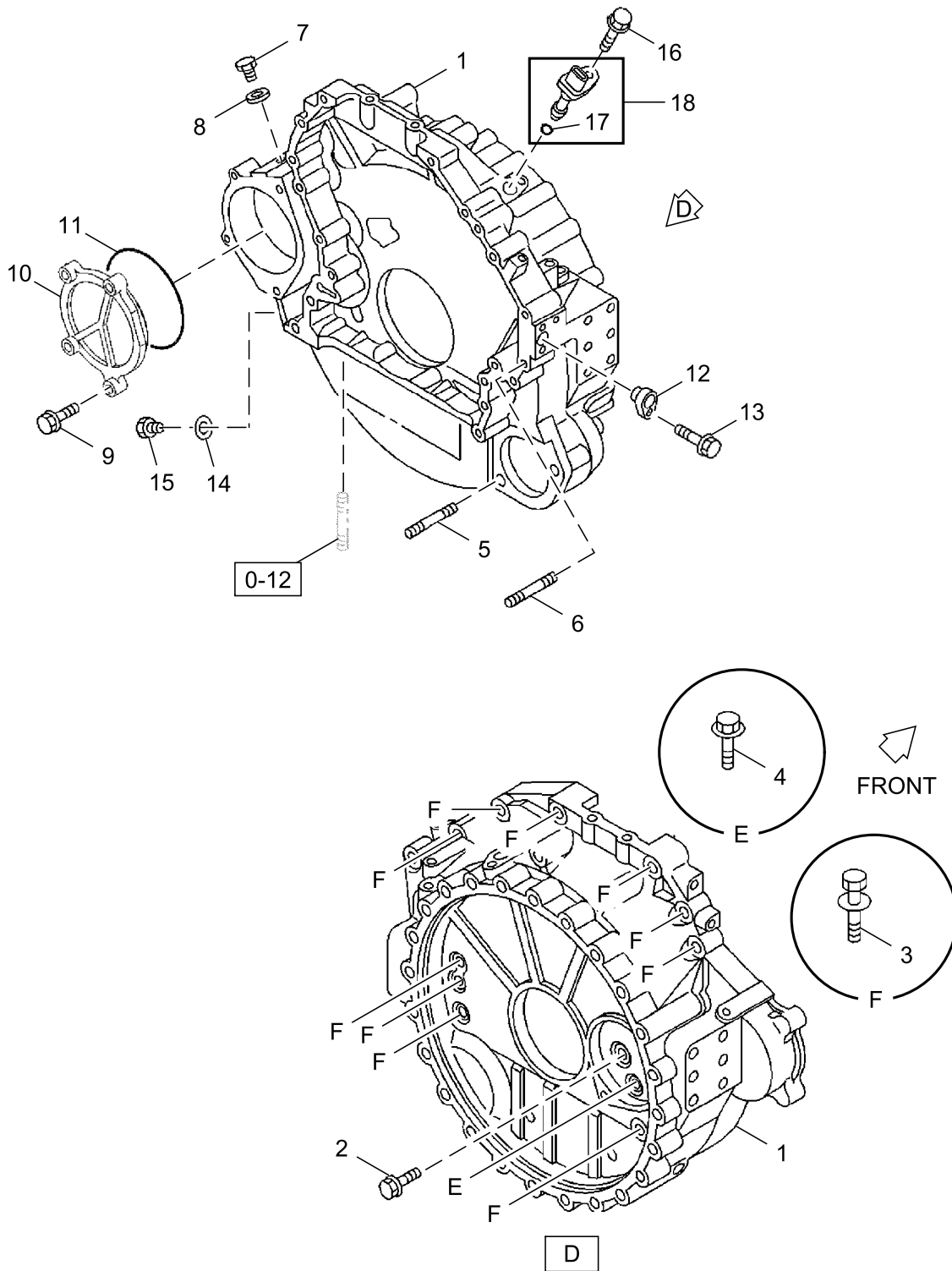
**04A Engine 4HK1XASA02A ( - 700001)**  
**0400 Engine Miscellaneous / Complete Engine 4HK1XASA02A**

<i>Key</i>	<i>Part No.</i>	<i>Part Name</i>	<i>Qty.</i>	<i>Serial No.</i>	<i>Remarks</i>
1	0286808350	Bolt	12		M8X35, SUB FOR 0286508350
2	1090440721	Bolt	2		M8X65
3	8970287481	Gasket	1		Also Included In Gasket Kit, Engine
4	9095613180	Gasket	1		Also Included In Gasket Kit, Engine
5	8973829550	Seal	1		Also Included In Gasket Kit, Engine
6	8972093423	Seal	1		SUB FOR 8972093422, Also Included In Gasket Kit, Engine
7	0410108180	Stud	2		M8X18
8	8982038950	Cover	1		



0-20 Flywheel Housing and Support

TX1172052 B.1



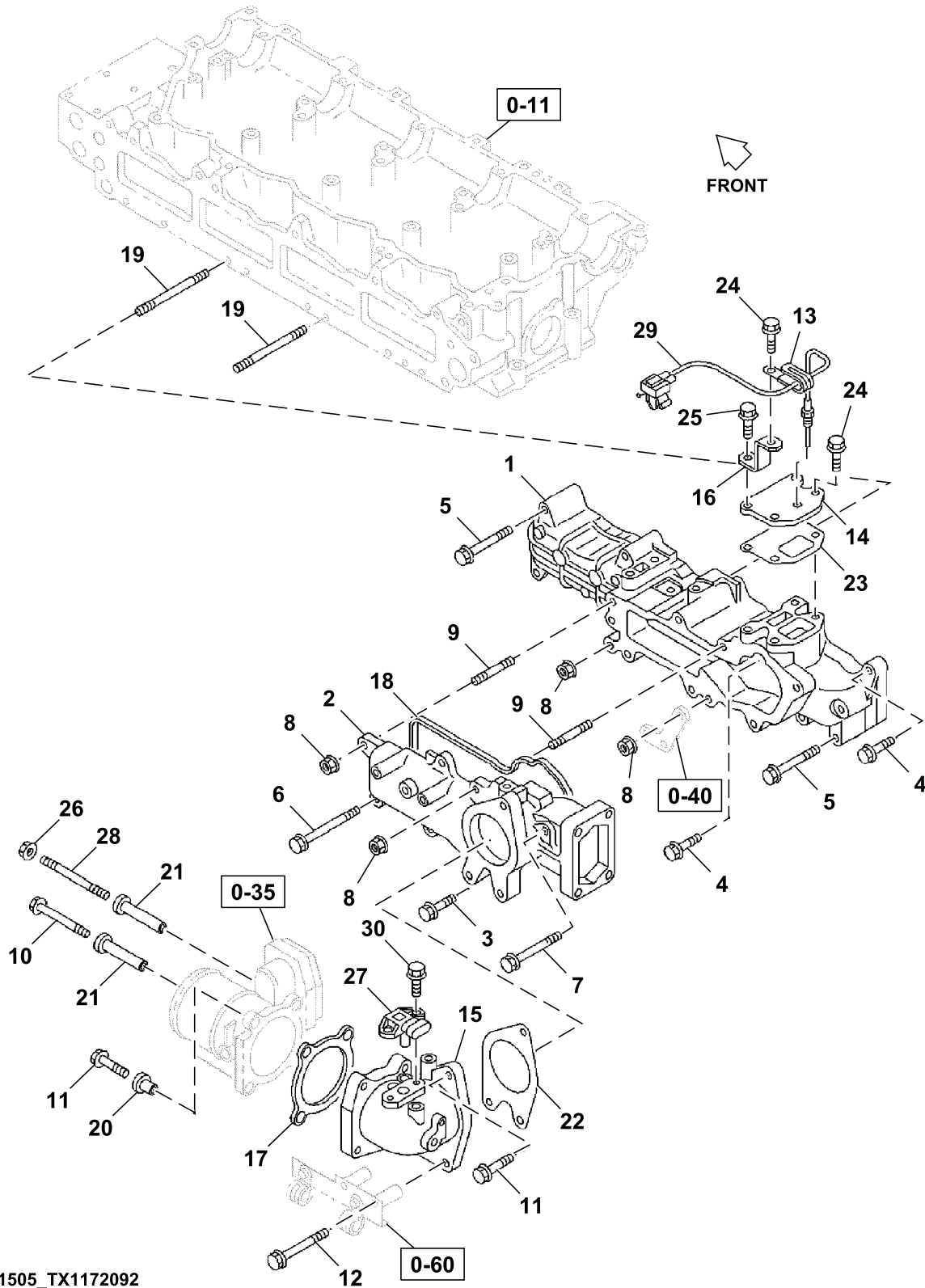
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**04A Engine 4HK1XASA02A ( - 700001)**  
**0400 Engine Miscellaneous / Complete Engine 4HK1XASA02A**

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
1	8981164212	Housing	1		SUB FOR 8981164210 OR 8981164211
2	0287510400	Bolt	1		SUB FOR 0287810400
3	8971147790	Bolt	11		
4	8971354190	Bolt	1		SUB FOR 8943439190
5	0440112300	Stud	2		SUB FOR 9944112300
6	0440112550	Stud	1		
7	0920024120	Plug	1		SUB FOR 5096040120
8	8944725841	Gasket	1		SUB FOR 8944725840, Also Included in Gasket Set (Engine)
9	0281512350	Bolt	4		SUB FOR 0281812350
10	8980653550	Cover	1		
11	1096235700	Gasket	1		Also Included in Gasket Set (Engine)
12	8971019740	Plug	1		
13	0280506160	Bolt	1		
14	9095714160	Gasket	1		
15	0920024160	Plug	1		
16	0280506120	Bolt	1		
17	8973694040	Gasket	1		
18	8976069430	Sensor	1		Tachometer

0-25 Engine Air Intake Manifold

TX1172092 A.1



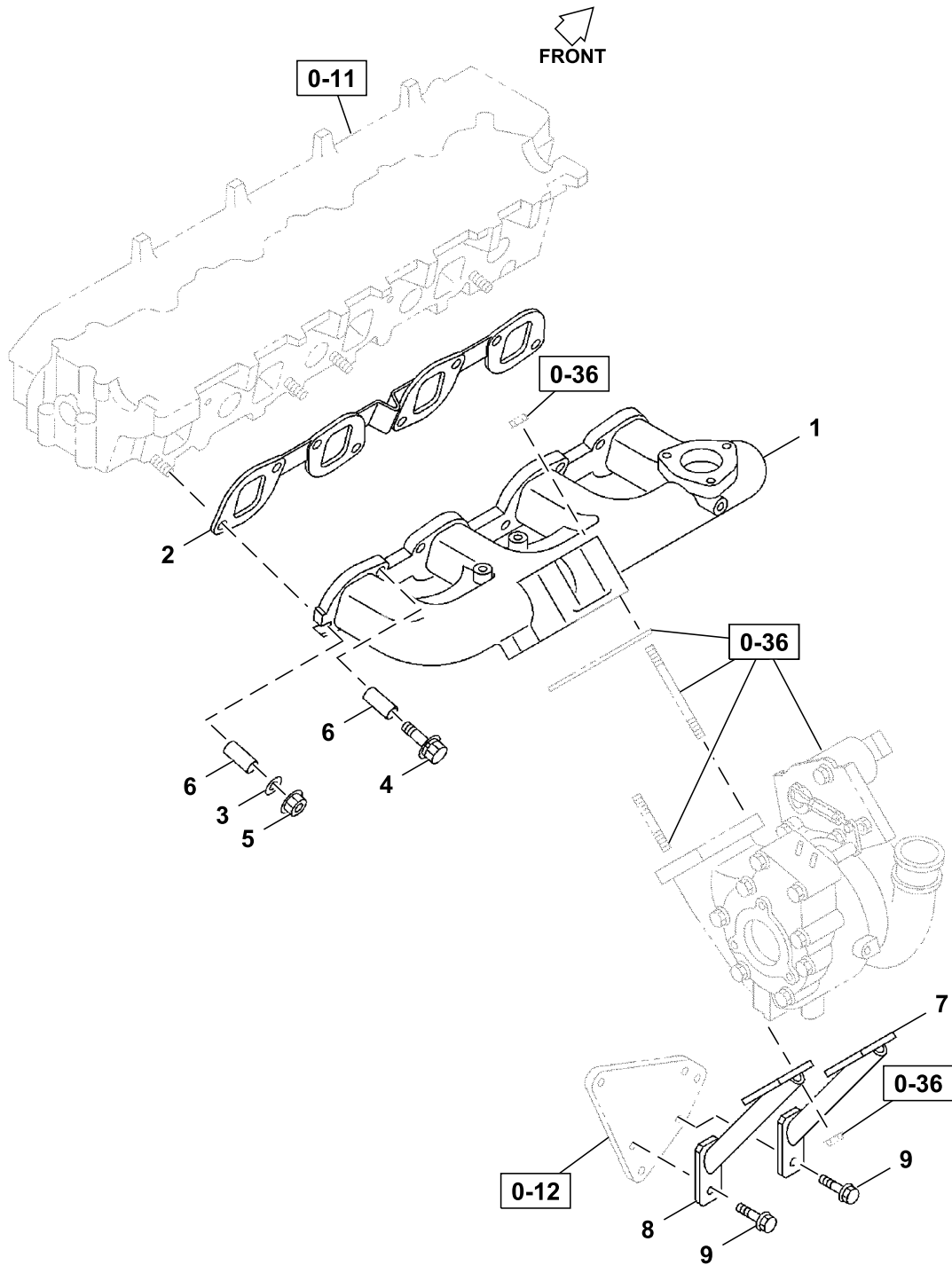
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**04A Engine 4HK1XASA02A ( - 700001)**  
**0400 Engine Miscellaneous / Complete Engine 4HK1XASA02A**

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
1	8981156671	Cover	1		
2	8982365680	Cover	1		
3	0280508250	Bolt	1		SUB FOR 0280808250
4	0280508300	Bolt	2		
5	0280808600	Bolt	5		SUB FOR 0280508600, 8941583930 AND 8941583931
6	0280558120	Bolt	3		SUB FOR 0280858120
7	8980815070	Bolt	1		
8	0911801080	Nut	4		SUB FOR 8940120390
9	0410108250	Stud	2		SUB FOR 9041108250
10	0280508700	Bolt	1		SUB FOR 0280808700
11	0286508300	Bolt	3		SUB FOR 8970297050
12	8980815070	Bolt	2		
13	8973679851	Clip	1		SUB FOR 8973679850
14	8981646610	Bracket	1		
15	8982365720	Pipe	1		
16	1474781130	Bracket	1		
17	8973870090	Gasket	1		Also Included in Gasket Set (Engine and Head)
18	8980326110	Gasket	1		Also Included in Gasket Set (Engine and Head)
19	8971114770	Stud	2		SUB FOR 8970158360
20	8972196500	Isolator	2		
21	8973879951	Seal	2		SUB FOR 8973879950
22	8973060251	Gasket	1		SUB FOR 8973060250, Also Included in Gasket Set (Engine)
23	8973788140	Gasket	1		Also Included in Gasket Set (Engine)
24	0280508160	Bolt	4		SUB FOR 0280508120
25	19M7866	Screw	1		M8 X 20, SUB FOR 0280508200 AND 0280808200
26	0911801080	Nut	1		SUB FOR 8940120390
27	FYA00001668	Sensor	1		SUB FOR 8981216970 AND 8981216971, Manifold Absolute Pressure
28	8980170630	Stud	1		
29	8973811820	Sensor	1		Air Temperature
30	0280506120	Bolt	2		SUB FOR 0280806120

0-27 Engine Exhaust Manifold

TX1172093 A.1



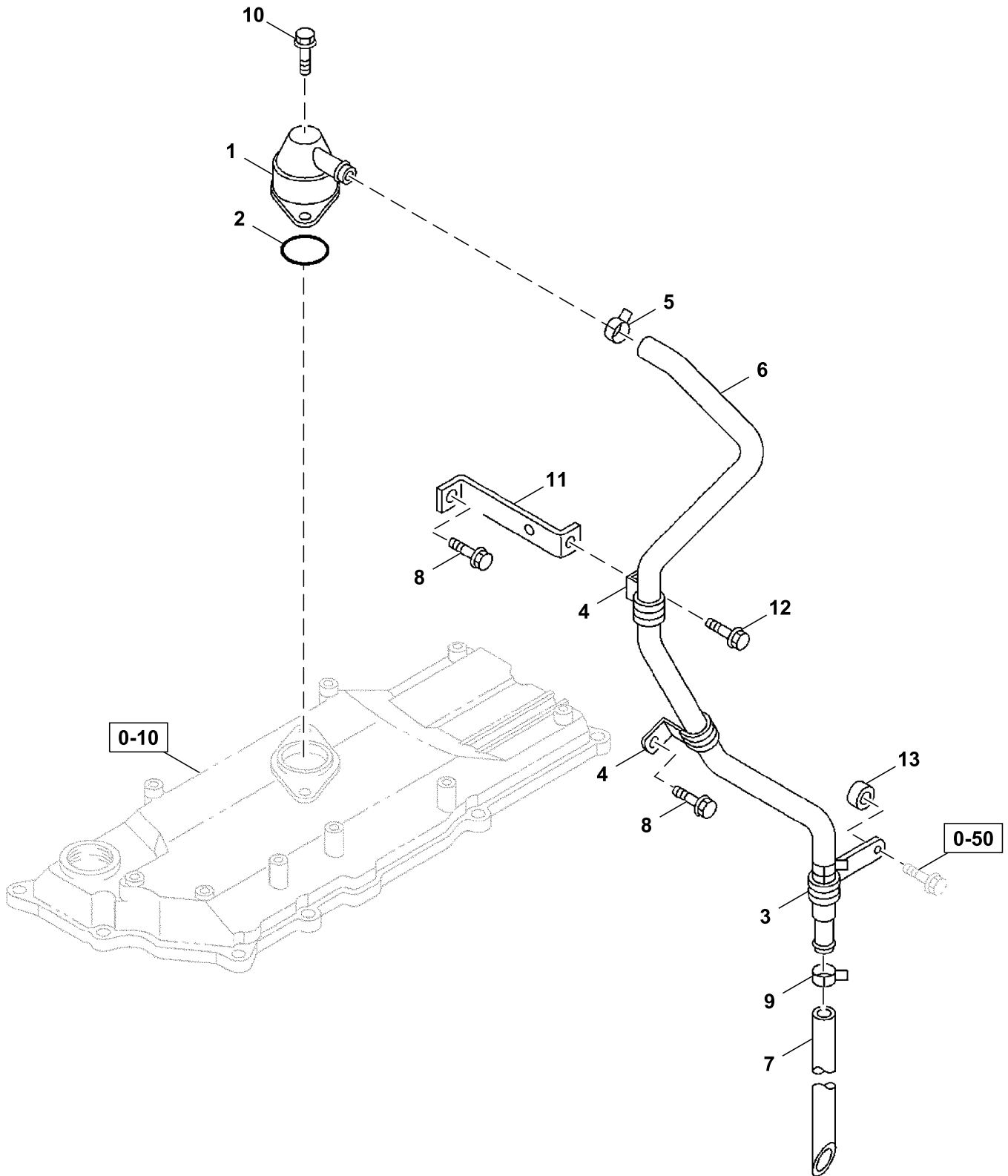
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04A Engine 4HK1XASA02A ( - 700001)  
0400 Engine Miscellaneous / Complete Engine 4HK1XASA02A

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
1	8981139771	Manifold	1		Exhaust
2	8971464992	Gasket	1		SUB FOR 8971464991, Also Included in Gasket Kit, Engine and Head
3	1095560150	Washer	2		
4	8970615430	Bolt	6		M10X60
5	0911105100	Nut	2		SUB FOR 9091105100
6	8972500731	Locking Collar	8		
7	8981651751	Latch	1		SUB FOR 8981651750
8	8981651761	Latch	1		SUB FOR 8981651760
9	0281510200	Bolt	2		M10X20

0-28 Engine Ventilation

TX1172094 A.1



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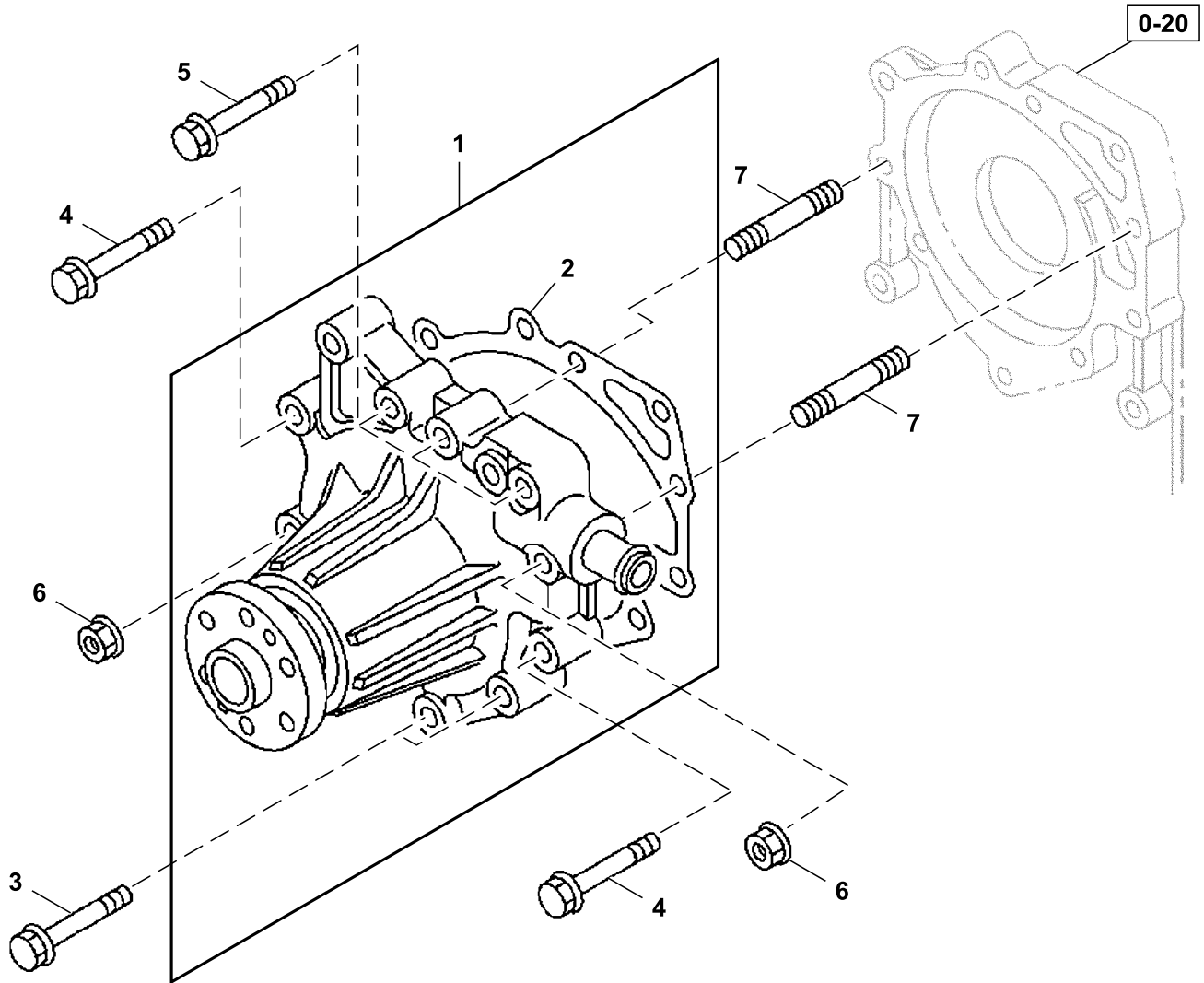
04A Engine 4HK1XASA02A ( - 700001)  
0400 Engine Miscellaneous / Complete Engine 4HK1XASA02A

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
1	1117401811	Breather	1		
2	1096235650	O-Ring	1		SUB FOR 1117401810
3	1097007041	Clip	1		Also Included In Gasket Kit, Engine
4	8976155680	Clip	2		
5	1097071500	Clip	1		
6	8982422110	Hose	1		
7	8982596140	Hose	1		
8	0280508160	Bolt	2		M8X16, SUB FOR 0280508120
9	1097071500	Clip	1		
10	0281510200	Bolt	1		M10X20
11	8981893360	Bracket	1		
12	0281510160	Bolt	1		M10X16, SUB FOR 0281810160
13	8943876581	Spacer	1		



0-30 Water Pump

TX1172095 A.1



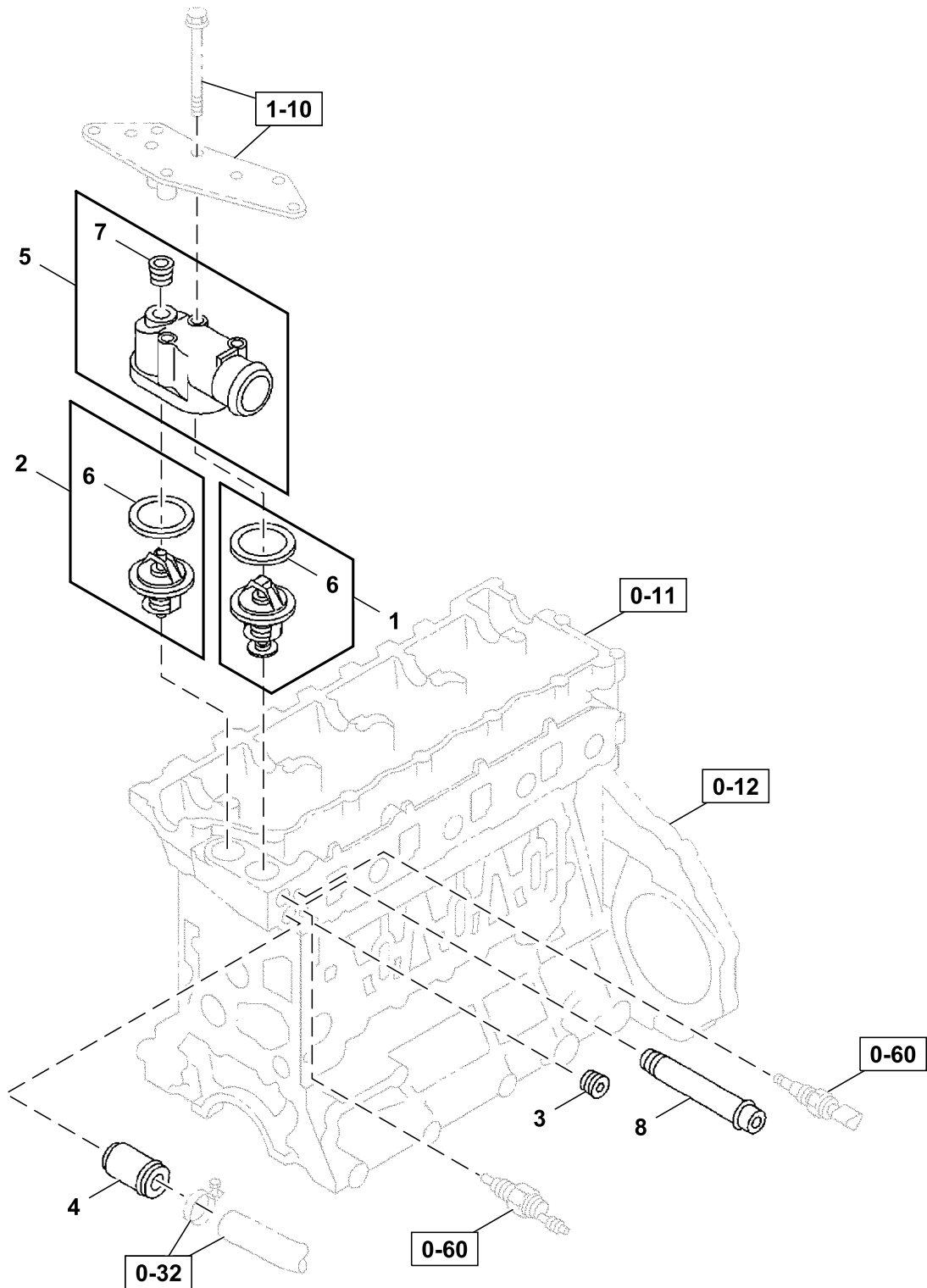
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04A Engine 4HK1XASA02A ( - 700001)  
0400 Engine Miscellaneous / Complete Engine 4HK1XASA02A

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
1	5873111091	Water Pump	1		SUB FOR 5873111090
2	8981148001	Gasket	1		SUB FOR 8981148000, Also Included In Gasket Kit, Engine
3	8944584731	Bolt	2		M8X48, SUB FOR 8944584730
4	0280608700	Bolt	3		M8X70, SUB FOR 0280908700
5	0281510700	Bolt	3		M10X70
6	0911801080	Nut	2		M8, SUB FOR 8940120390
7	8980170630	Stud	2		M8X71

0-31 Thermostat and Housing

TX1172096 A.1



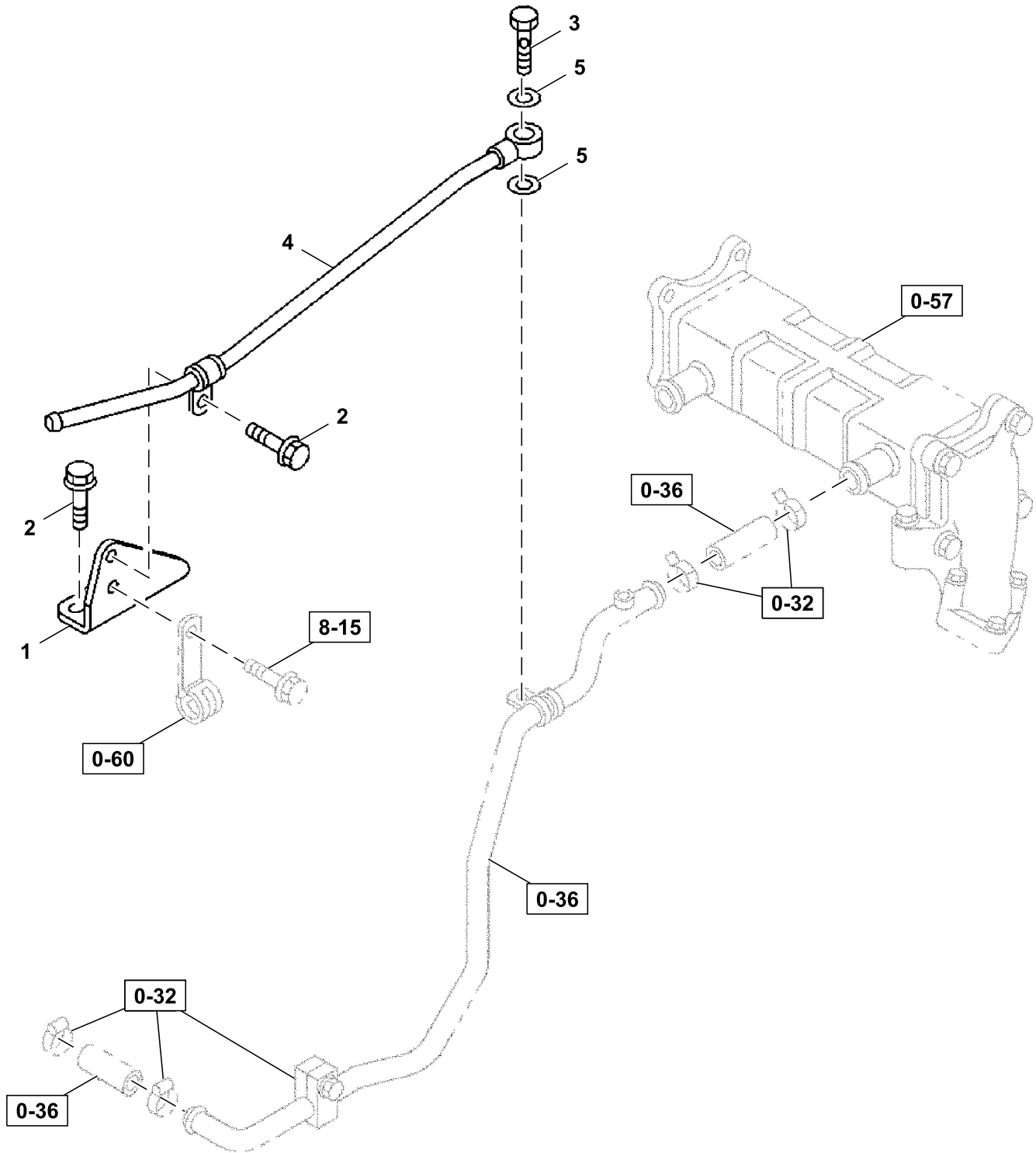
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**04A Engine 4HK1XASA02A ( - 700001)**  
**0400 Engine Miscellaneous / Complete Engine 4HK1XASA02A**

<i>Key</i>	<i>Part No.</i>	<i>Part Name</i>	<i>Qty.</i>	<i>Serial No.</i>	<i>Remarks</i>
1	8973007893	Thermostat	1		SUB FOR 8973007892, 82 Celsius
2	8982389101	Thermostat	1		SUB FOR 8982389100, 76 Celsius
3	5096050050	Pipe Plug	1		SUB FOR AT254825
4	8943425740	Pipe	1		
5	8943905201	Line	1		
6	8982802810	Gasket	1		Also Included In Gasket Set (Engine & Head)
7	8943905270	Plug	1		
8	1096605041	Fitting	1		

0-31 Thermostat Lines

TX1172097 A.1

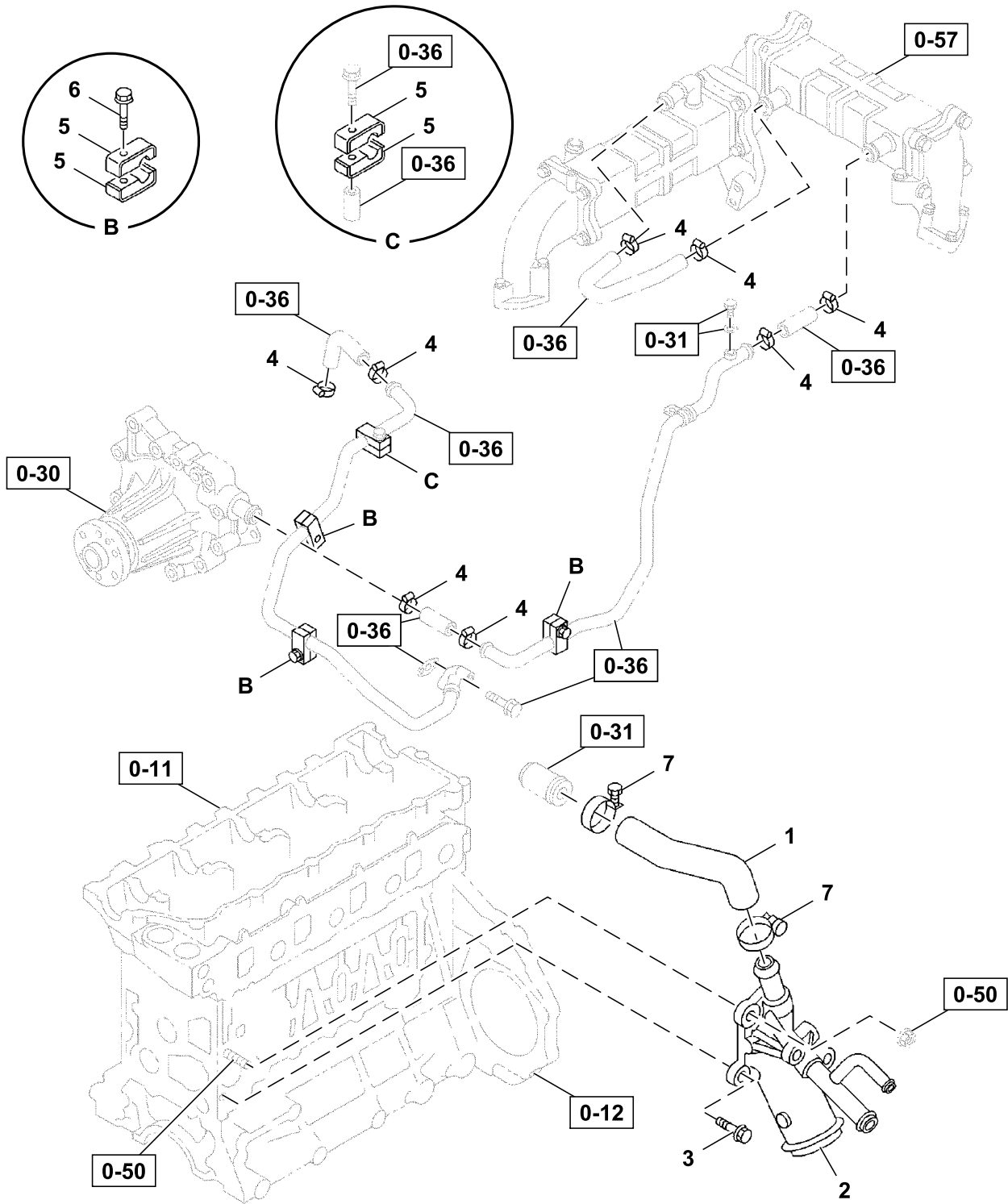


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Key	Part No.	Part Name	Qty.	Serial No.	Remarks
1	8982476970	Bracket	1		
2	0280508160	Bolt	2		
3	8982480331	Bolt	1		M8X16, SUB FOR 0280508120
4	8982477240	Pipe	1		
5	9095714100	Gasket	2		

0-32 Water Bypass Manifold Plumbing

TX1172098 A.1



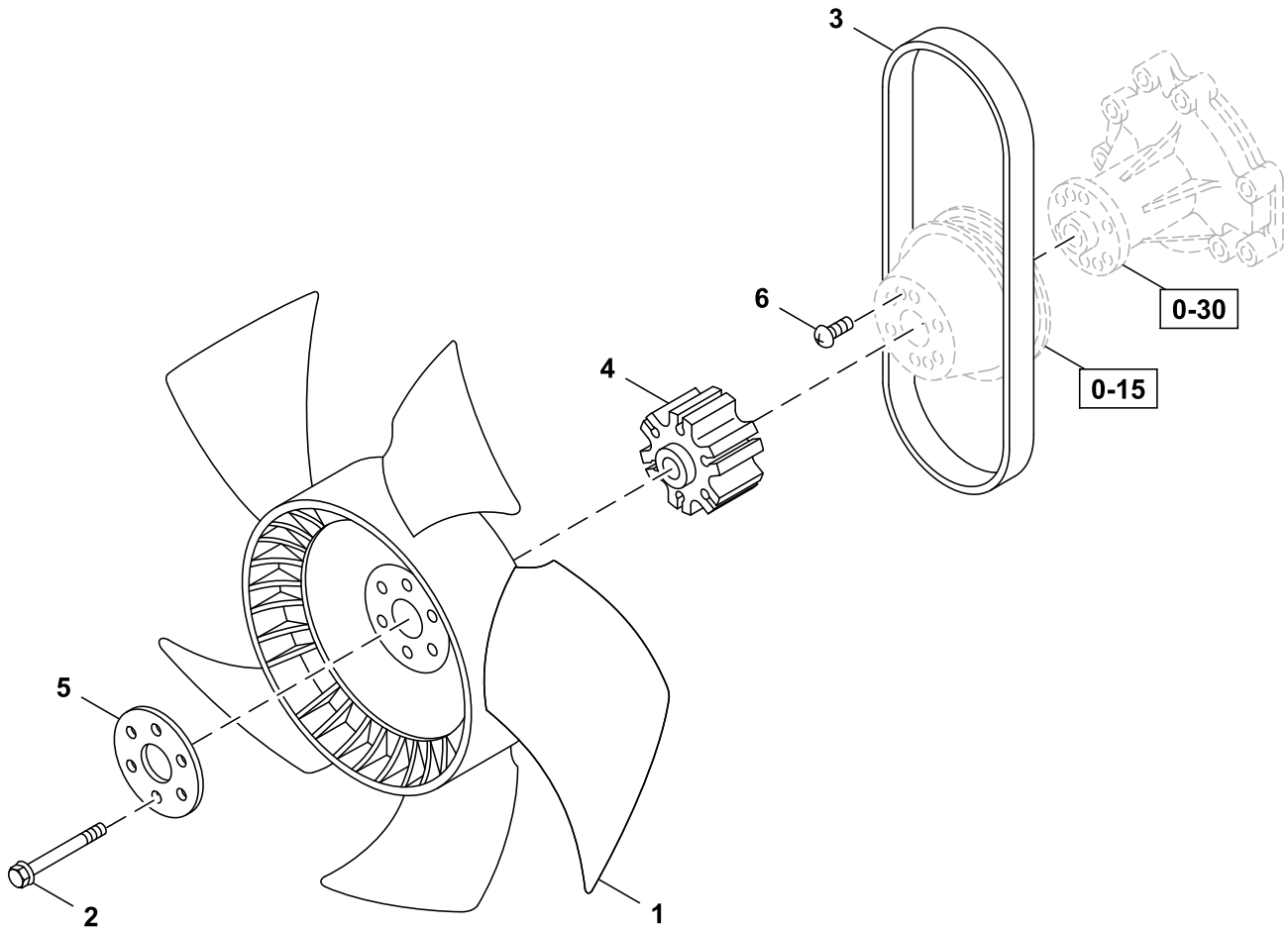
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Key	Part No.	Part Name	Qty.	Serial No.	Remarks
1	8972099491	Hose	1		
2	8982373370	Pipe	1		
3	8944584731	Bolt	1		M8X48, SUB FOR 8944584730
4	1097071330	Clip	8		SUB FOR 1097071320
5	8976033621	Clip	8		
6	0280508500	Bolt	3		M8X50, SUB FOR 0280808500
7	8970110950	Clip	2		SUB FOR 9099153151



0-33 Fan and Fan Belt

TX1190227 B.1



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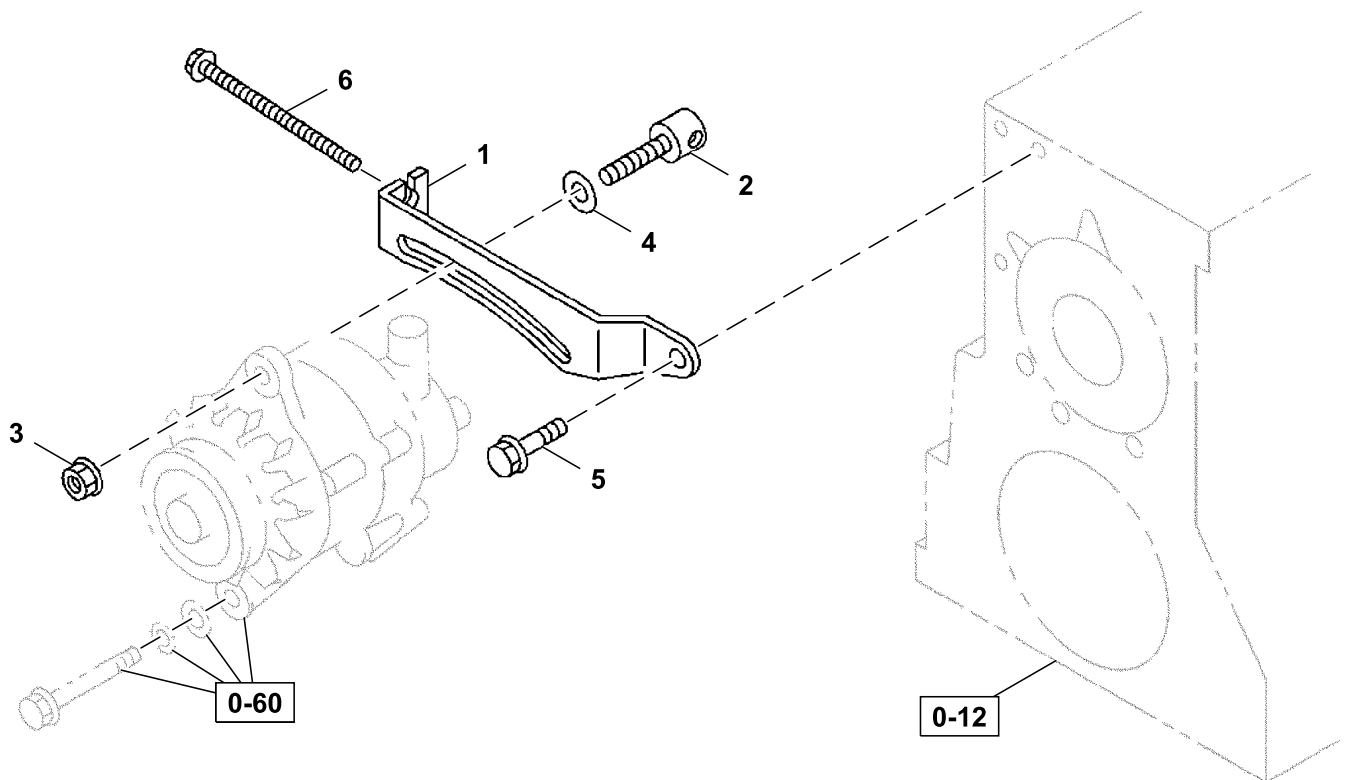
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<i>Key</i>	<i>Part No.</i>	<i>Part Name</i>	<i>Qty.</i>	<i>Serial No.</i>	<i>Remarks</i>
1	8980185071	Fan	1		
2	8978058411	Bolt	6		
3	8973628150	V-Belt	1		
4	8980352340	Spacer	1		
5	8980201440	Plate	1		
6	9034906100	Screw	2		

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0-33 Fan Motor Mounting

TX1172100 A.1



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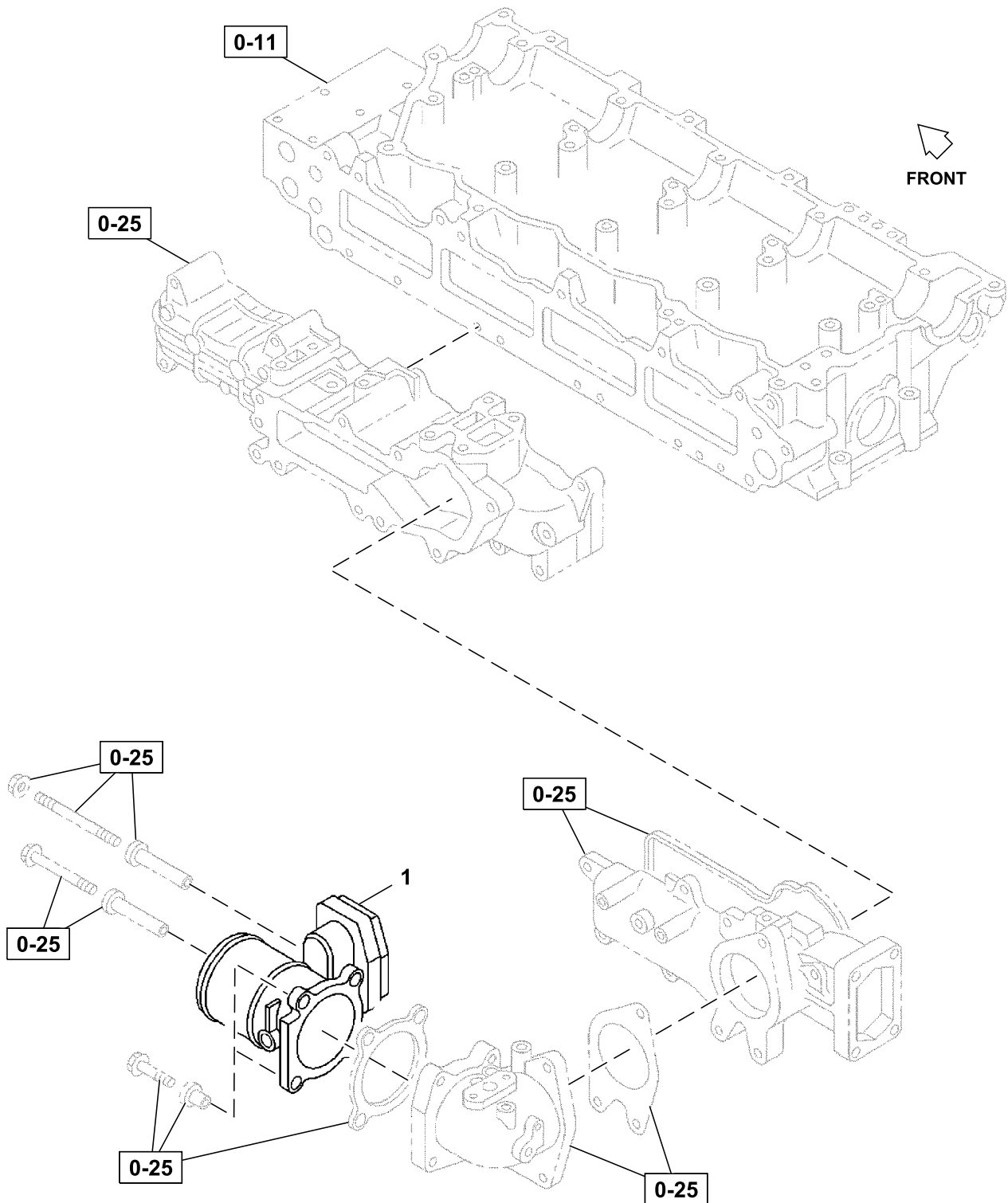
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Key	Part No.	Part Name	Qty.	Serial No.	Remarks
1	8973628450	Plate	1		
2	1136741600	Adjuster	1		
3	0911801120	Nut	1		M12, SUB FOR 0911501120
4	0916107120	Washer	1		
5	0281510200	Bolt	1		M10X20
6	1090091141	Bolt	1		M10X155

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0-35 Engine Throttle Control Valve

TX1172101 A.1



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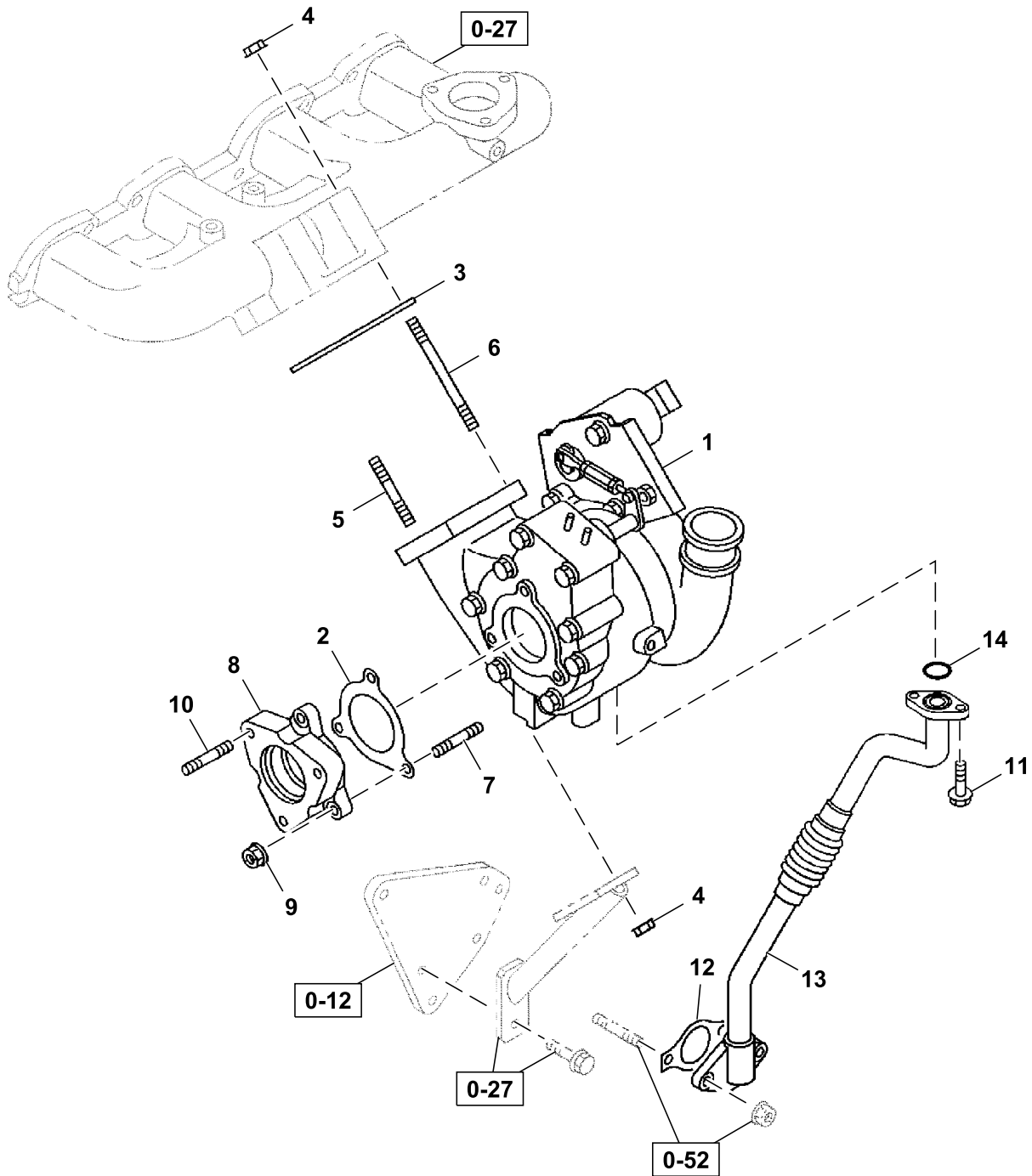
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<i>Key</i>	<i>Part No.</i>	<i>Part Name</i>	<i>Qty.</i>	<i>Serial No.</i>	<i>Remarks</i>
1	8981008994	Valve	1		SUB FOR 8981008991, 8981008992 OR 8981008993, Throttle

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0-36 Turbocharger

TX1172245 B.1



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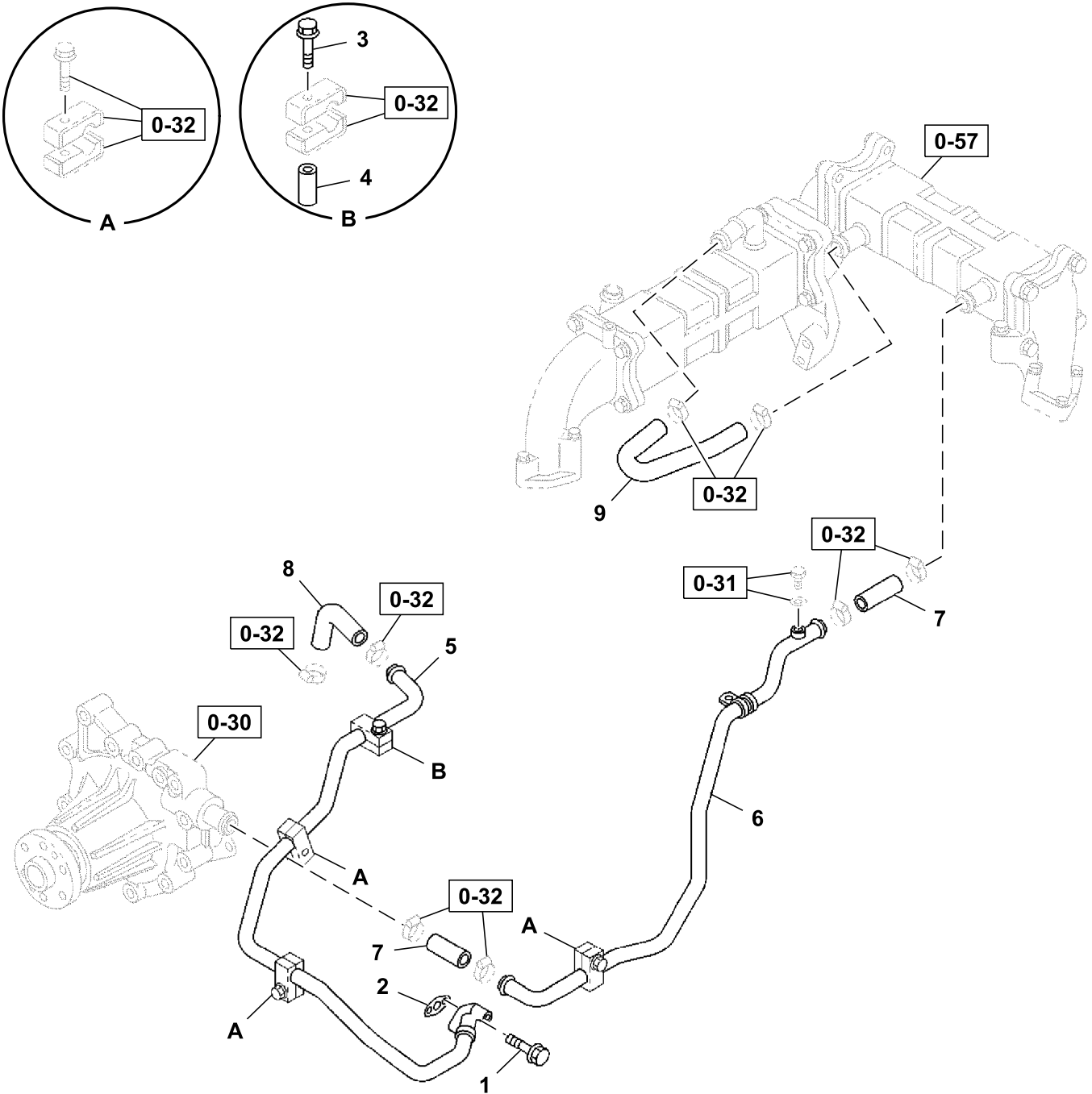
**04A Engine 4HK1XASA02A ( - 700001)**  
**0400 Engine Miscellaneous / Complete Engine 4HK1XASA02A**

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
1	8983250950	Turbocharger	1		SUB FOR 8982384740 AND 8982384741
2	4664929	Gasket	1		SUB FOR 8973767580, Also Included In Gasket Set, Engine & Head
3	8980462410	Gasket	1		Also Included In Gasket Set, Engine & Head
4	8973816170	Nut	4		
5	8973070752	Stud	2		
6	8980484460	Stud	2		
7	9041308250	Stud	3		
8	8982373490	Adapter	1		
9	14M7298	Flange Nut	3		M8, SUB FOR 8970614011
10	9041308250	Stud	3		
11	0505406160	Bolt	2		SUB FOR 0500806160
12	.....	Gasket	1		8943946710 NLA, Also Included In Gasket Set, Engine & Head
13	8981148030	Pipe	1		
14	1096234620	Gasket	1		



0-36 Heat Exchangers, Water Pump to Exhaust Gas Recirculation (EGR)

TX1172246 A.1



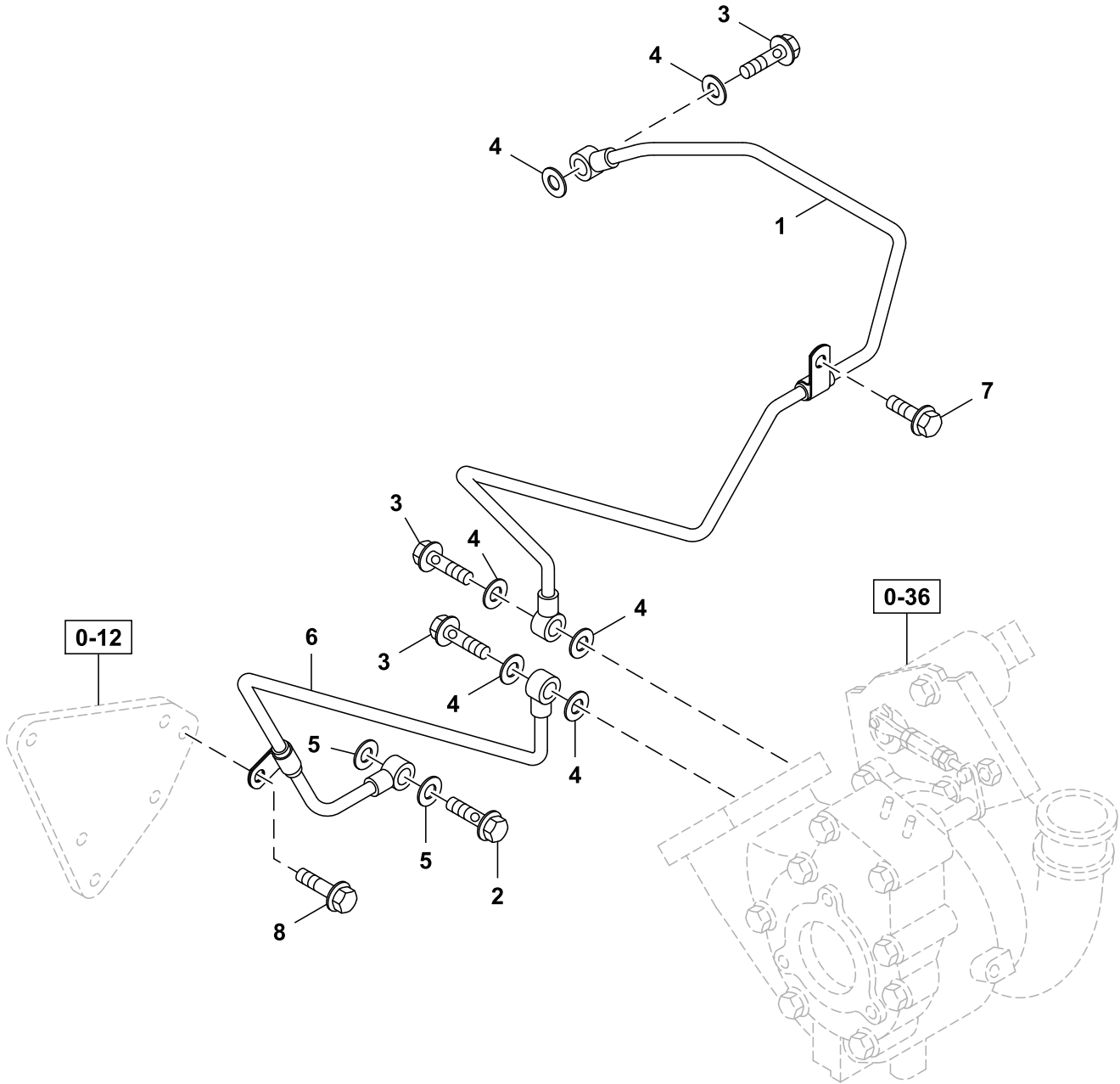
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**04A Engine 4HK1XASA02A ( - 700001)**  
**0400 Engine Miscellaneous / Complete Engine 4HK1XASA02A**

<i>Key</i>	<i>Part No.</i>	<i>Part Name</i>	<i>Qty.</i>	<i>Serial No.</i>	<i>Remarks</i>
1	0280508500	Bolt	2		M8X50, SUB FOR 0280808500
2	8980961660	Gasket	1		Also Included In Gasket Kit, Engine
3	0280508000	Bolt	1		M8X100
4	1113691570	Spacer	1		
5	8981232461	Pipe	1		Water Pump to Exhaust Gas Recirculation (EGR)
6	8981232472	Pipe	1		Water Pump to Exhaust Gas Recirculation (EGR)
7	0035743000	Hose	2		Exhaust Gas Recirculation (EGR) To Water Pump Hose
8	8981261860	Hose	1		Water Pump to Exhaust Gas Recirculation (EGR)
9	8981261870	Hose	1		Exhaust Gas Recirculation (EGR)

0-36 Turbocharger Cooling Plumbing

TX1172247 B.1



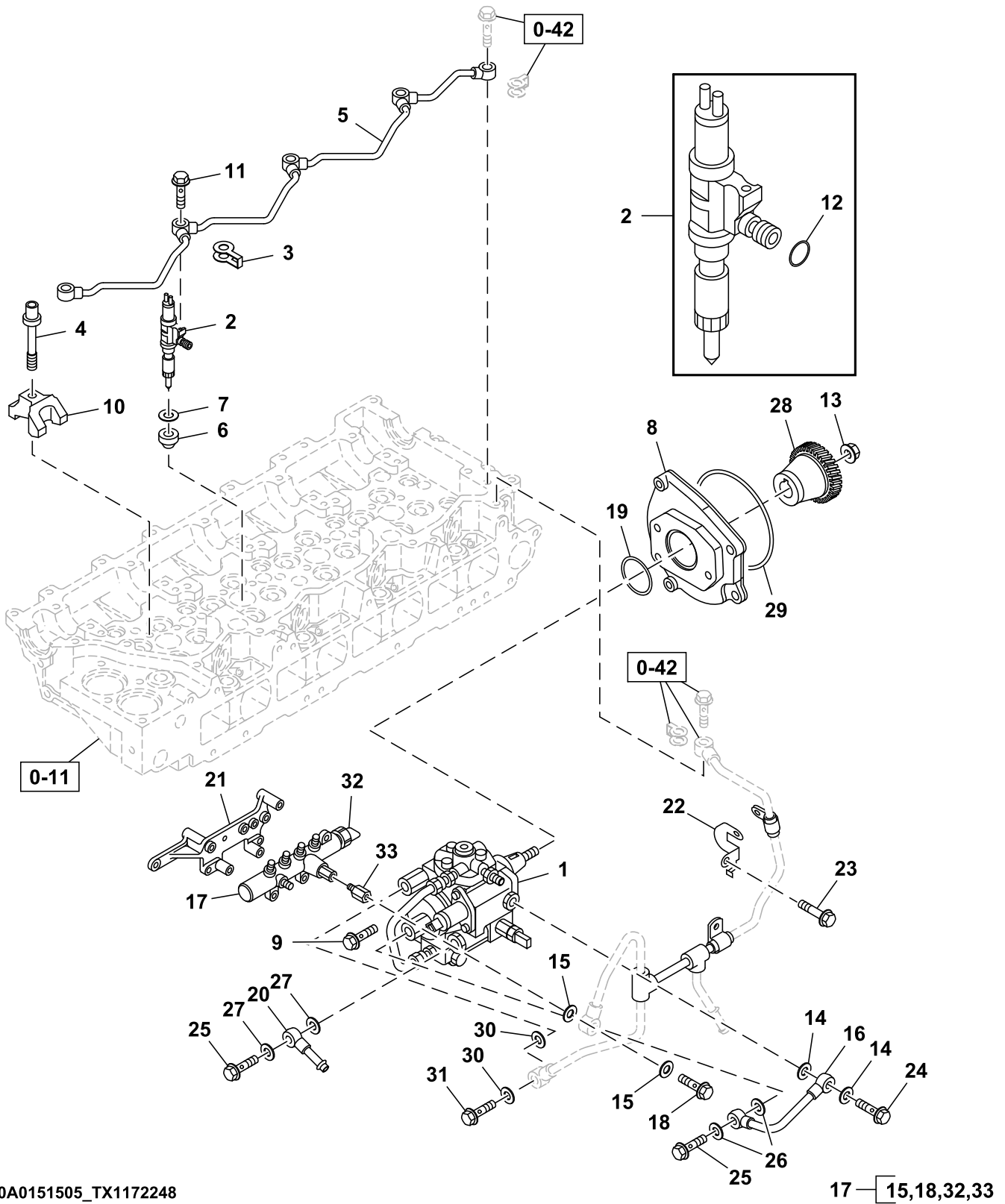
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04A Engine 4HK1XASA02A ( - 700001)  
0400 Engine Miscellaneous / Complete Engine 4HK1XASA02A

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
1	8981519150	Pipe	1		
2	8944551440	Bolt	1		M14X30
3	8944369330	Bolt	3		M12X28
4	9095714120	Gasket	6		Also Included In Gasket Kit, Engine
5	8982513450	Packing	2		Also Included In Gasket Kit, Engine
6	8981148041	Pipe	1		
7	0280508160	Bolt	1		M8X12, SUB FOR 0280508120
8	0280508250	Bolt	1		M8X25, SUB FOR 0280808250

0-40 Fuel Injection System

TX1172248 E.1



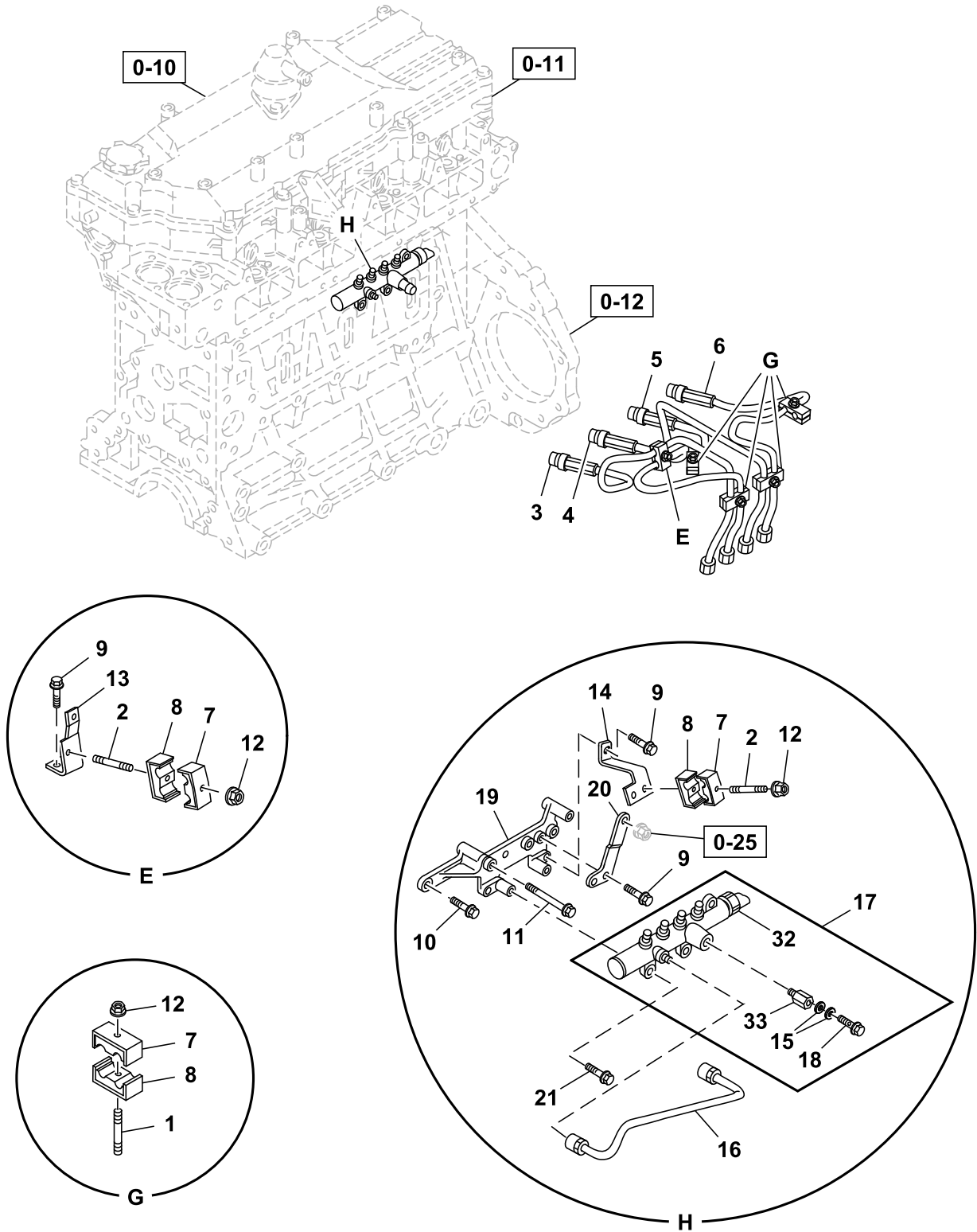
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**04A Engine 4HK1XASA02A ( - 700001)**  
**0400 Engine Miscellaneous / Complete Engine 4HK1XASA02A**

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
1	8980817724	Pump	1		SUB FOR 8980817723, Components On Separate Page
2	8982384631	Electronic Unit Injector	4		
3	8980659920	Gasket	4		SUB FOR 8976009250, Also Included in Gasket Set (Engine and Head)
4	8980088950	Bolt	4		SUB FOR 8943909891
5	8973060810	Line	1		
6	8980792480	Gasket	4		SUB FOR 8976014472, Also Included in Gasket Set (Engine and Head)
7	8941734120	Gasket	4		Also Included in Gasket Set (Engine and Head)
8	8982365830	Bracket	1		
9	0286508300	Bolt	3		SUB FOR 8970297050
10	8980289991	Bracket	4		
11	1096750371	Bolt	4		
12	0956901110	Gasket	1		Also Included in Gasket Set (Engine and Head)
13	0911802140	Nut	1		
14	1156195070	Gasket	2		Also Included in Gasket Set (Engine)
15	8976022180	Gasket	2		Also Included in Gasket Set (Engine)
16	8982465671	Pipe	1		
17	8982446690	Fuel Rail	1		
18	8980358280	Eyebolt	1		SUB FOR 8980430330
19	8980318440	Gasket	1		SUB FOR 1096233000, Also Included in Gasket Set (Engine)
20	8981263320	Pipe	1		
21	8982365900	Bracket	1		
22	8980450081	Bracket	1		
23	0280508160	Bolt	1		SUB FOR 0280508120
24	8982007520	Bolt	1		
25	5157590030	Eyebolt	2		
26	1156195070	Gasket	2		Inlet
27	1156195070	Gasket	2		Outlet
28	8976016981	Gear	1		
29	8970392001	Gasket	1		Also Included in Gasket Set (Engine)
30	8976022180	Gasket	2		
31	8980358280	Eyebolt	1		SUB FOR 8980430330
32	8981387360	Sensor	1		Rail Pressure
33	8981386950	Pressure Switch	1		Rail Pressure

0-40 Fuel Injection Lines

TX1172249 D.1



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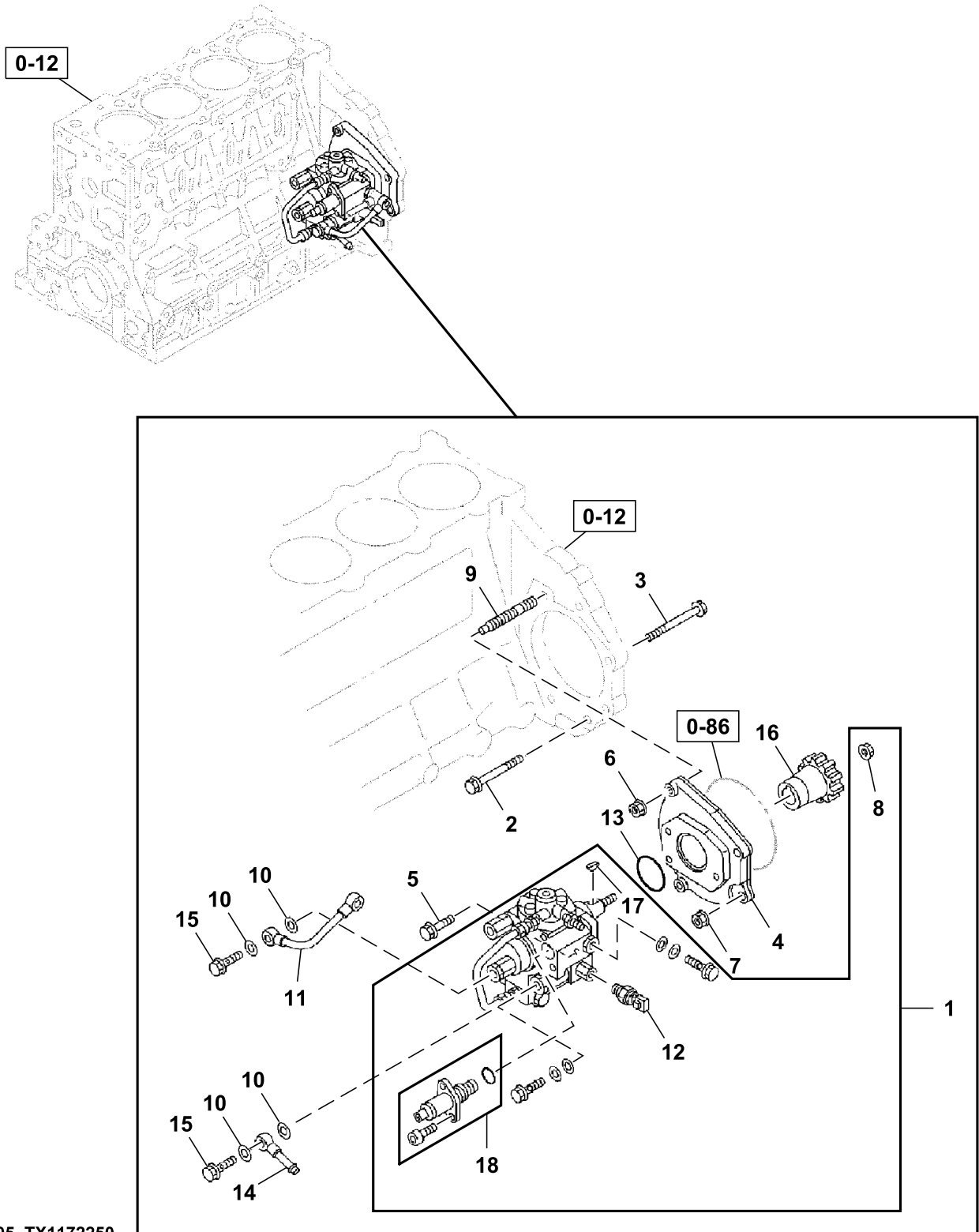
**04A Engine 4HK1XASA02A ( - 700001)**  
**0400 Engine Miscellaneous / Complete Engine 4HK1XASA02A**

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
1	0410106300	Stud	4		
2	8972032780	Stud	2		
3	8982373500	Pipe	1		
4	8982373510	Pipe	1		
5	8982373520	Pipe	1		
6	8982373530	Pipe	1		
7	8973301183	Clip	6		SUB FOR 8973301182
8	8973301193	Clip	6		SUB FOR 8973301192
9	0280508160	Bolt	3		M8X16, SUB FOR 0280508120
10	0280508250	Bolt	1		M8X25, SUB FOR 0280808250
11	0280808600	Bolt	1		M8X60, SUB FOR 0280508600, 8941583930 AND 8941583931
12	14M7303	Flange Nut	6		M6, SUB FOR 0911801060
13	8980010410	Bracket	1		Injection Pipe
14	8982373560	Bracket	1		Fuel Pipe
15	8976022180	Gasket	2		Also Included In Gasket Kit, Engine
16	8982373540	Pipe	1		
17	8982446690	Fuel Rail	1		
18	8980358280	Eyebolt	1		M14X26, SUB FOR 8980430330
19	8982365900	Bracket	1		Fuel Rail
20	8982373480	Bracket	1		Fuel Rail
21	0280508250	Bolt	3		M8X25, SUB FOR 0280808250
32	8981387360	Sensor	1		Rail Pressure
33	8981386950	Pressure Switch	1		Rail Pressure



0-40 Fuel Injection System Support

TX1172250 A.1



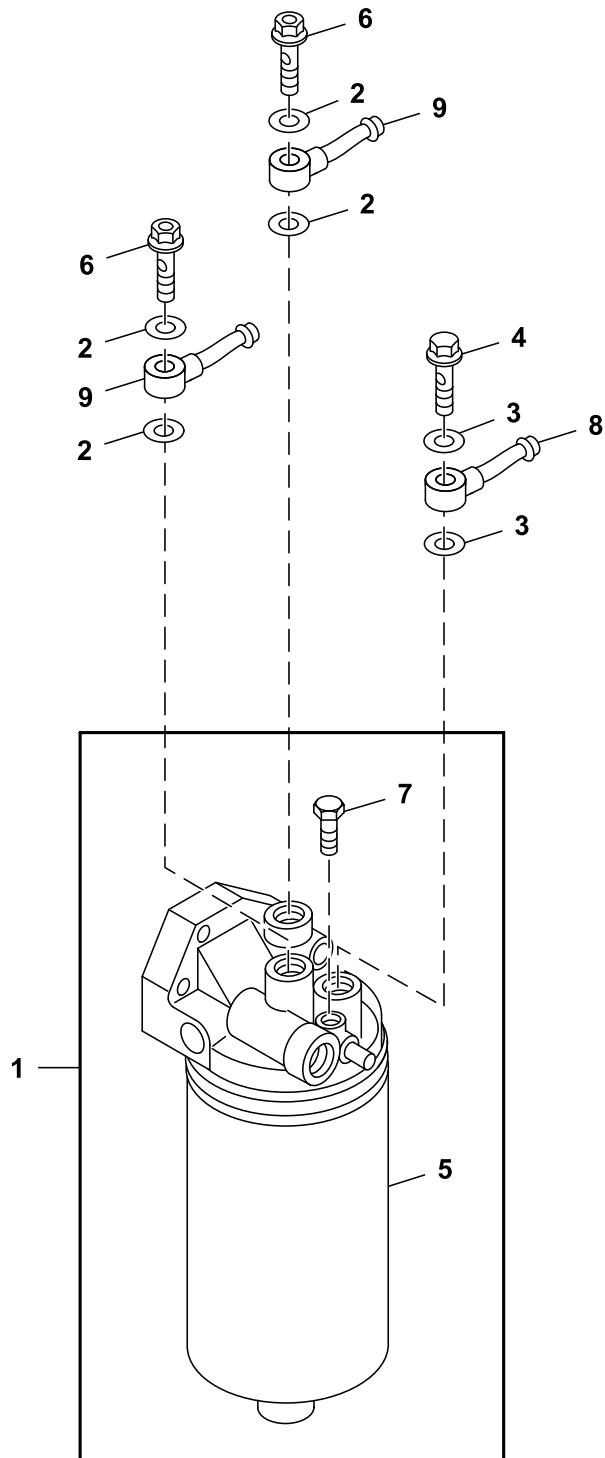
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**04A Engine 4HK1XASA02A ( - 700001)**  
**0400 Engine Miscellaneous / Complete Engine 4HK1XASA02A**

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
1	8980817724	Pump	1		SUB FOR 8980817723, Fuel Injection
2	0281510500	Bolt	1		
3	0281512000	Bolt	1		
4	8982365830	Bracket	1		SUB FOR 8970297050
5	0286508300	Bolt	3		
6	0911801100	Nut	2		
7	0911802120	Nut	1		SUB FOR 8970663861
8	0911802140	Nut	1		
9	8973632370	Stud	2		
10	1156195070	Gasket	4		Also Included in Gasket Set (Engine)
11	8982465671	Pipe	1		Fuel Temperature, SUB FOR 8972385960
12	8980235810	Fuel Temperature Sensor	1		
13	8980318440	Gasket	1		SUB FOR 1096233000, Also Included in Gasket Set (Engine)
14	8981263320	Pipe	1		
15	5157590030	Eyebolt	2		
16	8976016981	Gear	1		SUB FOR 8981455011
17	8981619950	Key	1		
18	8981455010	Suction Control Valve	1		

0-41 Final Fuel Filter

TX1172251 B.1



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**04A Engine 4HK1XASA02A ( - 700001)**  
**0400 Engine Miscellaneous / Complete Engine 4HK1XASA02A**

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
1	8982394655	Fuel Filter	1		Final, SUB FOR 8982394650, 8982394654 AND 8982394652
2	1096300860	Gasket	4		Also Included In Gasket Set, Engine, SUB FOR 4634979
3	8982513450	Packing	2		
4	8982385990	Valve	1		Fuel Overflow
5	8983129180	Filter Element	1		Final Fuel Filter, Includes Gasket, SUB FOR 8982394641 AND 8982394640
6	1096750951	Eyebolt	2		SUB FOR 4634716
7	8983673800	Valve	1		Fuel Filter, SUB FOR 8980088460 AND 8980088461
8	4452162	Line	1		SUB FOR 5154112231
9	8973834270	Line	2		SUB FOR 4634911

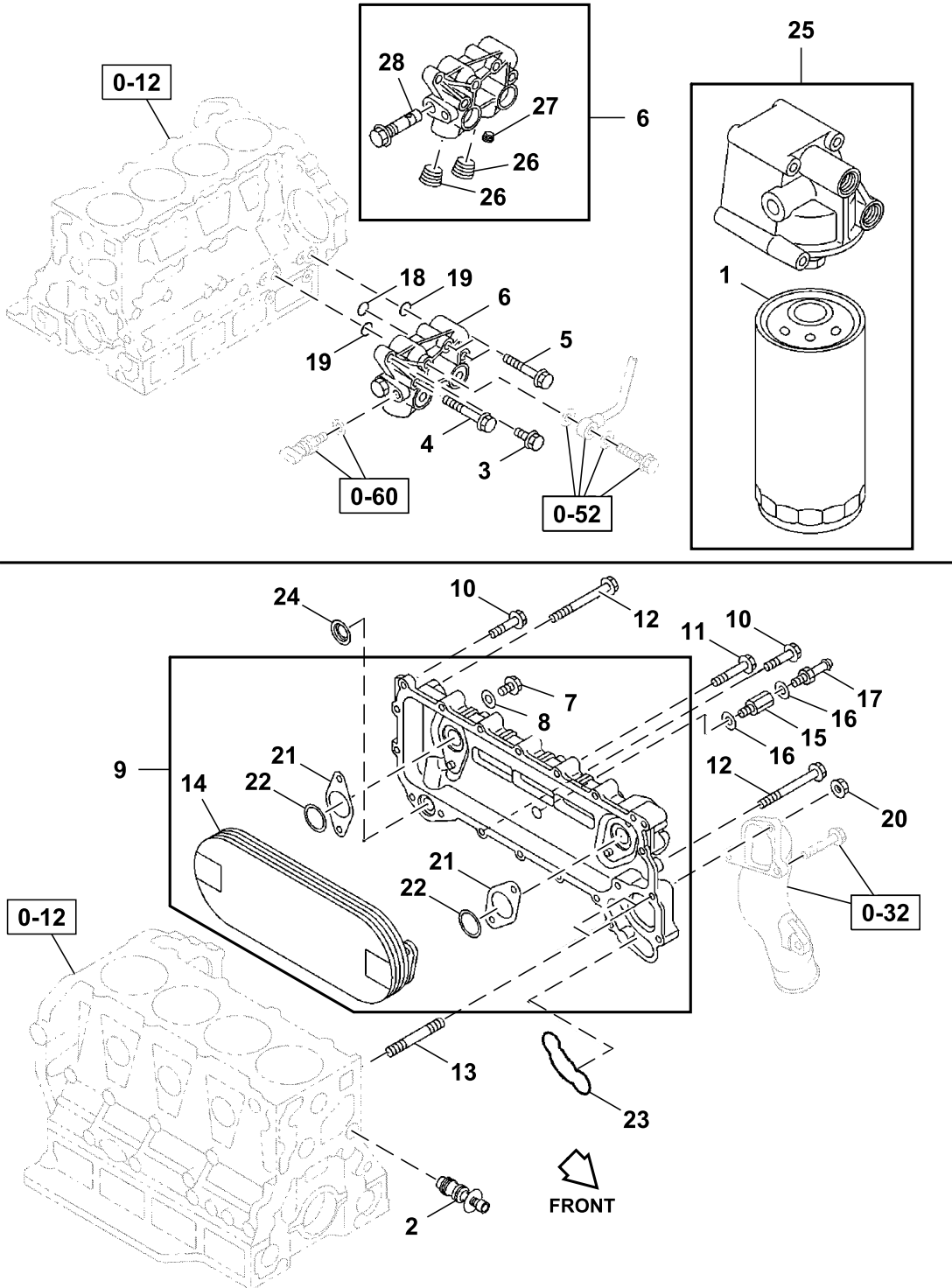


04A Engine 4HK1XASA02A ( - 700001)  
0400 Engine Miscellaneous / Complete Engine 4HK1XASA02A

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
1	14M7303	Flange Nut	2		M6, SUB FOR 0911801060
2	8982313930	Gasket	1		Also Included in Gasket Set (Engine and Head)
3	8980797550	Gasket	1		Also Included in Gasket Set (Engine and Head)
4	0280506120	Bolt	1		SUB FOR 0280806120
5	8943967110	Bolt	2		
6	8982373550	Pipe	1		
7	0410106120	Stud	2		

0-50 Engine Oil Cooler

TX1172389 A.1



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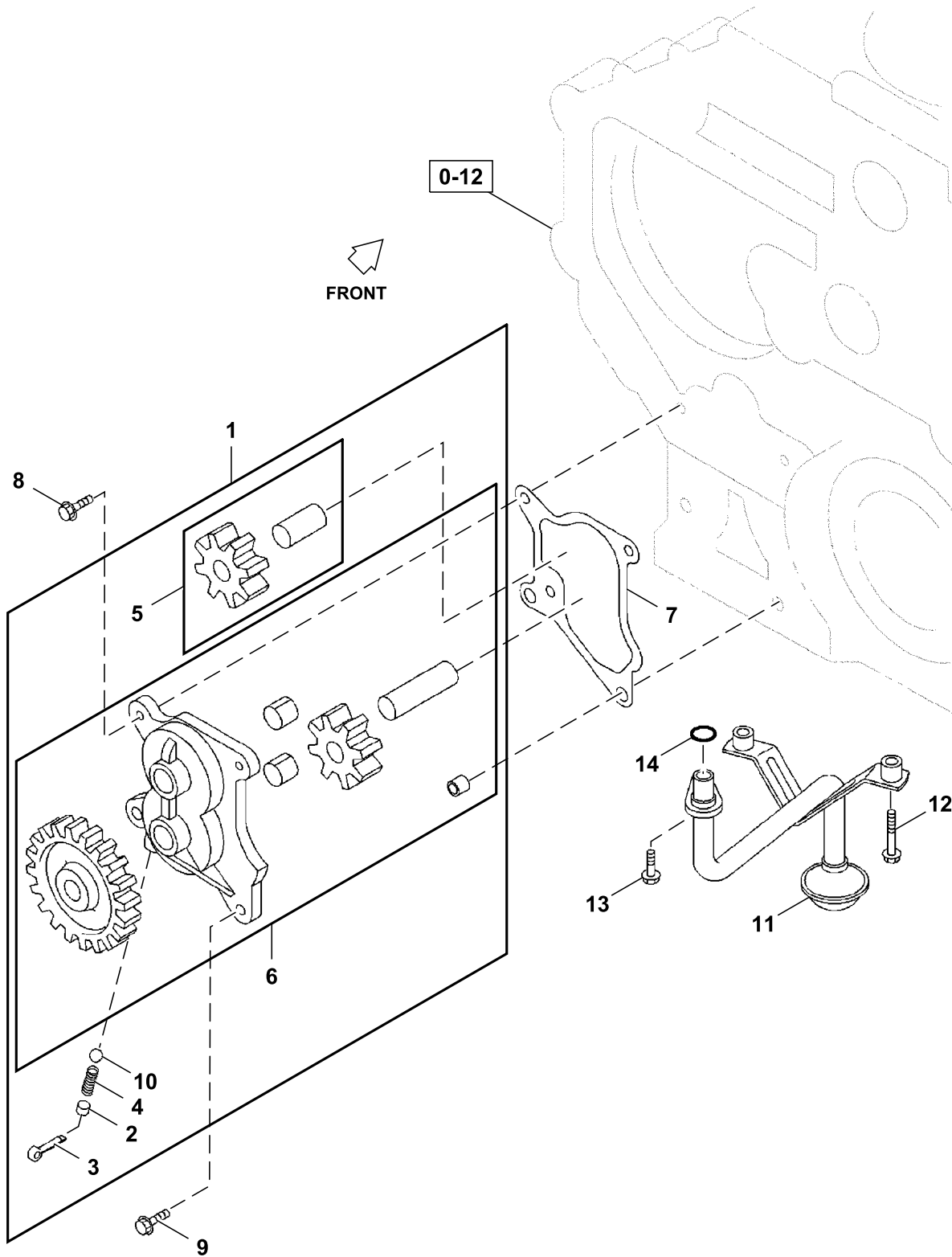
**04A Engine 4HK1XASA02A ( - 700001)**  
**0400 Engine Miscellaneous / Complete Engine 4HK1XASA02A**

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
1	8983758600	Filter Element	1		SUB FOR 8983020751, 8983020750R, 8983020750 AND 1132402322, Oil Filter Bypass
2	8970135662	Valve	1		
3	0281510250	Bolt	1		
4	0281510000	Bolt	1		SUB FOR 0281810000
5	0281510900	Bolt	2		
6	8981097111	Cover	1		Oil Port, SUB FOR 8981097110
7	0208510160	Bolt	4		SUB FOR 0208010160
8	8981354640	Gasket	4		
9	8980690204	Oil Cooler	1		SUB FOR 8980690202 OR 8980690203
10	19M7866	Screw	8		M8 X 20, SUB FOR 0280508200 AND 0280808200
11	0280808400	Bolt	7		SUB FOR 0280508400 AND AT259927
12	1090440730	Bolt	2		SUB FOR 9029558750
13	8970163140	Stud	2		
14	8981227860	Core	1		
15	8944619651	Adapter Fitting	1		
16	1096301410	Gasket	2		Also Included in Gasket Set (Engine)
17	8981475390	Pipe	1		
18	8943993390	Gasket	1		SUB FOR 8943997130, Also Included in Gasket Set (Engine)
19	8943993990	Gasket	2		Also Included in Gasket Set (Engine)
20	0911801080	Nut	2		SUB FOR 8940120390
21	8981227830	Gasket	2		
22	8981227840	Gasket	2		
23	8943388781	Gasket	1		Also Included in Gasket Set (Engine)
24	8980454470	Gasket	1		Also Included in Gasket Set (Engine)
25	8983758660	Oil Filter	1		SUB FOR 8983042430, 8983042431 OR 8973243861
26	1096050250	Pipe Plug	2		
27	5096050192	Pipe Plug	1		SUB FOR 1096050500, AT254812, 1096050502, 5096050190 AND 5096050191
28	1131600350	Pressure Relief Valve	1		



0-51 Engine Oil Pump And Strainer

TX1172390 A.1



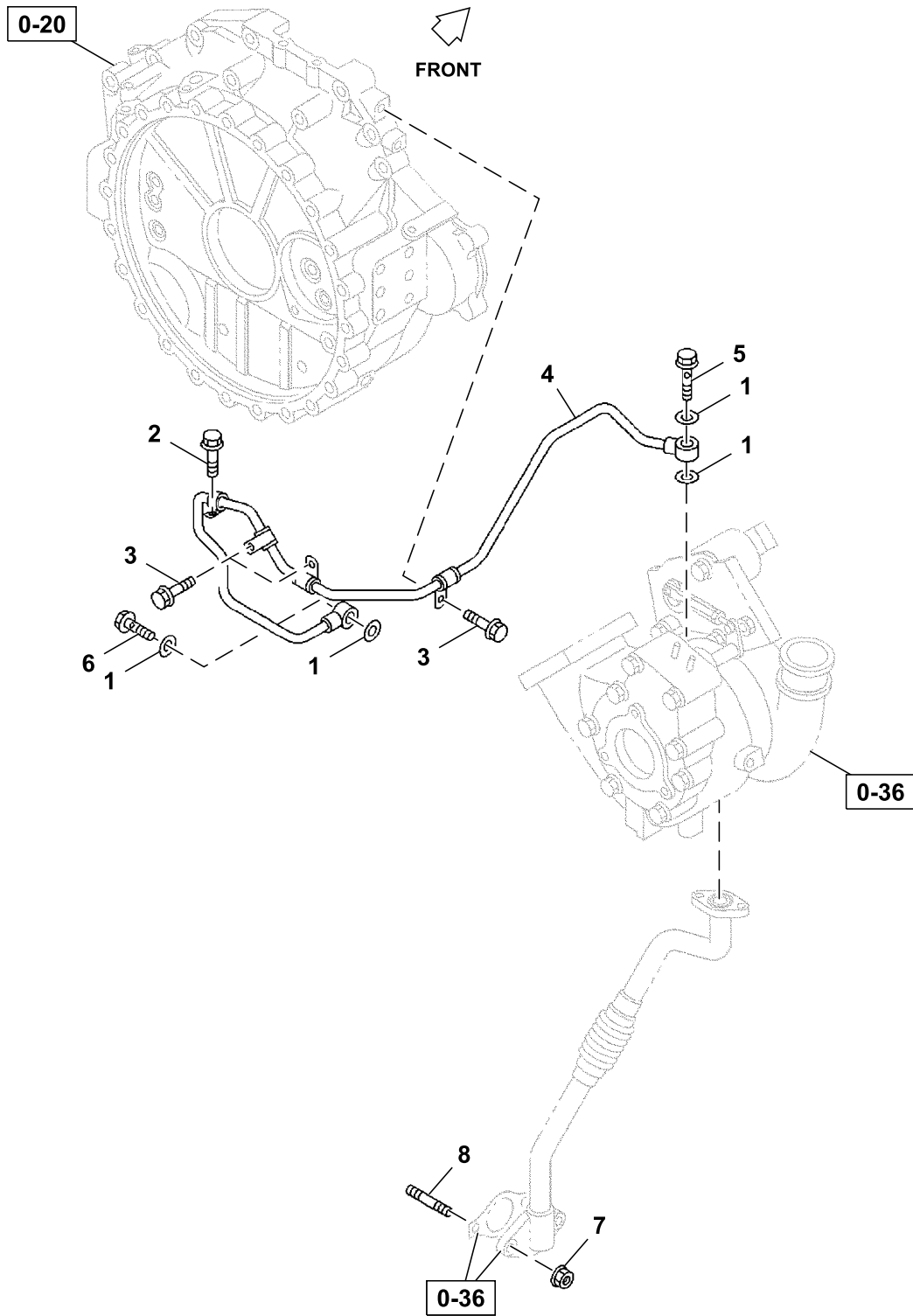
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**04A Engine 4HK1XASA02A ( - 700001)**  
**0400 Engine Miscellaneous / Complete Engine 4HK1XASA02A**

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
1	1131003133	Oil Pump	1		SUB FOR 1131003132
2	5131650040	Plate	1		
3	0811240300	Pin	1		SUB FOR 9081040300 AND 9081140300
4	5095800980	Spring	1		
5	8943925590	Gear	1		
6	1131200902	Gear	1		SUB FOR 1131200901
7	1096236850	Gasket	1		Also Included In Gasket Kit, Engine
8	0280608250	Bolt	2		M8X25, SUB FOR 0280908250
9	0280908300	Bolt	2		M8X30, SUB FOR 0280608300
10	5098430030	Ball	1		
11	8981218760	Strainer	1		Oil Pump
12	0281510000	Bolt	2		M10X100, SUB FOR 0281810000
13	0280608160	Bolt	1		M8X16
14	8943993980	Gasket	1		SUB FOR 8971375010, Also Included In Gasket Kit, Engine

0-52 Engine Oil Vacuum Lines To Timing Gear Case and Flywheel

TX1172391 A.1



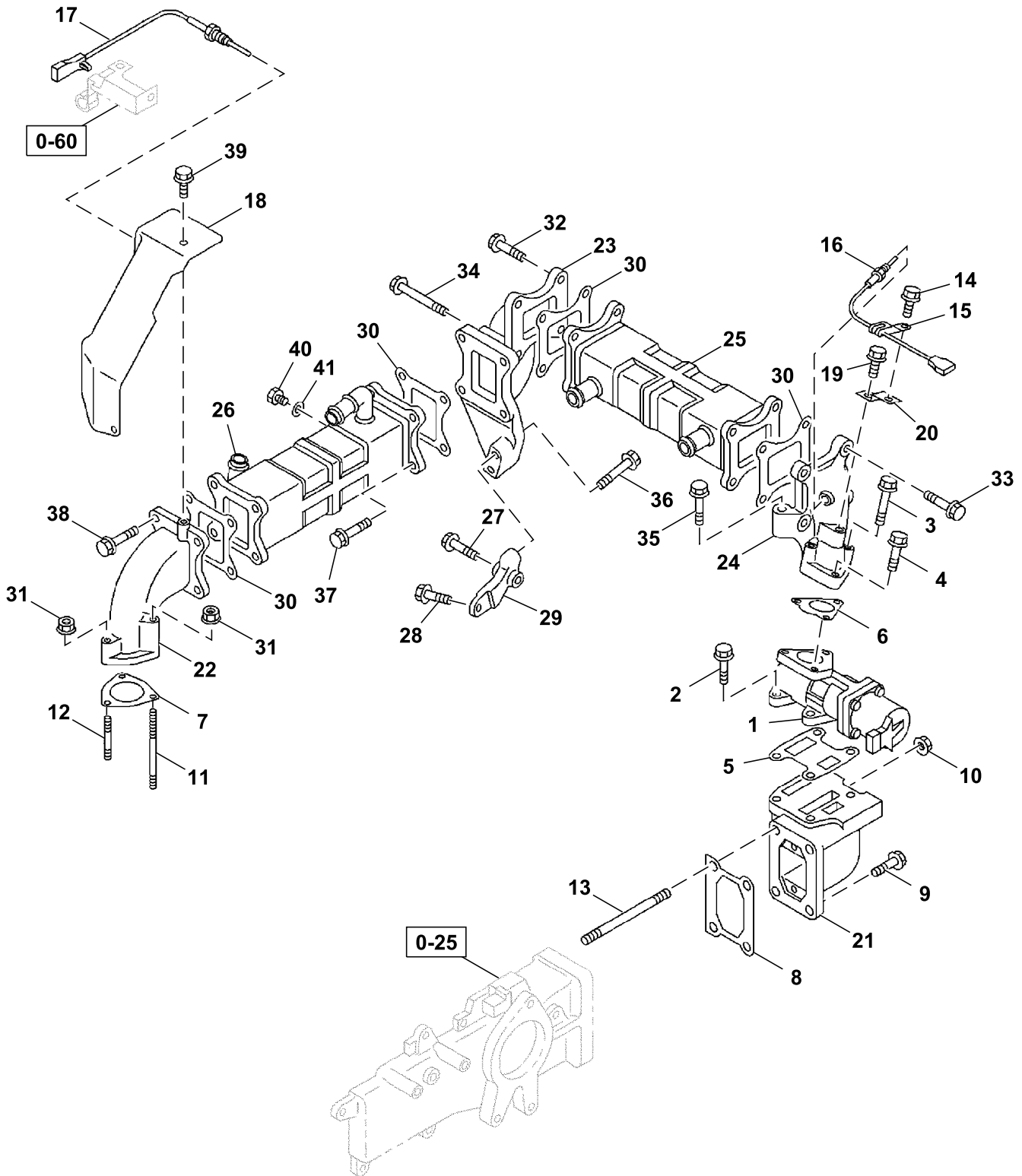
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04A Engine 4HK1XASA02A ( - 700001)  
0400 Engine Miscellaneous / Complete Engine 4HK1XASA02A

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
1	9095714100	Gasket	4		Also Included in Gasket Set (Engine)
2	0280508160	Bolt	1		SUB FOR 0280508120
3	0280908120	Bolt	3		SUB FOR 0280608120
4	8981148010	Pipe	1		
5	8944707710	Bolt	1		SUB FOR 8941077132
6	8980378230	Bolt	1		
7	0911801080	Nut	2		SUB FOR 8940120390
8	0410108200	Stud	2		SUB FOR 9041108200

0-57 Exhaust Gas Recirculation (EGR)

TX1172392 A.1



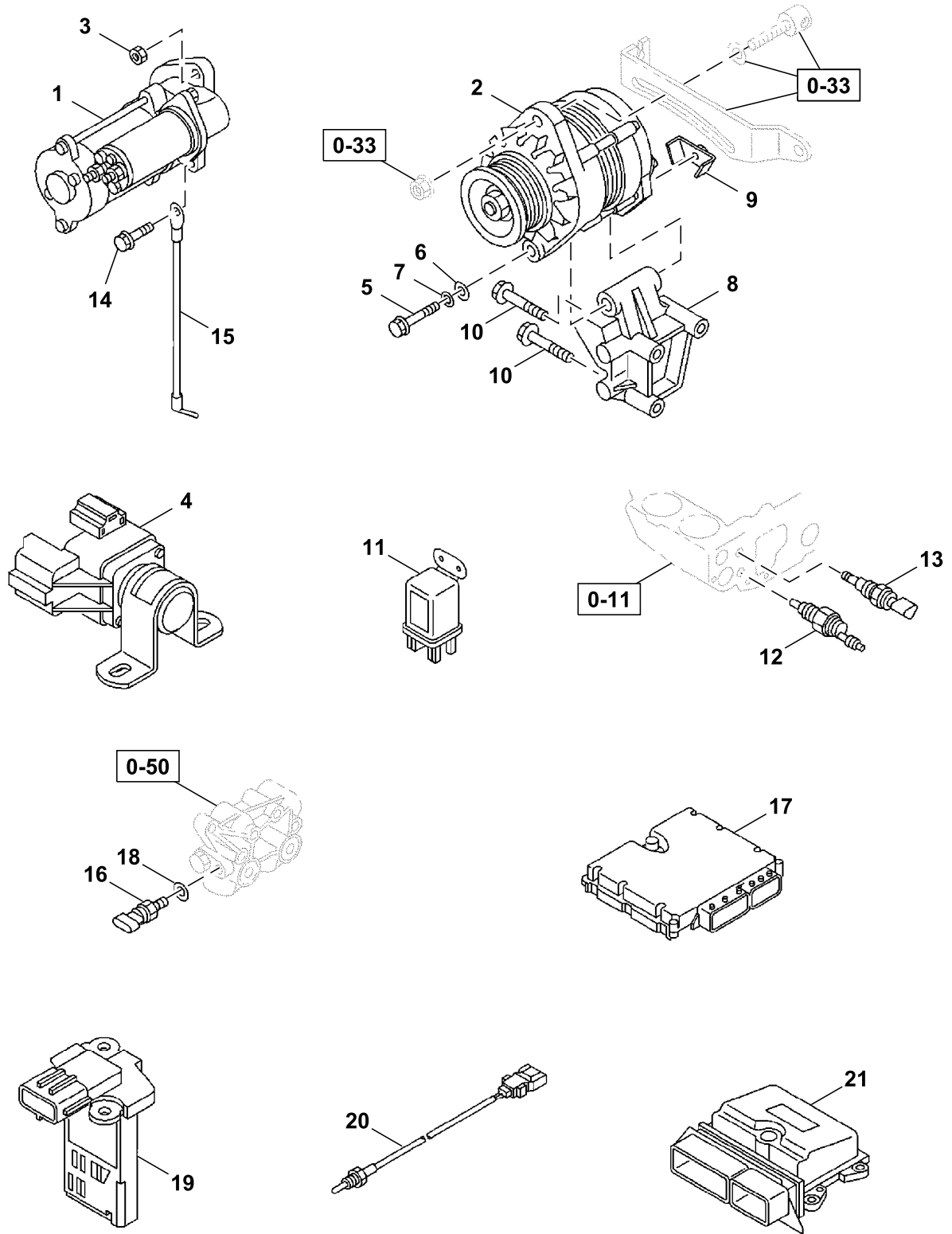
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**04A Engine 4HK1XASA02A ( - 700001)**  
**0400 Engine Miscellaneous / Complete Engine 4HK1XASA02A**

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
1	8982391292	Valve	1		SUB FOR 8982391290, Exhaust Gas Recirculation (EGR)
2	0280508250	Bolt	4		SUB FOR 0280808250
3	0280808600	Bolt	2		SUB FOR 0280508600, 8941583930 AND 8941583931
4	0280808350	Bolt	1		SUB FOR 0280508350
5	8980010240	Gasket	1		Also Included in Gasket Set (Engine)
6	8980010230	Gasket	1		Also Included in Gasket Set (Engine)
7	8980461921	Gasket	1		SUB FOR 8980461920, Also Included in Gasket Set (Engine)
8	8973745170	Gasket	1		Also Included in Gasket Set (Engine)
9	0281810300	Bolt	2		SUB FOR 0281510300 AND 0281210300
10	0911801100	Nut	2		
11	8941558690	Stud	1		
12	8973780670	Stud	2		SUB FOR 8971045071
13	1093021590	Stud	2		SUB FOR 1093021070
14	0280508160	Bolt	1		SUB FOR 0280508120
15	8973679851	Clip	1		SUB FOR 8973679850
16	8980283980	Sensor	1		Temperature
17	8980309550	Sensor	1		Temperature
18	8982373460	Shield	1		
19	0286508200	Bolt	1		SUB FOR FYA00000690
20	8982373600	Bracket	1		
21	8981217690	Air Duct	1		SUB FOR 8980010220
22	8982365740	Tube	1		
23	8981232511	Air Duct	1		
24	8982365750	Tube	1		
25	8981078574	Heat Exchanger	1		SUB FOR 8981078573
26	8981222262	Heat Exchanger	1		SUB FOR 8981222261
27	0281512600	Bolt	1		SUB FOR 0281812600
28	0286608250	Bolt	1		SUB FOR 0286908250
29	8981727350	Bracket	1		
30	8982007530	Gasket	4		Also Included in Gasket Set (Engine)
31	14M7298	Flange Nut	3		M8, SUB FOR 8970614011
32	0280508300	Bolt	2		
33	0280808350	Bolt	4		SUB FOR 0280508350
34	0280508900	Bolt	2		SUB FOR 0280808900
35	0281510500	Bolt	1		
36	0281510700	Bolt	2		
37	0583308300	Bolt	4		
38	8980435280	Bolt	4		
39	8973780750	Bolt	4		SUB FOR 8943126991
40	8980727120	Plug	1		
41	9095714100	Gasket	1		Also Included in Gasket Set (Engine)

0-60 Engine Control Unit (ECU)

TX1172393 A.1



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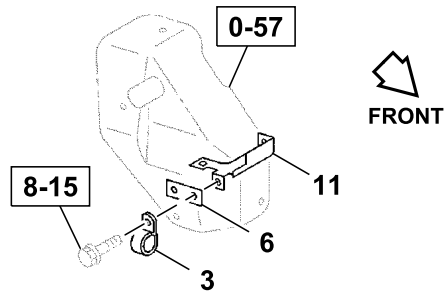
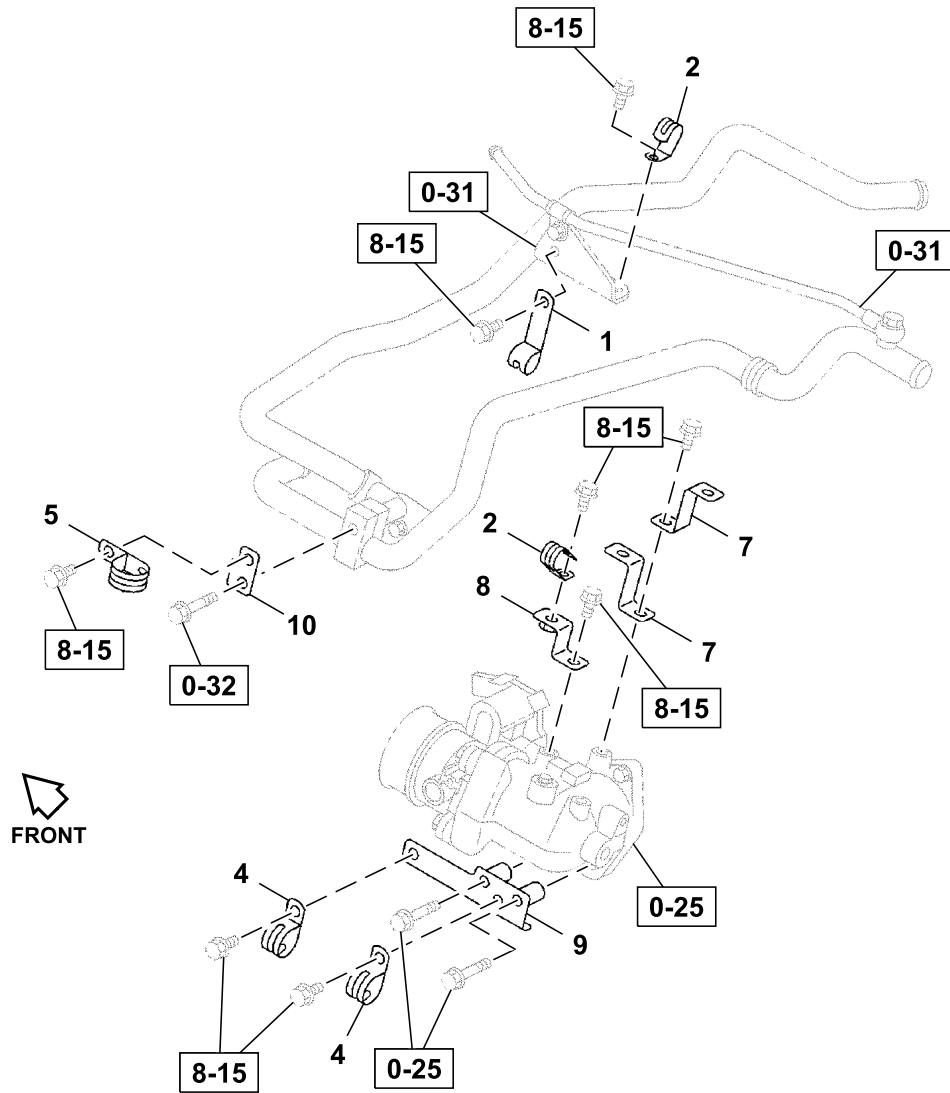
**04A Engine 4HK1XASA02A ( - 700001)**  
**0400 Engine Miscellaneous / Complete Engine 4HK1XASA02A**

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
1	8980703211	Starter Motor	1		Components On Separate Page
2	8980921162	Alternator	1		Components On Separate Page, SUB FOR 8980921160 AND 8980921161
3	0911802120	Nut	2		
4	8980056311	Relay	1		SUB FOR 4681233 OR 8980056310, Starter
5	1090001331	Bolt	1		
6	0916105140	Washer	1		SUB FOR 9091605140
7	0915105140	Washer	1		
8	8973628441	Bracket	1		
9	1197110290	Nut	1		
10	0281510800	Bolt	3		SUB FOR 0168060850
11	8944607061	Relay	1		SUB FOR 8944607060, Glow Plug
12	4371318	Switch	1		Overheat Warning, SUB FOR 8971256011
13	8981566480	Sensor	1		Temperature, SUB FOR 8973639360
14	0280610200	Bolt	1		SUB FOR 0280910200
15	9829322110	Cable	1		
16	8980274560	Sensor	1		Pressure
17	8982853192	Control	1		Engine Control Unit (ECU)
18	8982513450	Packing	1		
19	4664861	Sensor	1		Mass Air Flow (MAF), SUB FOR 8976019670
20	8973811820	Sensor	1		Intake Air Temperature
21	8982853211	Control	1		DEF Dosing Control Unit, SUB FOR FYA00040138 AND 8982853210



0-60 Engine Electrical Control Mounting

TX1172394 A.1

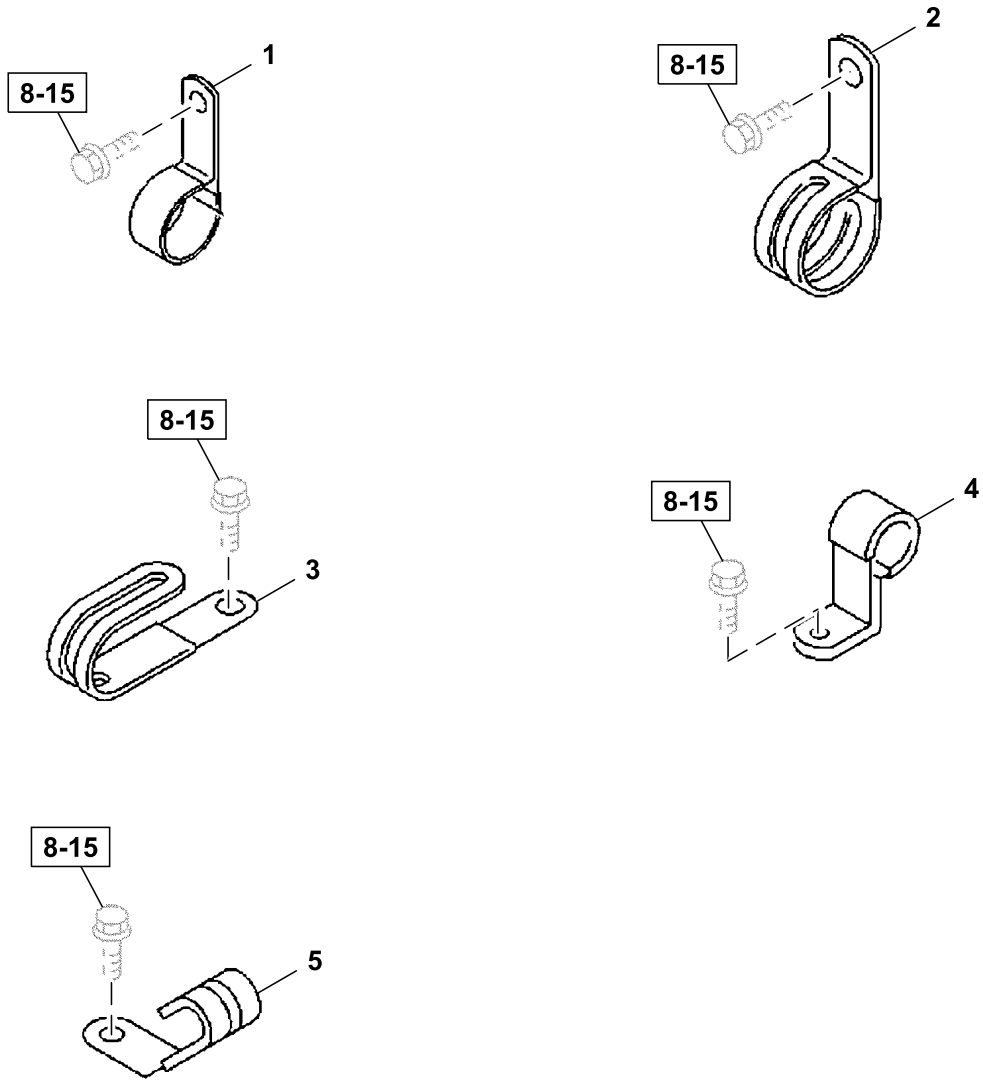


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Key	Part No.	Part Name	Qty.	Serial No.	Remarks
1	0952358960	Clip	1		
2	8973679851	Clip	2		
3	0952355360	Clip	1		SUB FOR 8973679850
4	1097012360	Clip	2		
5	1097012610	Clip	1		
6	1826992390	Bracket	1		
7	1474766580	Bracket	2		
8	1474781130	Bracket	1		
9	8982373590	Bracket	1		
10	8982373600	Bracket	1		
11	8982390810	Bracket	1		

0-60 Engine Electrical Control Hardware

TX1172395 A.1

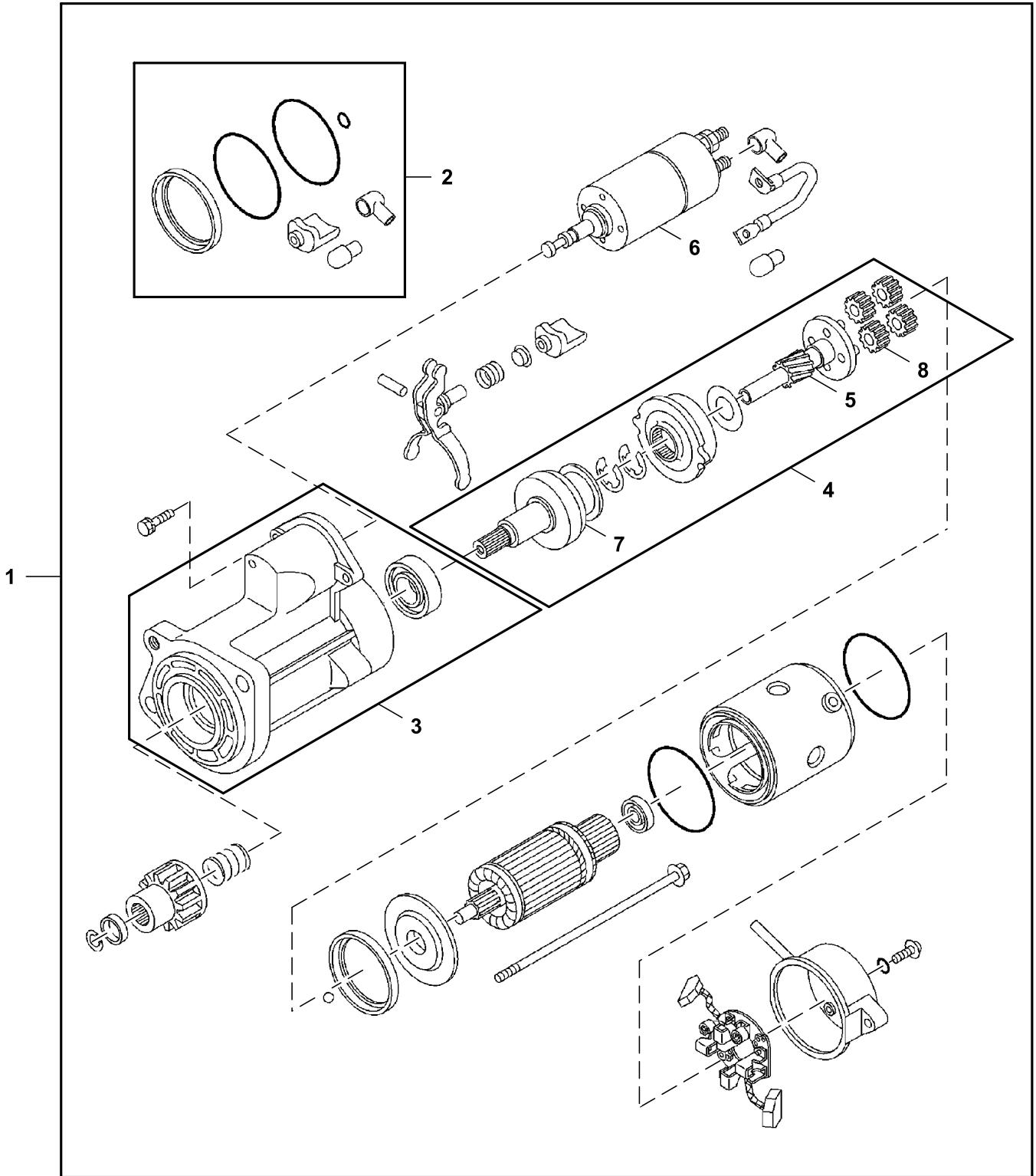


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Key	Part No.	Part Name	Qty.	Serial No.	Remarks
1	0952348950	Clip	1		ID=9 L=60
	0952355360	Clip	1		ID=16 L=20
	0952358560	Clip	1		ID=19 L=28, SUB FOR 9095258560
2	0952358960	Clip	1		ID=19 L=60
	1097007661	Clip	1		ID=24 L=32, SUB FOR 1097009660
	1097012360	Clip	1		ID=26 L=26
3	1097006071	Clip	1		ID=28 L=30
	1097012610	Clip	1		ID=28 L=40
	8973679851	Clip	1		ID=18 L=44, SUB FOR 8973679850
4	1097009911	Clip	1		ID=21 L=30 H=40, SUB FOR 1097009910
	8976155680	Clip	1		ID=35 H=45 L=33
5	8973679841	Clip	4		ID=12, SUB FOR FYA00009341

0-65 Starter Components

TX1172396 A.1



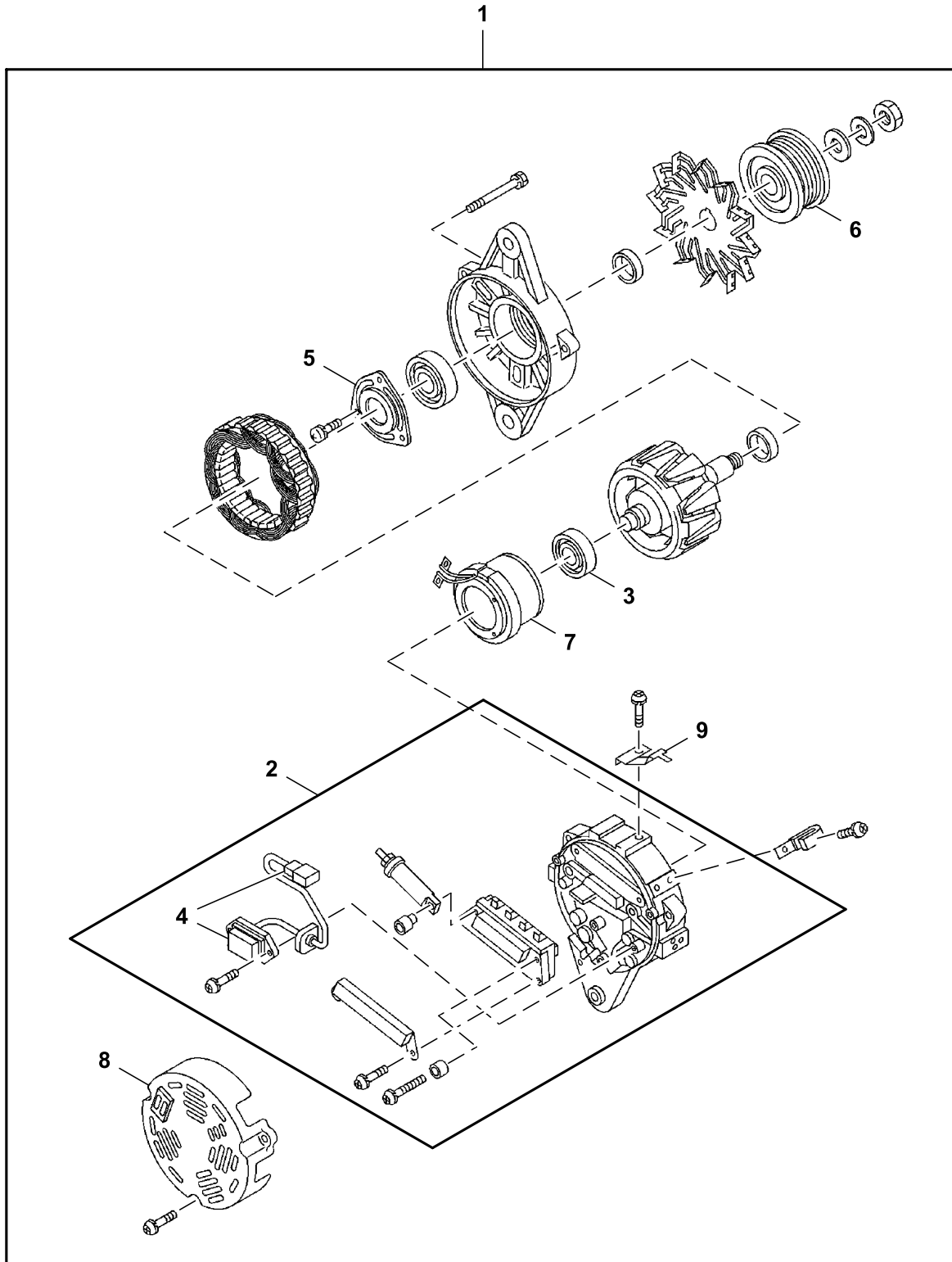
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04A Engine 4HK1XASA02A ( - 700001)  
0400 Engine Miscellaneous / Complete Engine 4HK1XASA02A

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
1	8980703211	Starter Motor	1		24 V ? 5.0 KW
2	8980171480	Seal Kit	1		Starter
3	8980739300	Housing	1		
4	8980703240	Clutch	1		
5	8980703260	Shaft	1		
6	8980171450	Solenoid	1		Engage Starter
7	8980703250	Clutch	1		
8	8980540640	Gear	4		

0-66 Alternator Components

TX1172397 A.1



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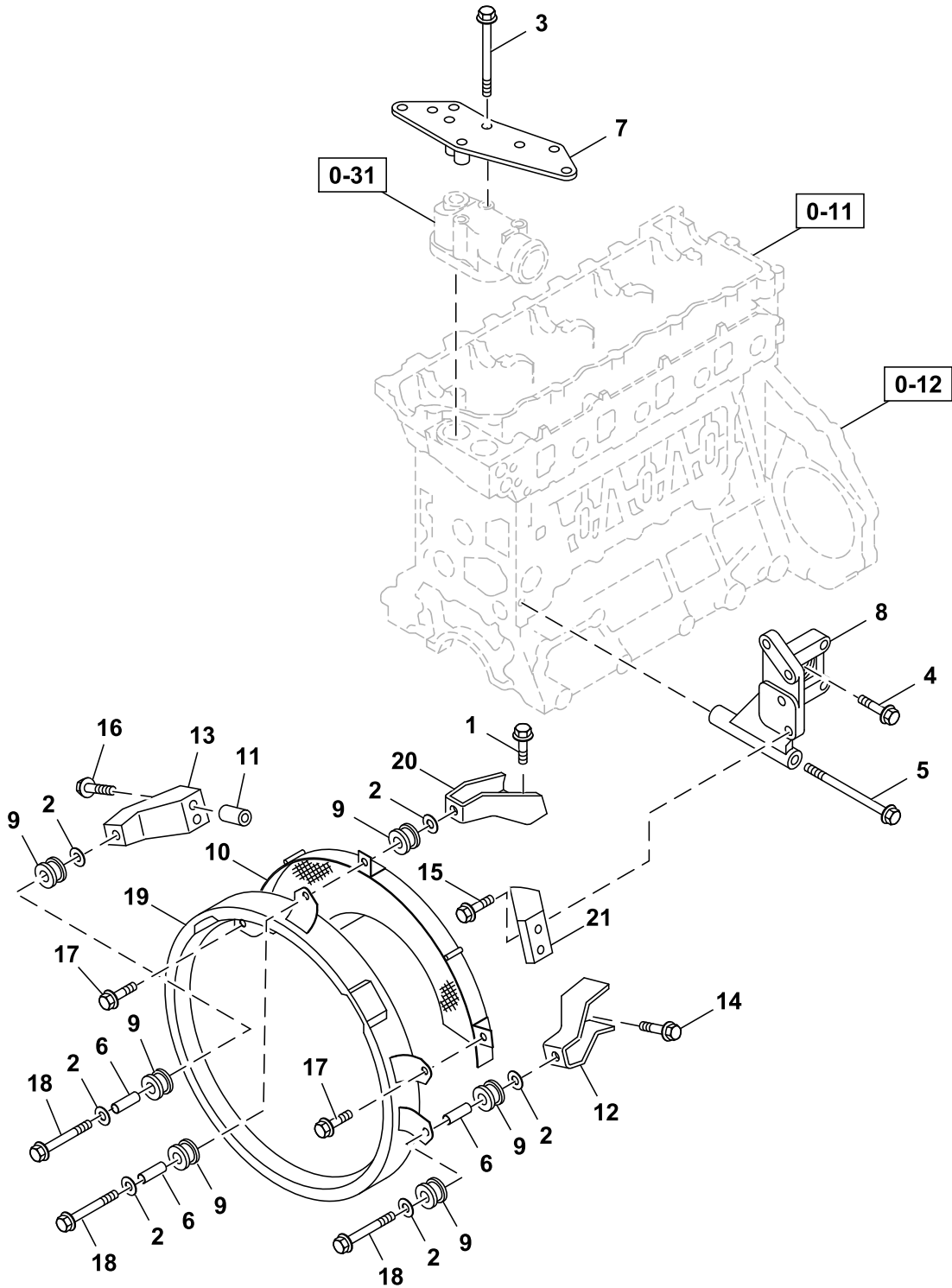
04A Engine 4HK1XASA02A ( - 700001)  
0400 Engine Miscellaneous / Complete Engine 4HK1XASA02A

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
1	8980921162	Alternator	1		24 V ? 50 A; SUB FOR 8980921161
2	8981318050	Cover	1		
3	1812297230	Bearing	1		
4	8980923990	Regulator	1		Voltage
5	1812297601	Retainer	1		
6	8973828730	Pulley	1		SUB FOR 8973829730
7	8980362950	Coil Kit	1		
8	8973828821	Cover	1		
9	8970290590	Holder	1		



1-10 Fan Shroud

TX1190160 B.1



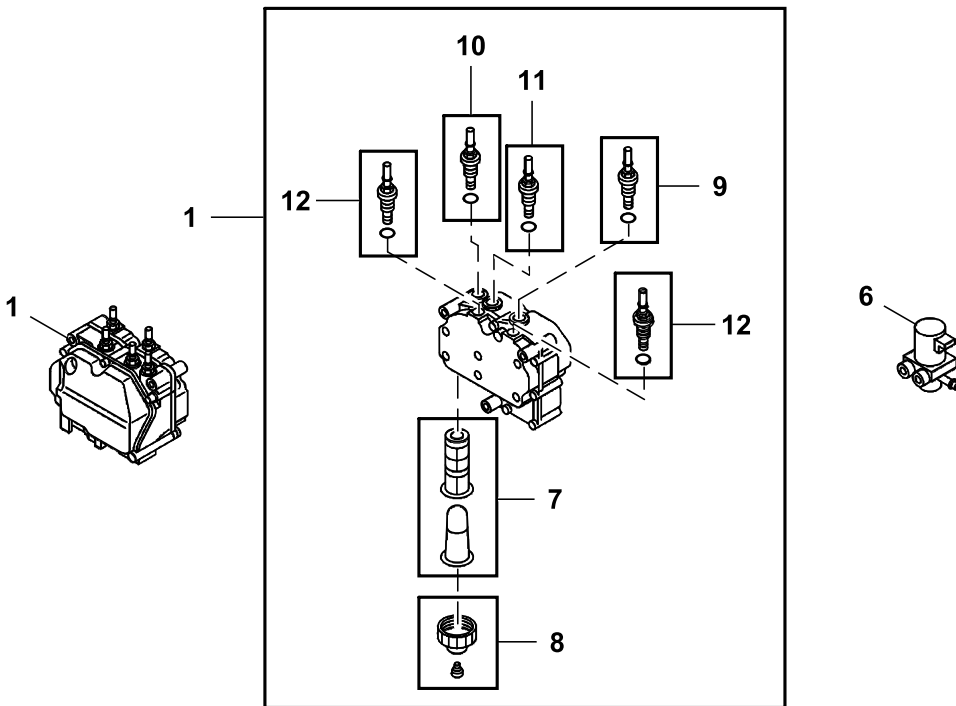
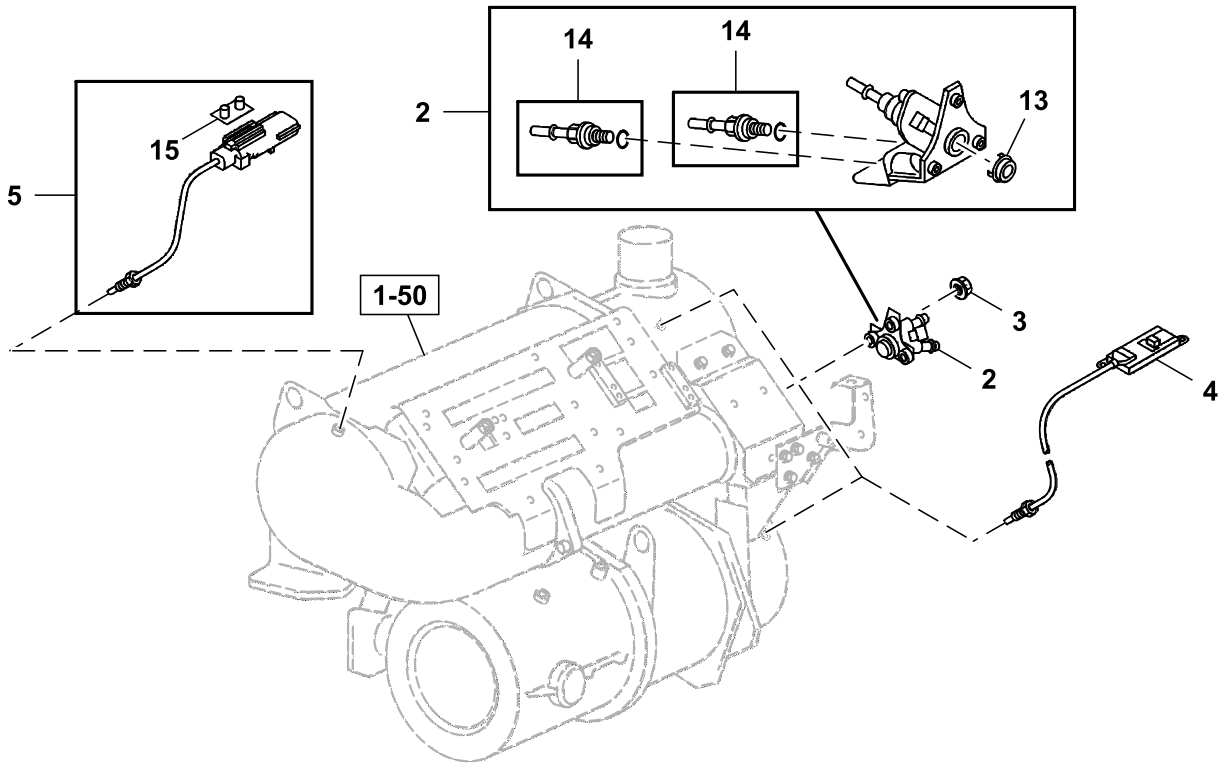
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**04A Engine 4HK1XASA02A ( - 700001)**  
**0400 Engine Miscellaneous / Complete Engine 4HK1XASA02A**

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
1	0286510250	Bolt	2		M10X25
2	0916147100	Washer	6		
3	0280558110	Bolt	4		M8X110
4	0280508600	Bolt	1		M8X60
5	0281560130	Bolt	1		M10X130
6	8982266410	Spacer	3		
7	8983578410	Bracket	1		SUB FOR 8973716540
8	8981744730	Bracket	1		
9	8981821551	Guide	6		
10	8980120093	Shield	1		Fan
11	9512496040	Spacer	2		OD=19
12	8981744720	Bracket	1		
13	8973759110	Bracket	1		
14	0280510200	Bolt	2		M10X20
15	0286510200	Bolt	2		M10X20
16	0280510350	Bolt	2		M10X35
17	0280510200	Bolt	2		M10X20
18	0280510500	Bolt	3		M10X50
19	8982024750	Shroud	1		Fan
20	8981744720	Bracket	1		
21	1215594510	Bracket	1		

1-46 Diesel Exhaust Fluid (DEF) Supply Module and Dosing Injector

TX1172399 B.1



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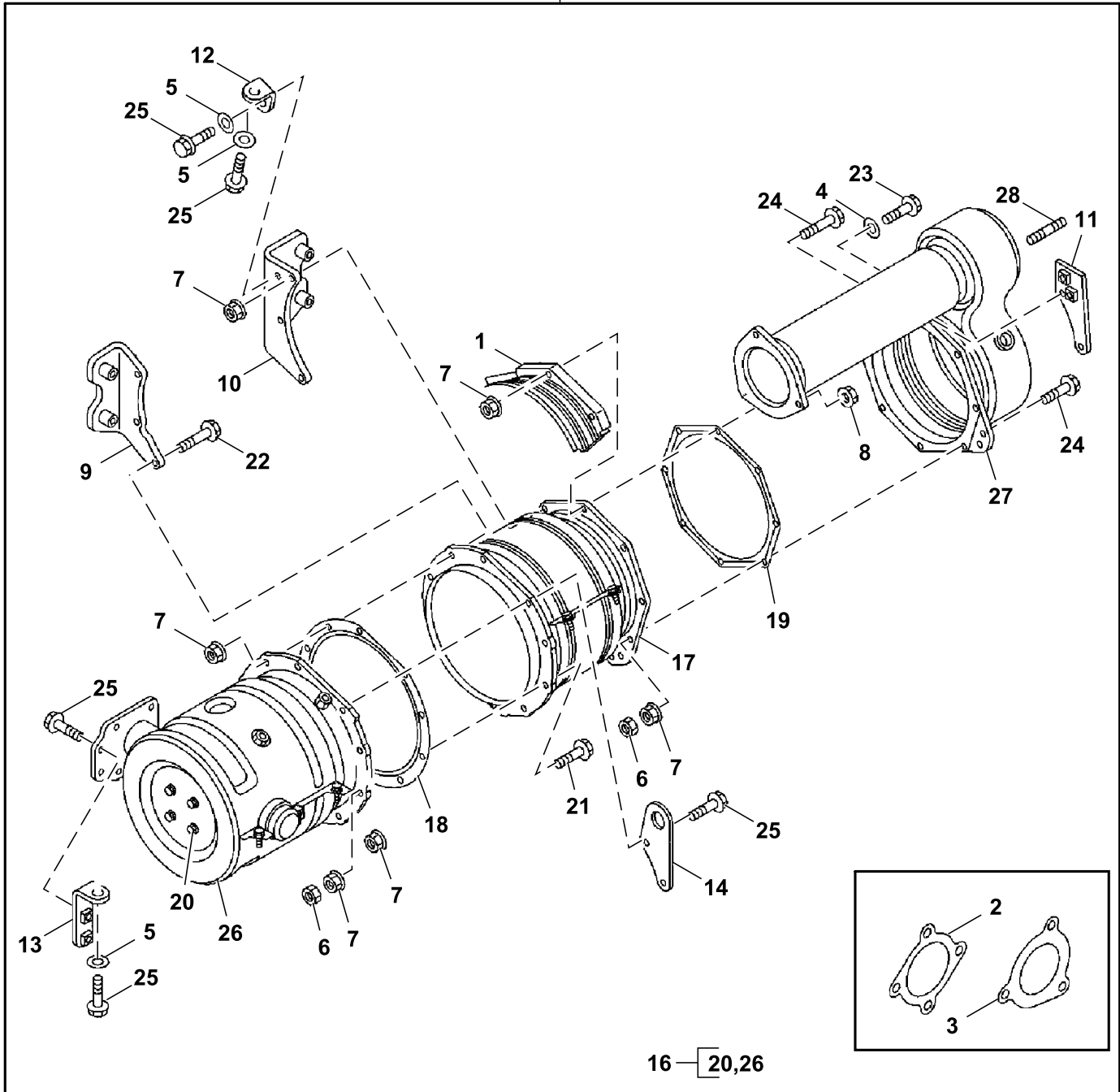
**04A Engine 4HK1XASA02A ( - 700001)**  
**0400 Engine Miscellaneous / Complete Engine 4HK1XASA02A**

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
1	8982264732	Module	1		SUB FOR 8982264731, Diesel Exhaust Fluid (DEF) Supply Module
2	8982318982	Module	1		Diesel Exhaust Fluid (DEF) Dosing Injector, SUB FOR 8982318980 AND 8982318981
3	14M7303	Flange Nut	3		M6, SUB FOR 0911801060
4	8983023940	Sensor	2		SUB FOR 8982369200, Nox
5	8980863290	Sensor	1		Temperature Sensor
6	8976289561	Valve	1		Diesel Exhaust Fluid (DEF) Heating Valve
7	8983507160	Filter Kit	1		SUB FOR 8981694030
8	8981694080	Cover Kit	1		
9	8981694090	Fitting	1		Inlet Pump
10	8981694110	Fitting	1		Outlet Pump
11	8982688130	Fitting	1		SUB FOR 8981694120, Return Pump
12	8981694141	Fitting	2		Coolant Pump
13	8980863330	Gasket	1		
14	8981694161	Fitting	2		
15	8981703310	Clip	1		

1-50 Diesel Oxidation Catalyst (DOC) and Aftertreatment

TX1190158 A.1

15



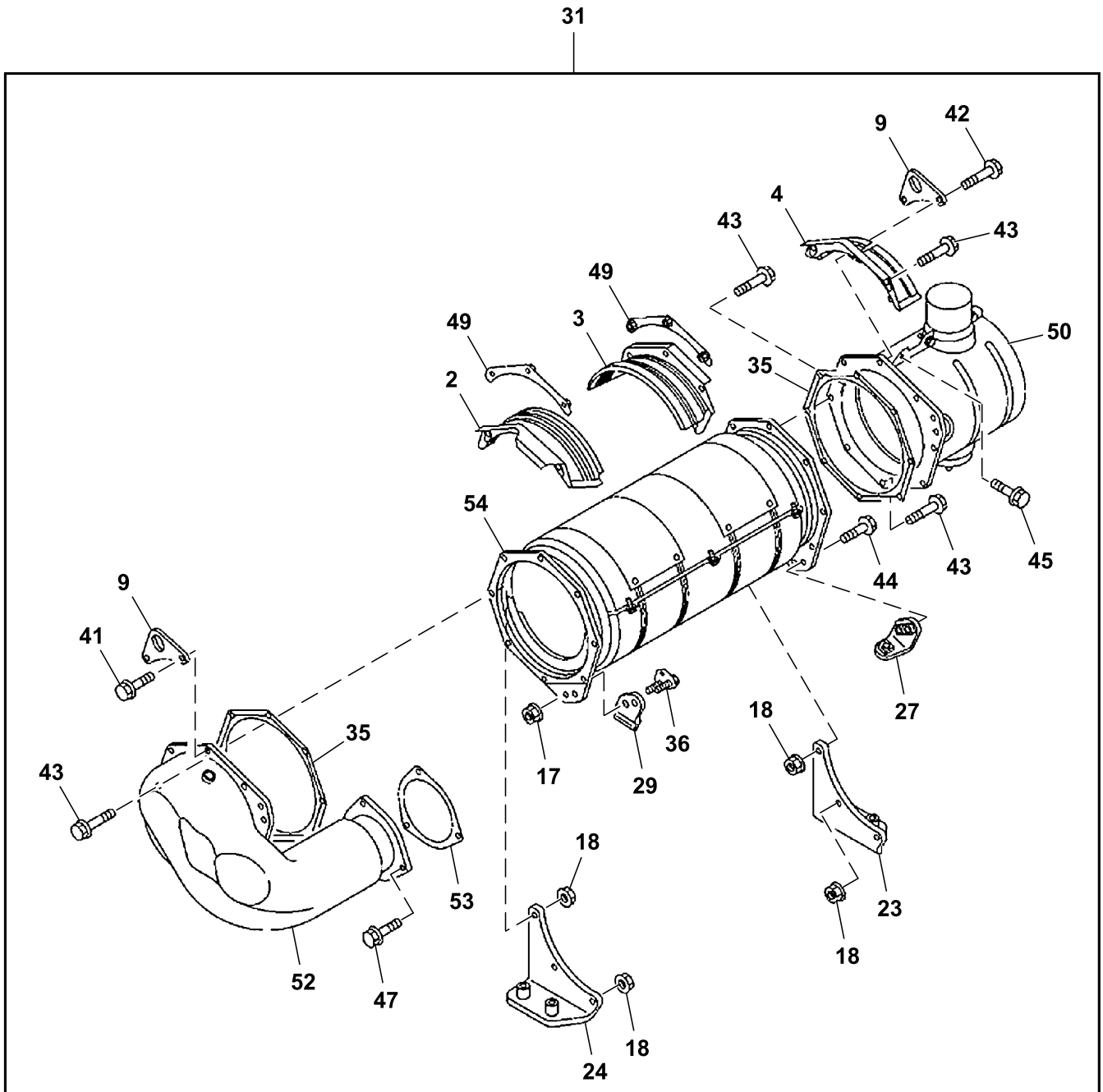
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**04A Engine 4HK1XASA02A ( - 700001)**  
**0400 Engine Miscellaneous / Complete Engine 4HK1XASA02A**

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
1	8982683430	Shield	1		
2	8943925532	Gasket	1		
3	4664929	Gasket	1		SUB FOR 8973767580
4	0916146080	Washer	1		
5	0916147100	Washer	3		
6	14M7273	Nut	4		M8, SUB FOR 0911105080
7	14M7298	Flange Nut	28		M8, SUB FOR 8970614011
8	8970961921	Nut	3		
9	8982373630	Bracket	1		
10	8982373650	Bracket	1		
11	8982373890	Bracket	1		
12	8982377310	Bracket	1		
13	8982377330	Bracket	1		
14	8982378250	Bracket	1		
15	.....	Catalytic Muffler	1		8982682312 NLA, Furnish Components, Additional Components On Separate Page
16	8982705480	Diesel Oxidation Catalyst	1		DOC
17	8982389240	Filter	1		
18	8976110800	Gasket	1		
19	8976282570	Gasket	3		
20	0280506120	Bolt	4		
21	0280608350	Bolt	7		
22	0280608450	Bolt	3		
23	0109608350	Bolt	1		
24	0280608450	Bolt	5		
25	0280610350	Bolt	7		
26	8981525131	Shield	1		
27	8982705440	Muffler	1		
28	8981413510	Stud	3		

1-50 Selective Catalytic Reduction (SCR)

TX1219226 A.1



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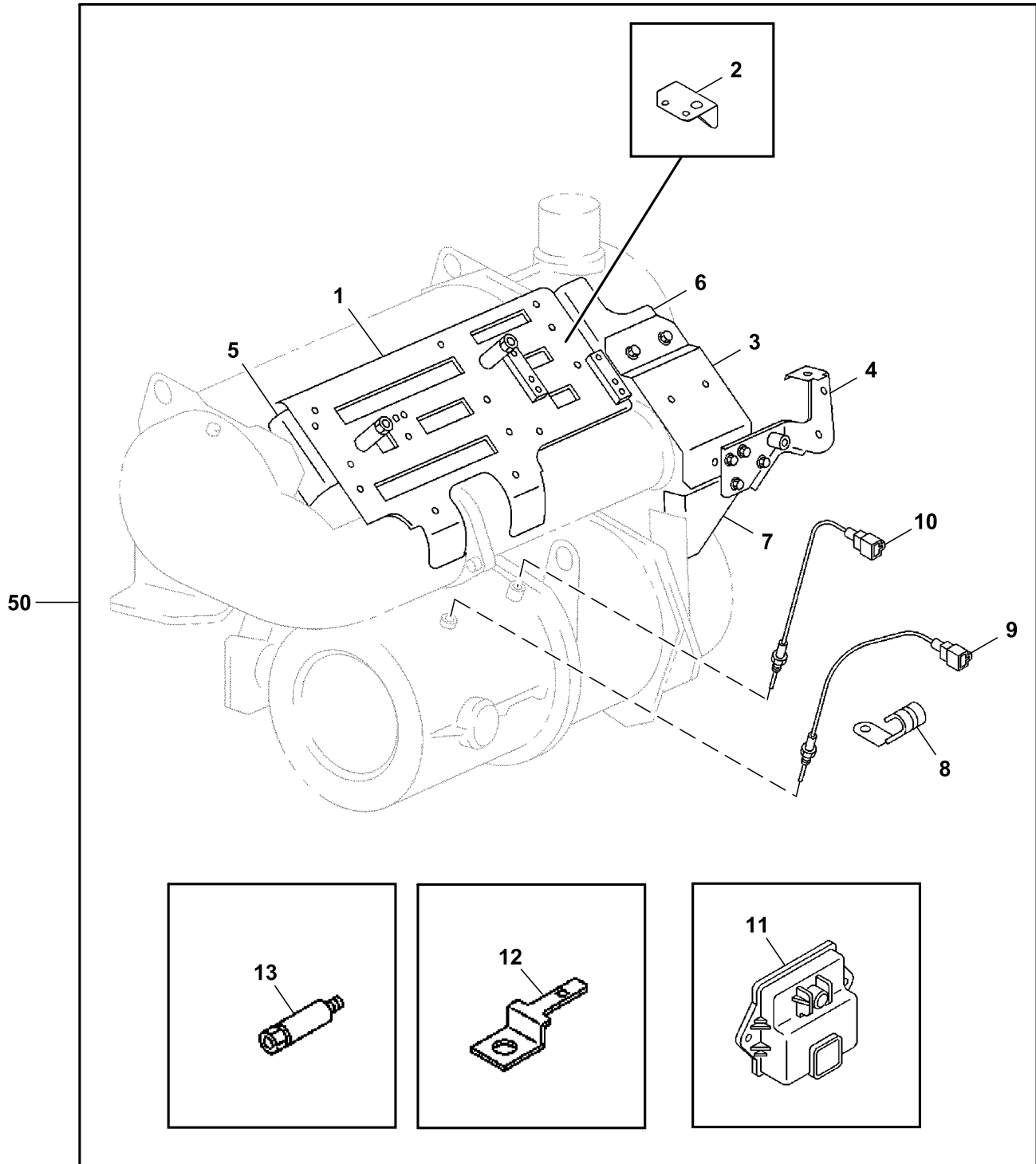
**04A Engine 4HK1XASA02A ( - 700001)**  
**0400 Engine Miscellaneous / Complete Engine 4HK1XASA02A**

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
2	8982683440	Shield	1		
3	8982683450	Shield	1		
4	8982683460	Shield	1		
9	8982705810	Hanger	2		
17	0911802100	Nut	2		
18	14M7298	Flange Nut	10		M8, SUB FOR 8970614011
23	8982373660	Bracket	1		
24	8982373670	Bracket	1		
27	8982377320	Bracket	1		
29	8982377350	Bracket	1		
31	.....	Catalytic Muffler	1		8982682312 NLA, Furnish Components, Additional Components On Separate Page
36	8980059850	Plate	1		
42	0280608450	Bolt	2		
43	0280608500	Bolt	3		
44	0280610350	Bolt	3		
45	8980191790	Bolt	1		
47	0280610400	Bolt	3		
49	8982683470	Plate	2		
50	8983244480	Muffler	1		
52	8982705450	Muffler	1		
53	8981184221	Gasket	1		
54	8982705500	Catalytic Muffler	1		



1-50 Exhaust System Bracket and Sensors

TX1190139 B.2



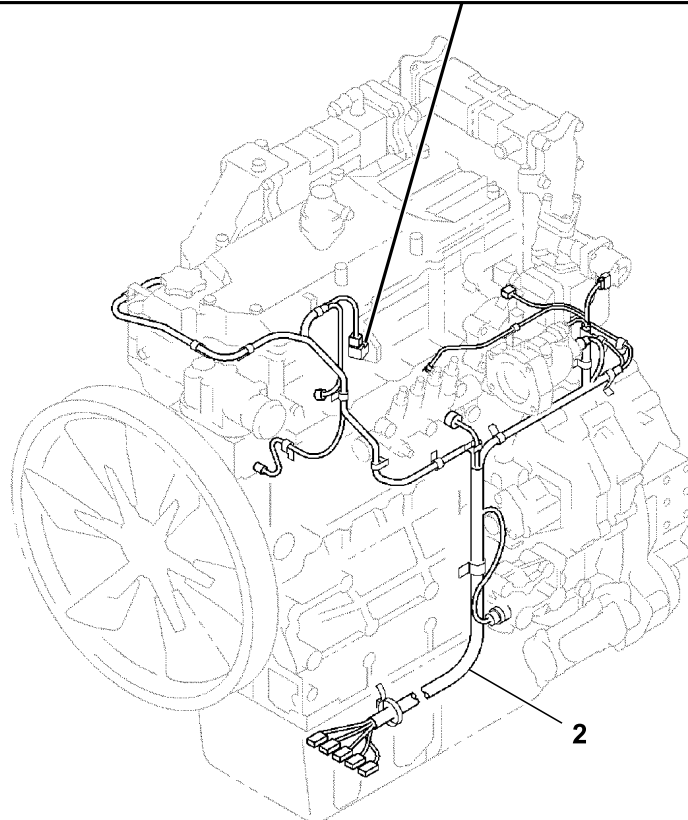
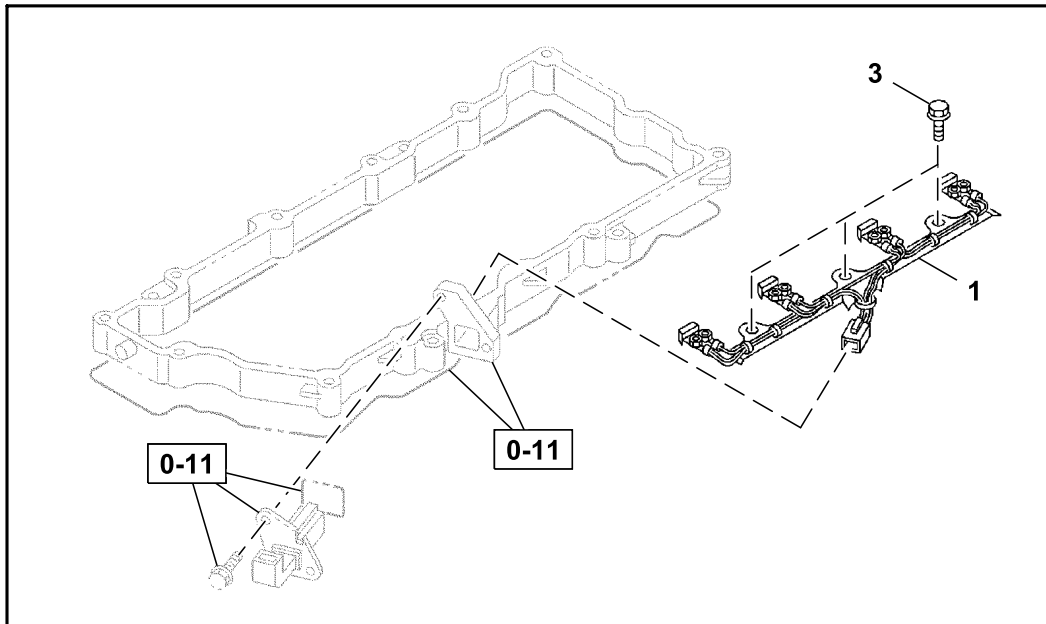
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**04A Engine 4HK1XASA02A ( - 700001)**  
**0400 Engine Miscellaneous / Complete Engine 4HK1XASA02A**

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
1	8983055661	Bracket	1		SUB FOR 8982373771, 8983055660, 8982373772 AND 8982373773, ALSO ORDER 8983055680
	8983055680	Spacer	1		
2	8982373820	Bracket	1		SUB FOR FYA00034766
3	8982373833	Bracket	1		SUB FOR 8982373830, 8982373831 OR 8982373832
4	8982824391	Bracket	1		SUB FOR 8982824390 AND 8982373840
5	8982373860	Bracket	1		SUB FOR FYA00034769
6	8982373873	Bracket	1		SUB FOR 8982373871 OR 8982373872
7	8982373882	Bracket	1		SUB FOR 8982373880 OR 8982373881
8	8973679841	Clip	10		
9	FYA00009435	Temperature Sensor	1		SUB FOR 8981783581, Diesel Particulate Diffuser (DPD)
10	FYA00009436	Temperature Sensor	1		SUB FOR 8981867621, Diesel Particulate Diffuser (DPD)
11	8981331241	Control	1		Turbocharger
12	8976028701	Bracket	2		
13	8982521410	Spacer	2		
50	.....	Catalytic Muffler	1		8982682312 NLA, Furnish Components, Additional Components On Separate Page

8-10 Engine Wiring Harness

TX1172403 A.1



810A0151505\_TX1172403

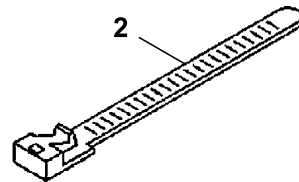
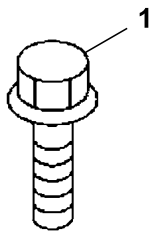
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Key	Part No.	Part Name	Qty.	Serial No.	Remarks
1	8973321333	Wiring Harness	1		Injector
2	8983718270	Wiring Harness	1		SUB FOR 8982373583, Engine Wiring Harness
3	8973654490	Bolt	3		SUB FOR 8943998631

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8-15 Engine Wiring Harness Mounting Hardware

TX1172404 A.1



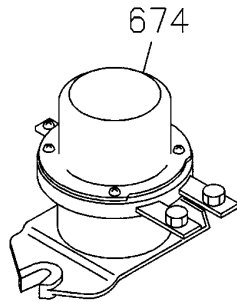
815A0151505\_TX1172404

**04A Engine 4HK1XASA02A ( - 700001)**  
**0400 Engine Miscellaneous / Complete Engine 4HK1XASA02A**

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
1	0280508120	Bolt	6		M8X12
	0280508160	Bolt	9		M8X16
	19M7866	Screw	3		M8 X 20, , SUB FOR 0280508200 AND 0280808200
2	0281510160	Bolt	1		M10X16, SUB FOR 0281810160
	R44302	Tie Band	5		L=140, SUB FOR 5097070311
	H77698	Tie Band	3		L=250, SUB FOR 5097070301

8-25 Battery Relay

825A0151274 A.1



825A0151274

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<i>Key</i>	<i>Part No.</i>	<i>Part Name</i>	<i>Qty.</i>	<i>Serial No.</i>	<i>Remarks</i>
674	4255762	Relay	1		SUB FOR 8943795431, Battery

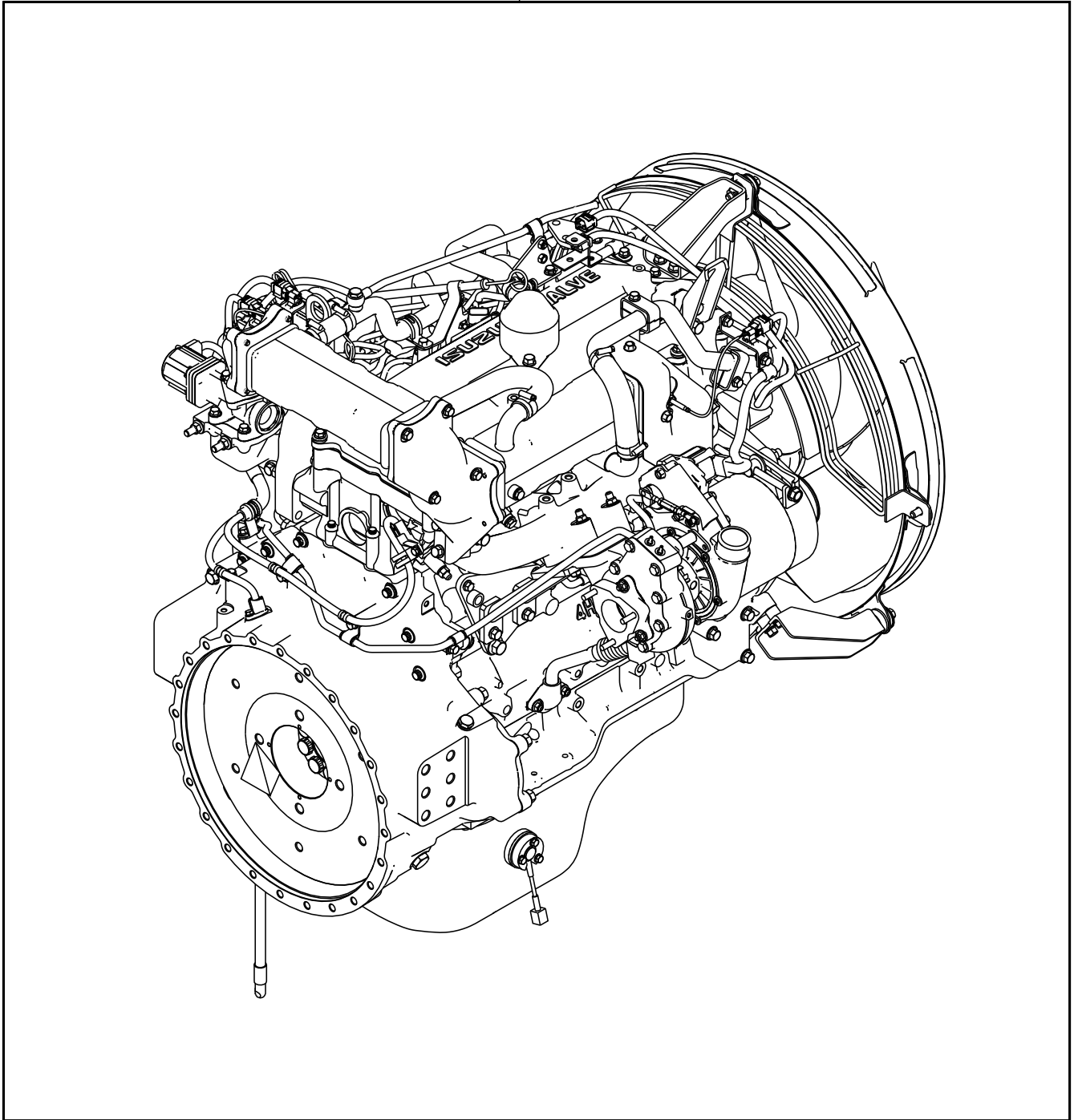
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Engine

TX1189850 A.1

1



YA00028489\_TX1189850

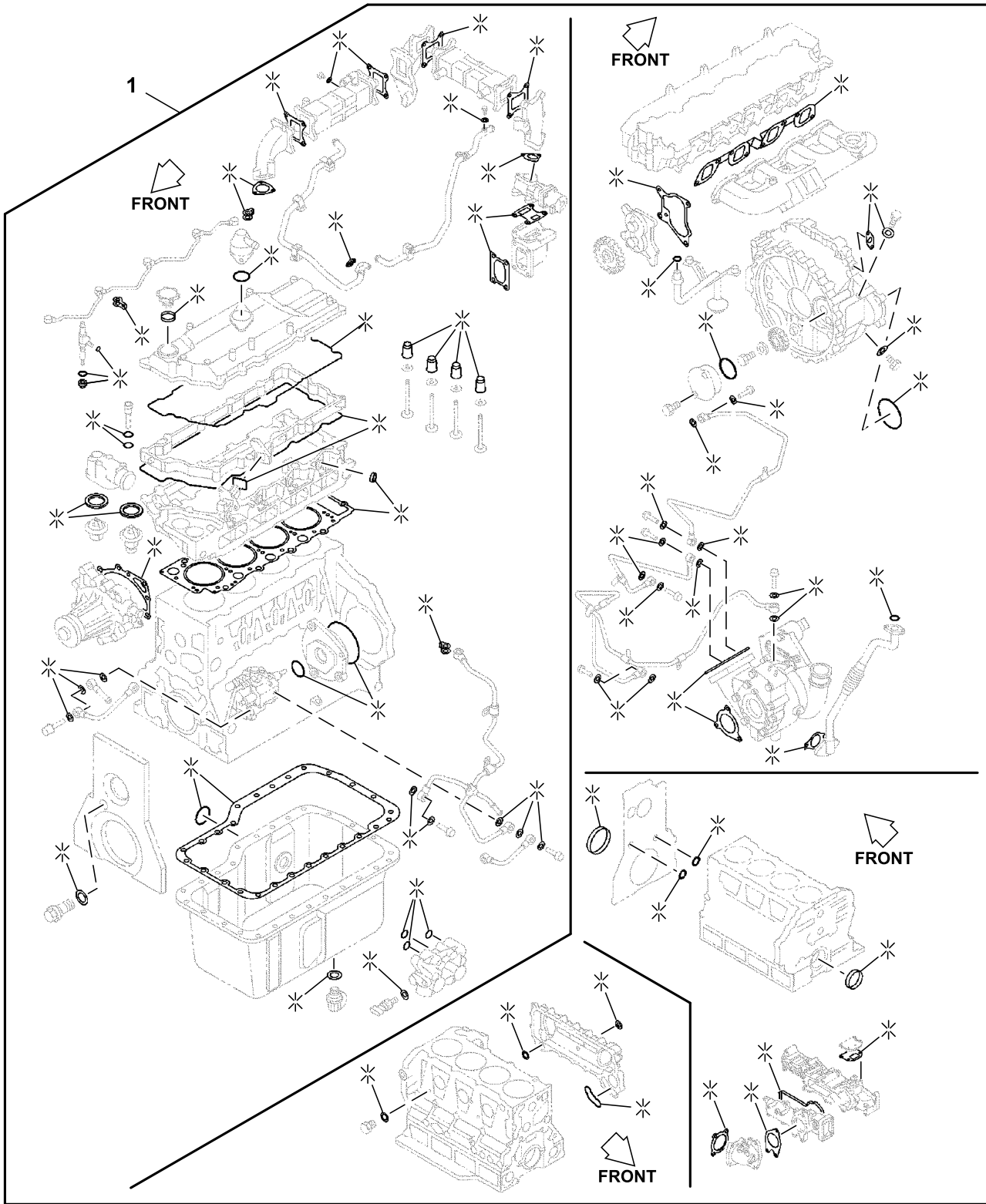
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<i>Key</i>	<i>Part No.</i>	<i>Part Name</i>	<i>Qty.</i>	<i>Serial No.</i>	<i>Remarks</i>
1	4HK1XASA12A	Diesel Engine	1		SUB FOR FYA00046929

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0-05 Engine Gasket Kit

TX1172918 A.1



005A0151505\_TX1172918

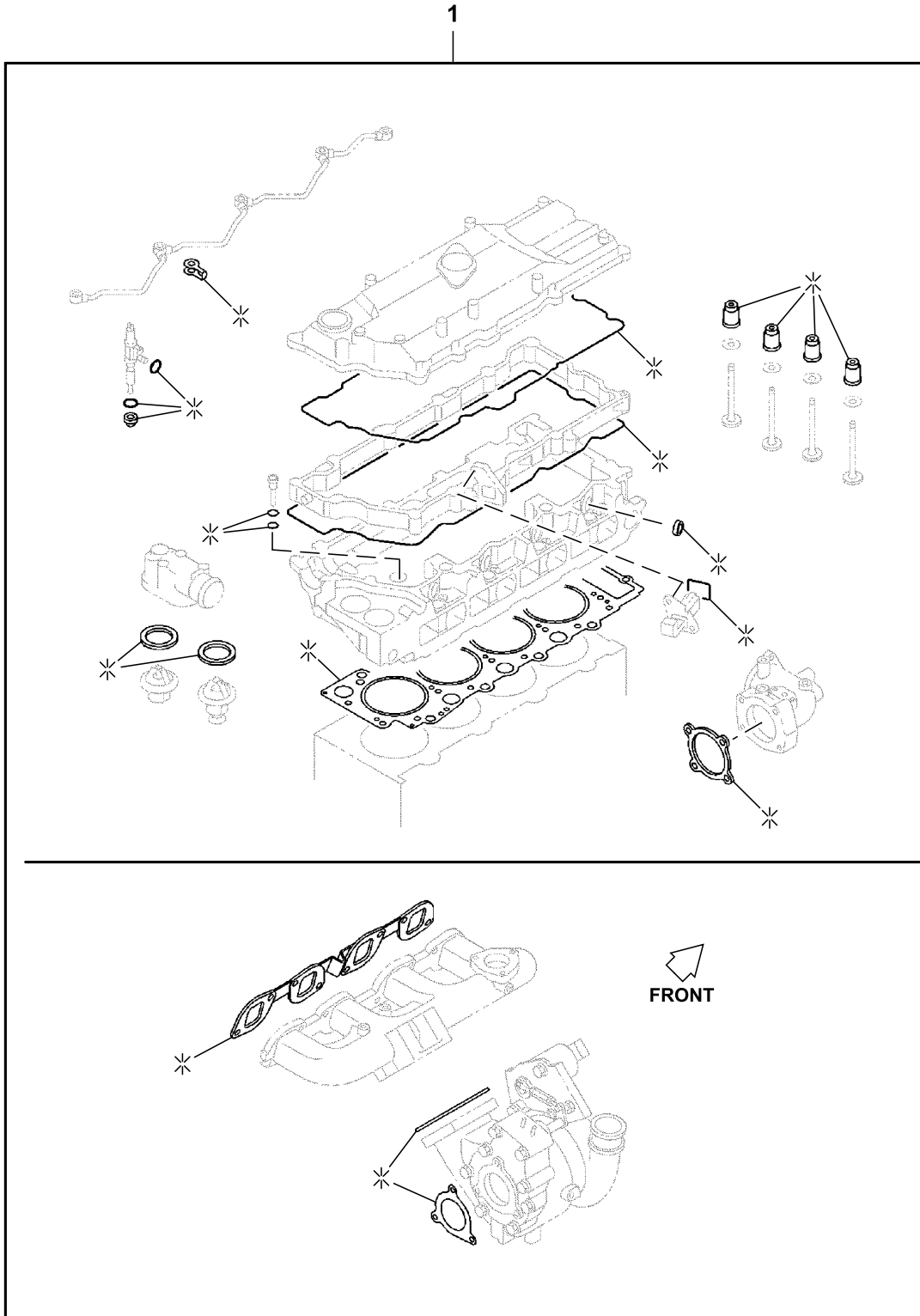
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<i>Key</i>	<i>Part No.</i>	<i>Part Name</i>	<i>Qty.</i>	<i>Serial No.</i>	<i>Remarks</i>
1	5878178833	Gasket	1		SUB FOR 5878178832, 5878170090 AND 5878178830

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0-05 Engine Head Gasket Kit

TX1172041 A.1



005A0251505\_TX1172041

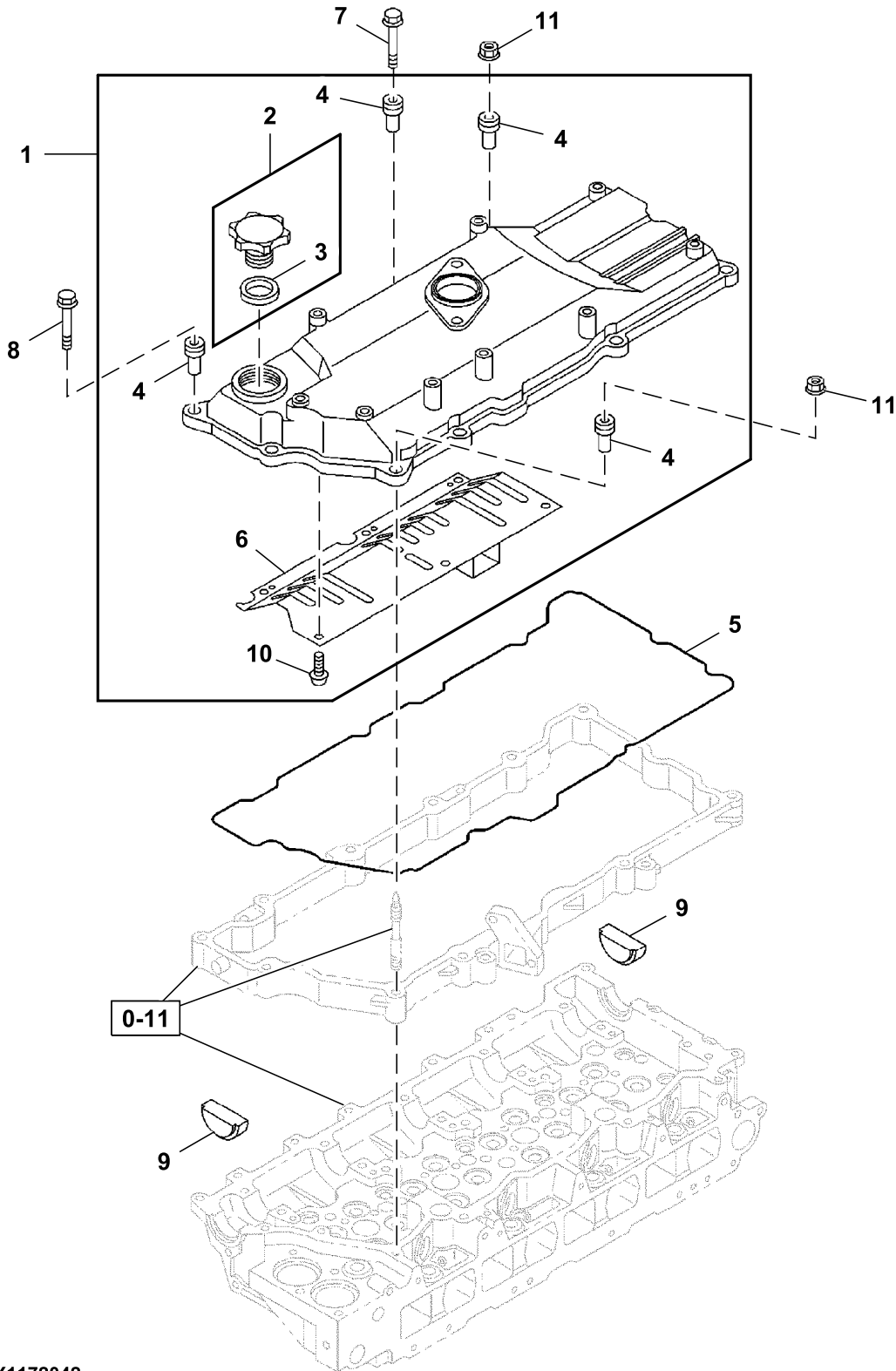
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<i>Key</i>	<i>Part No.</i>	<i>Part Name</i>	<i>Qty.</i>	<i>Serial No.</i>	<i>Remarks</i>
1	5878178850	Gasket	1		SUB FOR 5878157041 AND 5878157040

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0-10 Engine Cylinder Head Cover

TX1172042 A.1



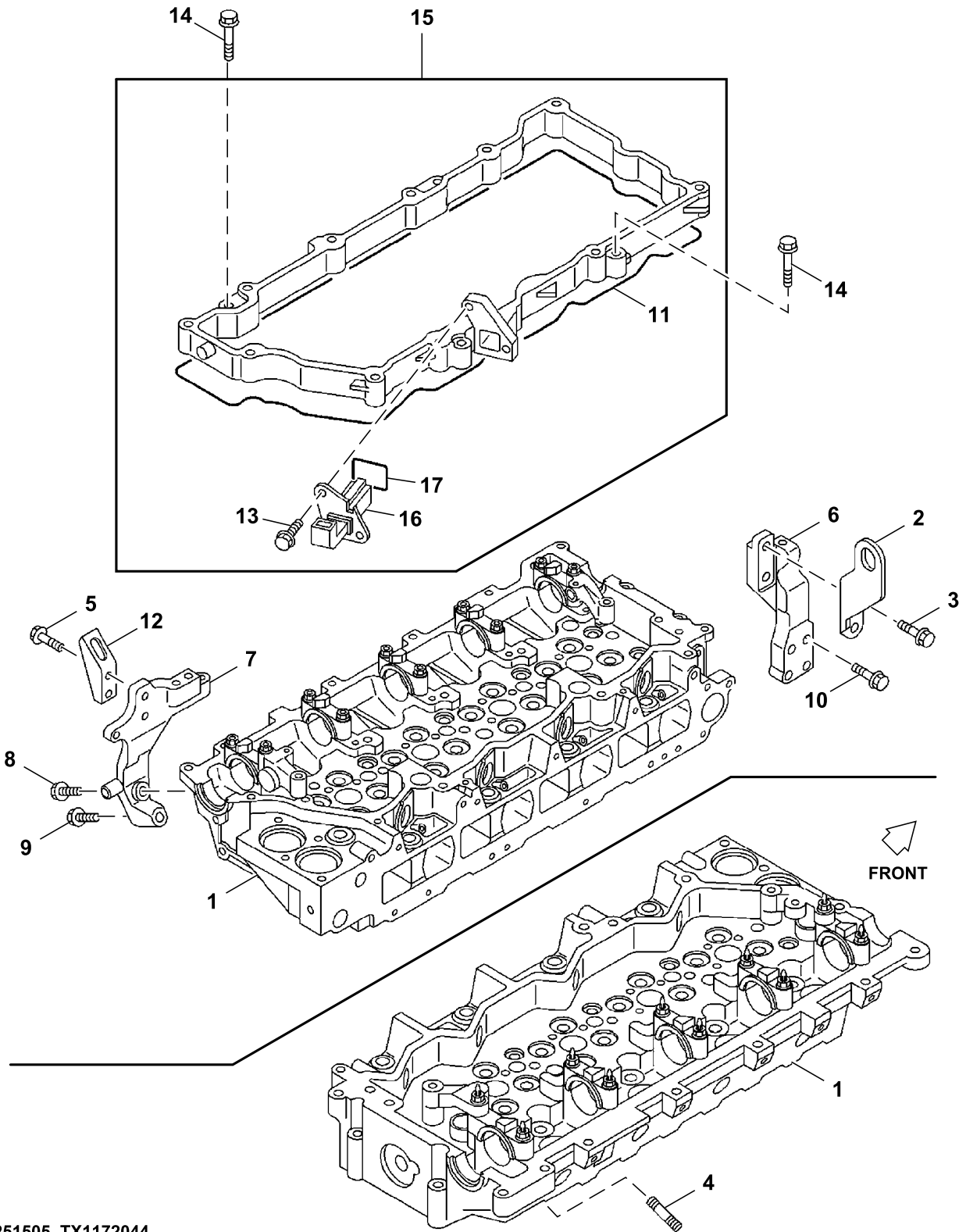
010A0151505\_TX1172042

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
1	8973628422	Valve Cover	1		SUB FOR 8973628421, Cylinder Head
2	8943997230	Filler Cap	1		
3	8943996890	O-Ring	1		Also Included In Gasket Kit, Engine
4	8943956840	Isolator	11		
5	8973313591	Gasket	1		SUB FOR 8973313590, Also Included in Gasket Kit, Engine and Head
6	8943926550	Plate	1		
7	0286808350	Bolt	2		M8X35, SUB FOR 0286508350
8	1090440721	Bolt	7		M8X65
9	8981638130	Plug	2		
10	0350504080	Screw	6		M4X8, SUB FOR 0350504080
11	0911801080	Nut	2		M8, SUB FOR 8940120390



0-11 Engine Cylinder Head Support

TX1172044 A.1

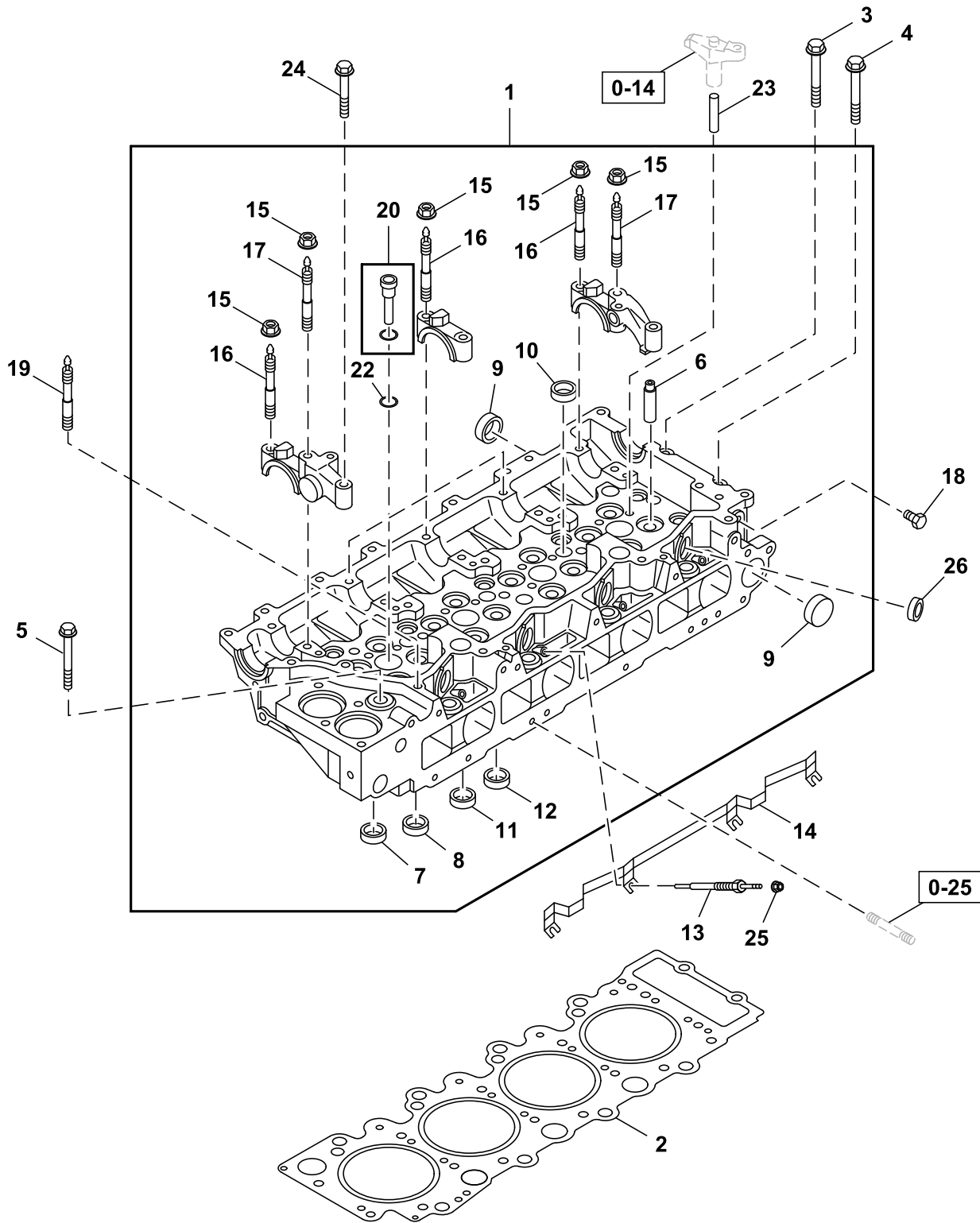


011A0251505\_TX1172044

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
1	8981706190	Cylinder Head	1		
2	1117770840	Hanger	1		SUB FOR 9117776121
3	0281510200	Bolt	2		M10X20
4	8943972860	Stud	2		M10X60
5	0281512300	Bolt	2		M12X30
6	8981125582	Bracket	1		SUB FOR 8981125581
7	8981161402	Bracket	1		SUB FOR 8981161401
8	0281510500	Bolt	1		M10X50
9	0281510800	Bolt	1		M10X80, SUB FOR 0168060850
10	0281512500	Bolt	3		M12X50, SUB FOR 0281812500
11	8973313601	Gasket	1		SUB FOR 8973313600, Also Included in Gasket Kit, Engine and Head
12	1117771231	Hanger	1		SUB FOR 1117770870
13	0280508160	Bolt	2		M8X12, SUB FOR 0280508120
14	0280508450	Bolt	4		M8X45
15	8973313621	Case	1		SUB FOR 8973313620
16	8943908581	Fitting	1		SUB FOR 8943908580
17	8943913100	Gasket	1		Also Included in Gasket Kit, Engine and Head

0-11 Engine Cylinder Head

TX1172043 B.1

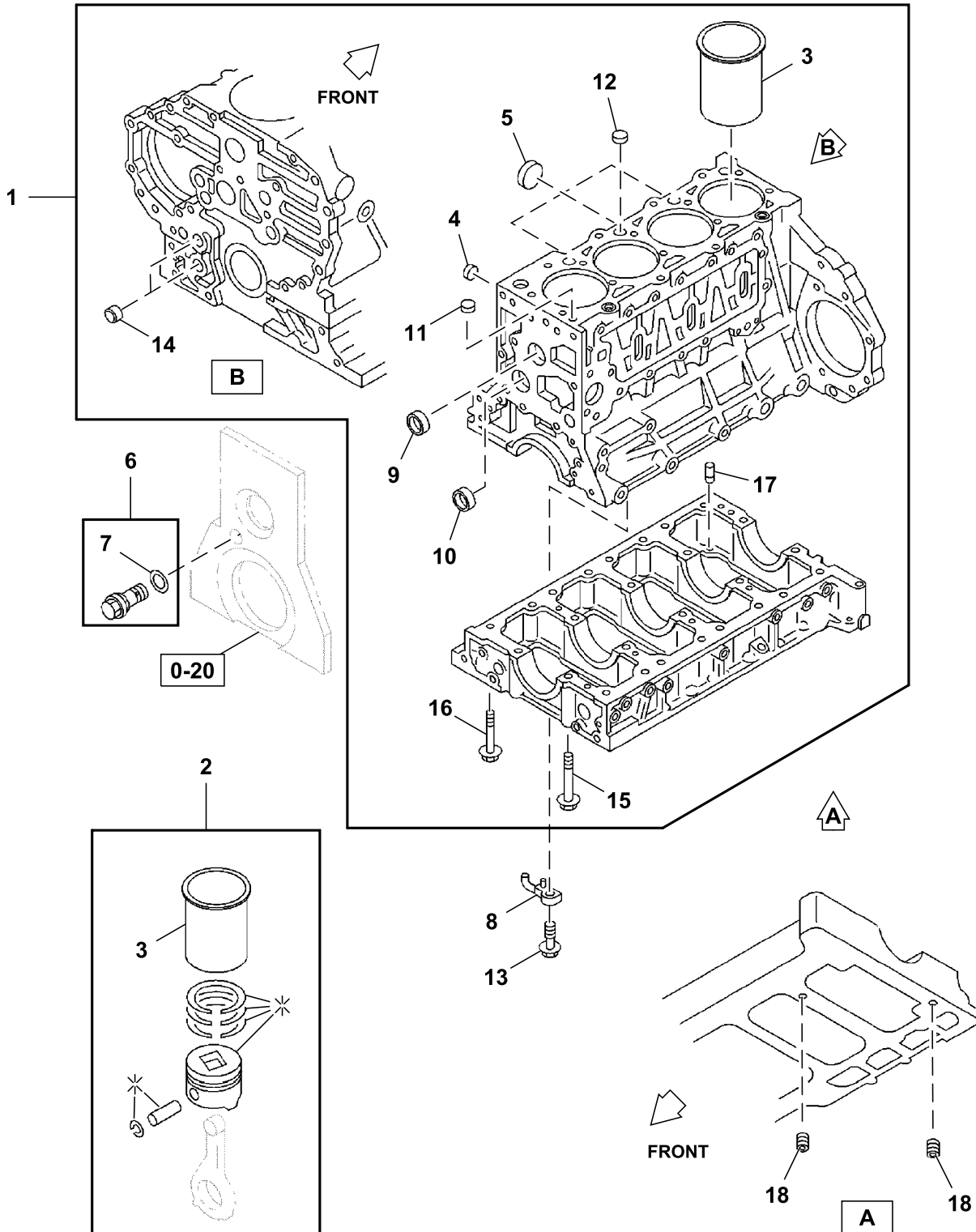


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Key	Part No.	Part Name	Qty.	Serial No.	Remarks
1	8981706190	Cylinder Head	1		
2	8981142560	Engine Cylinder Head Gasket	1		Also Included in Gasket Kit, Engine and Head
3	8943995540	Bolt	1		M10X73
4	8943995550	Bolt	1		M10X43
5	8982600050	Bolt	18		M14X115
6	8973767192	Guide	16		SUB FOR 8973767191
7	8980288740	Valve Seat	8		SUB FOR 8976062470, Inlet
8	8980288750	Valve Seat	8		SUB FOR 8972165110, Exhaust
9	8970968210	Seal	5		
10	1096000160	Plug	4		
11	9111291280	Seal	7		
12	5111290060	Seal	5		
13	8943907773	Plug	4		SUB FOR 8913907775 OR 8943907776
14	8973323582	Elec. Connector Accessory	1		
15	14M7298	Flange Nut	10		M8, SUB FOR 0911802080 AND 4447338
16	8943225132	Stud	8		M8X41
17	8943225122	Stud	2		M8X54
18	8980034160	Plug	1		M8X10, SUB FOR 8943994210
19	0491408600	Stud	2		M8X60, SUB FOR 0497408600
20	8980184620	Sleeve	4		SUB FOR 8976066610, Also Included in Gasket Kit, Engine and Head
22	8976049160	Gasket	4		SUB FOR 1096233550, Also Included in Gasket Kit, Engine and Head
23	8973816031	Guide	8		
24	0280808350	Bolt	2		M8X35, SUB FOR 0280508350
25	8973688530	Nut	4		M4
26	1096390340	Gasket	4		Also Included in Gasket Kit, Engine and Head

0-12 Engine Cylinder Block

TX1172045 B.1

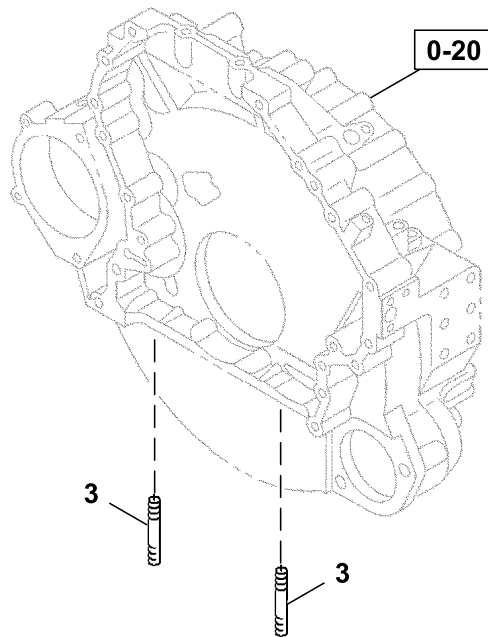
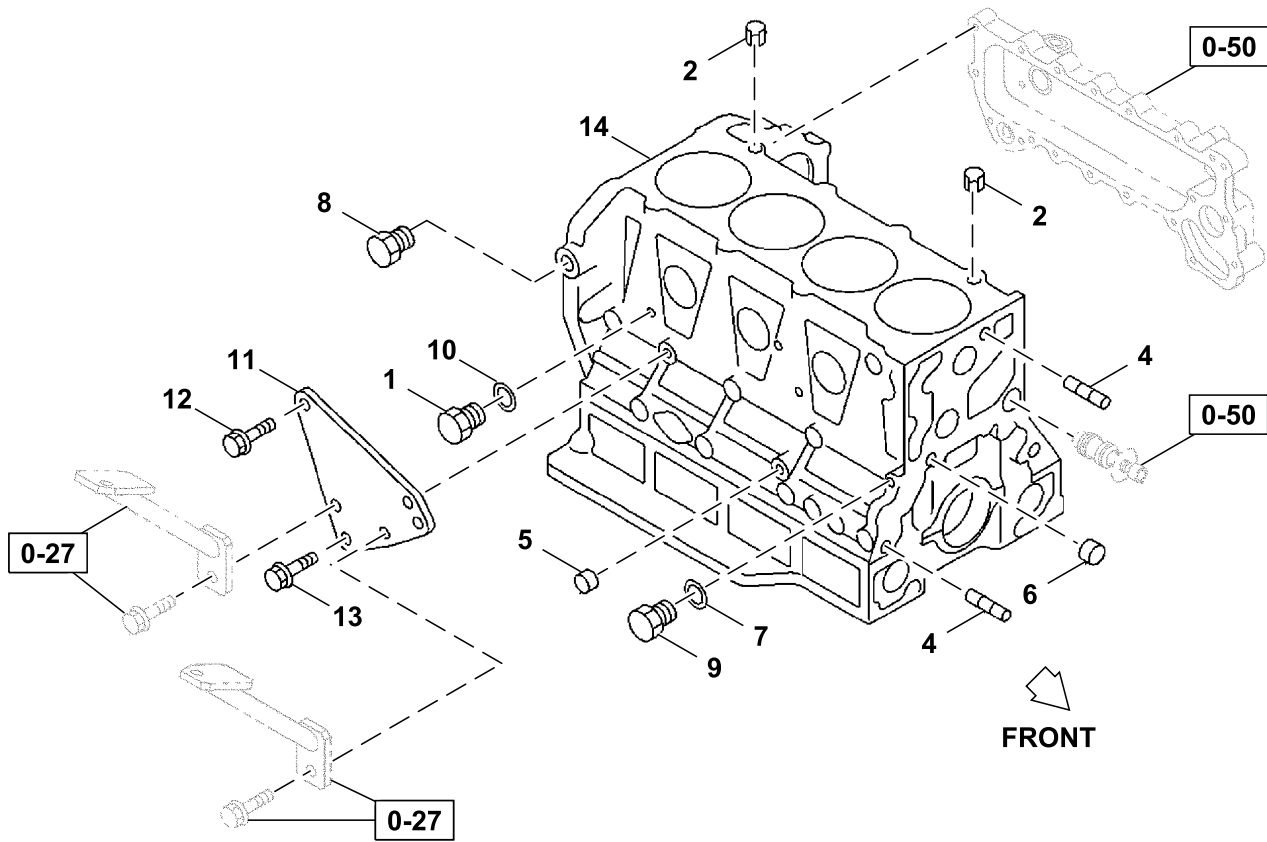


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Key	Part No.	Part Name	Qty.	Serial No.	Remarks
1	8982045290	Cylinder Block	1		
2	1878142051	Cylinder Kit	4		OD GRADE = 1X, SUB FOR 5878170070
	1878142061	Cylinder Kit	4		OD GRADE = 3X, SUB FOR 5878170080
3	8980140461	Cylinder Liner	4		OD GRADE = 1X, SUB FOR 8980140460, Also Included In Liner Set
	8980140471	Cylinder Liner	4		OD GRADE = 3X, Also Included In Liner Set
4	1096000160	Plug	1		
5	8970365501	Bearing Cup	3		SUB FOR 8973514510
6	8973288590	Pressure Relief Valve	1		SUB FOR 8943860471, Oil Relief
7	8941734120	Gasket	1		Also Included In Gasket Kit, Engine
8	8981733420	Jet	4		Piston Cooling Oil
9	1096000160	Plug	1		
10	8970968240	Plug	4		
11	5111290060	Seal	1		
12	8972096090	Seal	3		
13	8973296180	Flow Control Hyd. Valve	4		SUB FOR 1131610120, Oil Check
14	8980915660	Bushing	2		
15	8970776380	Bolt	10		M14X115
16	8943995532	Bolt	17		M10X82
17	8971354230	Pin Fastener	2		SUB FOR 8944836740
18	5096050050	Pipe Plug	2		SUB FOR AT254825

0-12 Engine Cylinder Block and Support

TX1172046 A.1



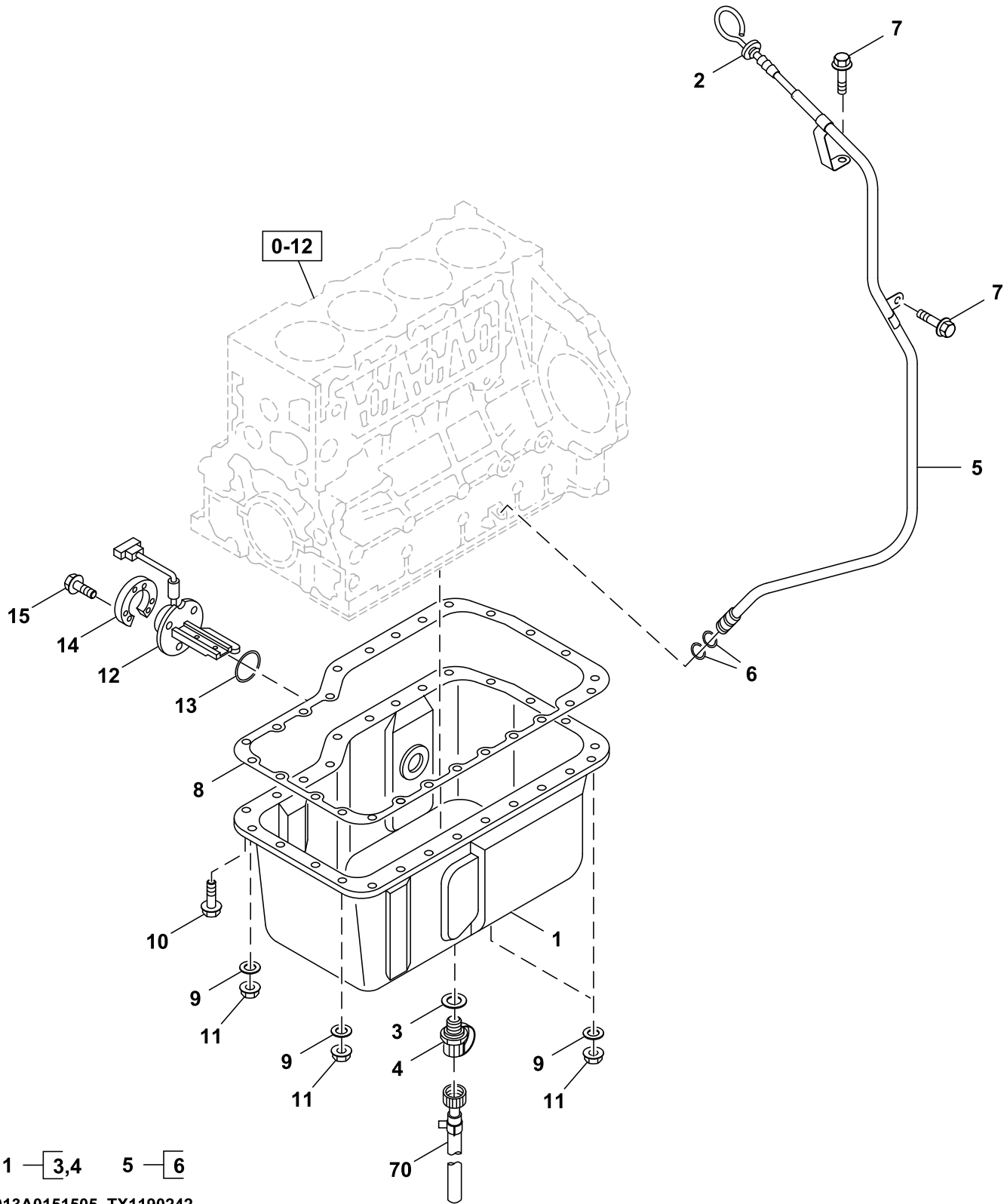
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Key	Part No.	Part Name	Qty.	Serial No.	Remarks
1	8973525370	Plug	1		
2	8943996881	Pin Fastener	2		SUB FOR 8943996880
3	1093050050	Stud	2		M8X20, SUB FOR AT254807
4	8971354230	Pin Fastener	4		SUB FOR 8944836740
5	5096000130	Seal	1		SUB FOR 1096000102
6	9111291280	Seal	3		
7	8982513450	Packing	1		Also Included In Gasket Set, Engine
8	8973296170	Plug	1		
9	9098621560	Plug	1		
10	1096300830	Gasket	1		Also Included In Gasket Set, Engine
11	8981669782	Plate	1		SUB FOR 8981669780
12	19M7866	Screw	2		M8 X 20, SUB FOR 0280508200 AND 0280808200
13	8981732650	Bolt	1		
14	8982045290	Cylinder Block	1		



0-13 Oil Pan And Level Gauge

TX1190242 E.1

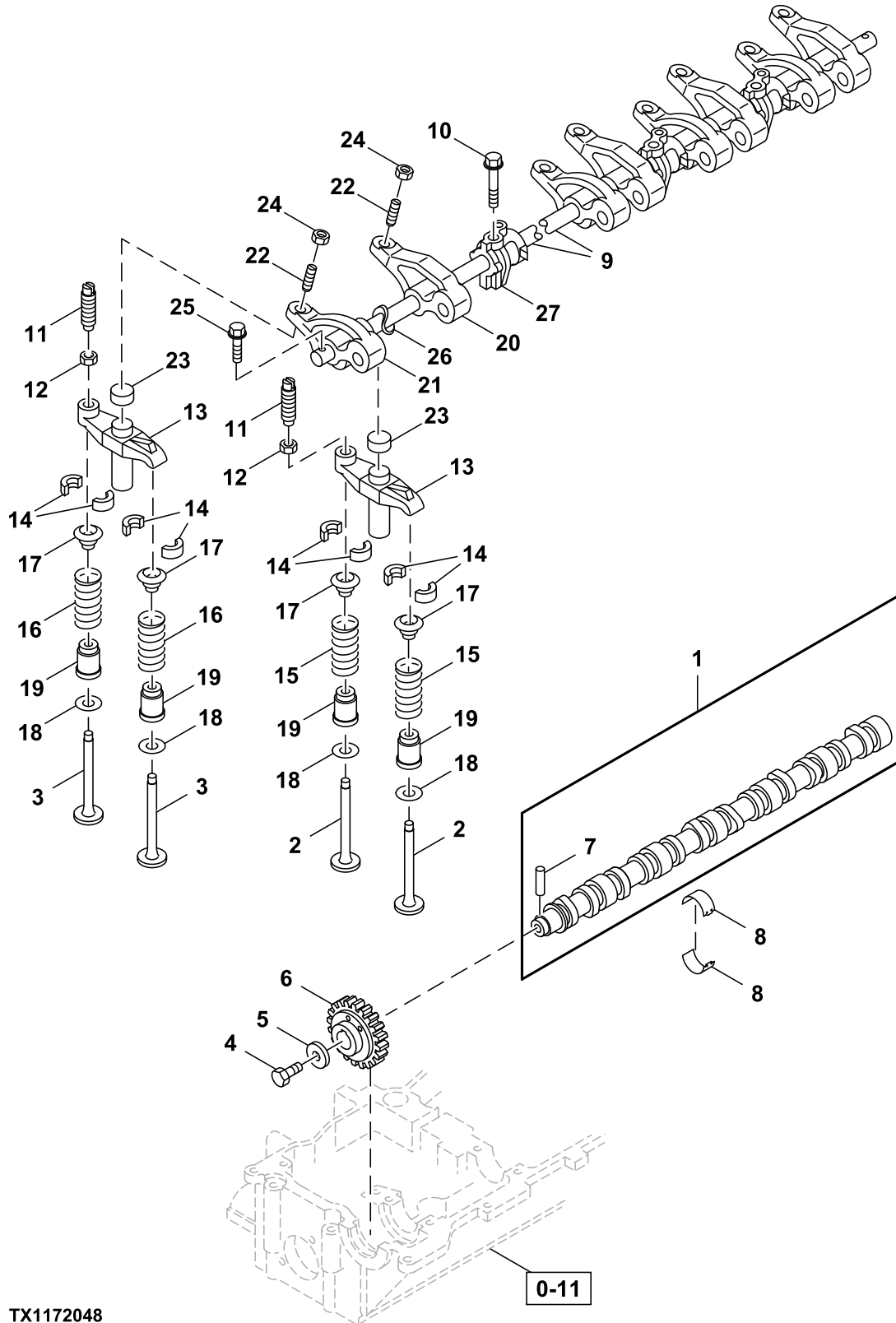


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Key	Part No.	Part Name	Qty.	Serial No.	Remarks
1	8981779000	Oil Pan	1		
2	8982403250	Gauge	1		Dipstick
3	1096300900	Gasket	1		SUB FOR 1096300590, Also Included In Gasket Kit, Engine
4	8981442470	Plug	1		
5	8982403200	Tube	1		
6	5096230023	Gasket	2		SUB FOR 1096234690 AND 5096230020
7	0280508160	Bolt	2		M8X16, SUB FOR 0280508120
8	8973638451	Gasket	1		Also Included In Gasket Kit, Engine
9	0915108080	Washer	4		
10	8981827880	Bolt	22		
11	14M7273	Nut	4		M8, SUB FOR 0911105080 AND 9091105080
12	8971312230	Sensor	1		Oil Level
13	8976049160	Gasket	1		SUB FOR 1096233550, Oil Level, Also Included In Gasket Kit, Engine
14	5113690720	Spacer	1		
15	0280506250	Bolt	3		M6X25
70	8982534070	Hose	1		SUB FOR 8973880231

0-14 Engine Camshaft And Valves

TX1172048 C.1

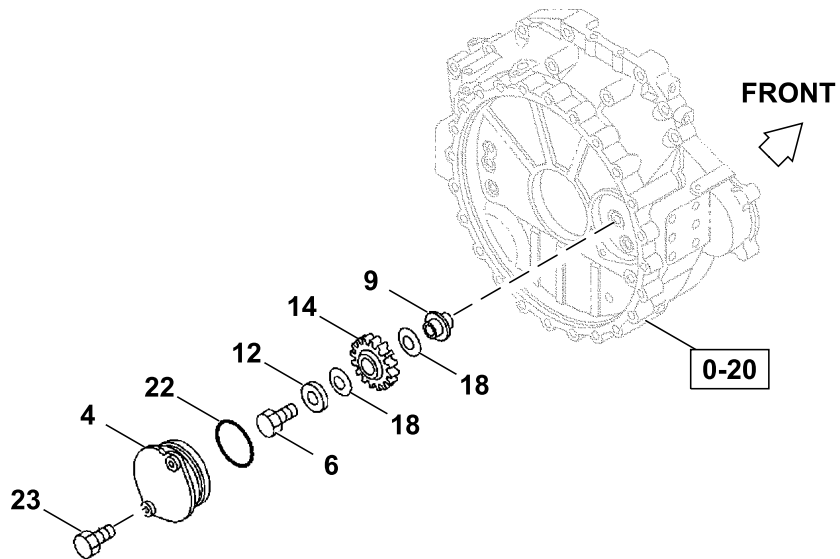
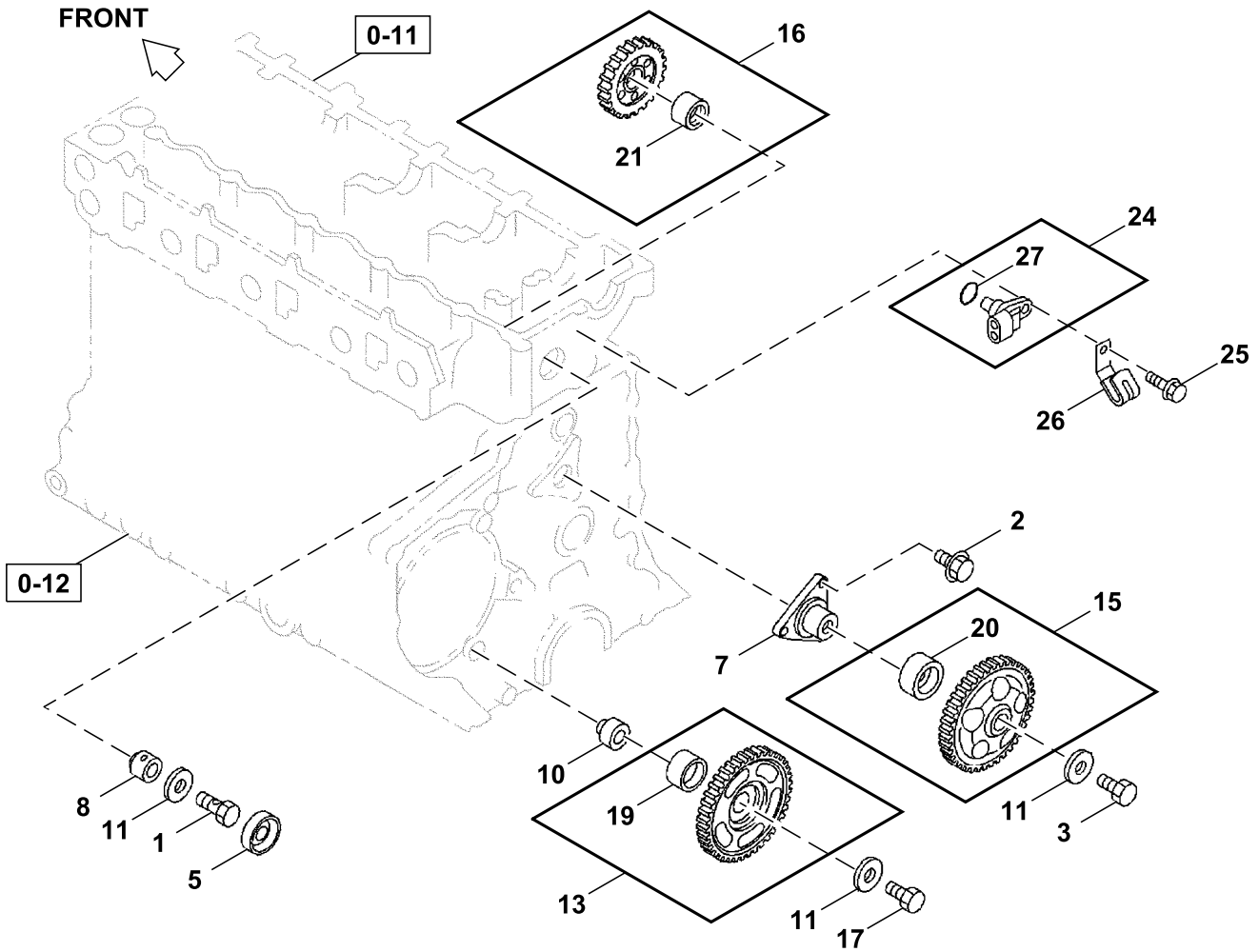


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Key	Part No.	Part Name	Qty.	Serial No.	Remarks
1	8972621660	Camshaft	1		
2	8943958822	Valve	8		SUB FOR 8943958821, Intake
3	8972098764	Valve	8		SUB FOR 8972098763, Exhaust
4	8943964390	Bolt	1		
5	9098518503	Washer	1		
6	8980189353	Gear	1		Z=35
7	8943994870	Pin Fastener	1		M14X40
8	8973861890	Bearing	10		SUB FOR 8973569390
9	8973899210	Rocker Arm Shaft	1		SUB FOR 8973064262
10	8943931310	Bolt	3		M10X62, SUB FOR 8971746500
11	8943948030	Screw	8		M8X21
12	14M7599	Nut	8		M8, SUB FOR 9098445740
13	8943920023	Valve Bridge	8		
14	5125650040	Locking Collar	32		
15	8943958840	Spring	8		Inlet
16	8943958851	Spring	8		SUB FOR 8943958850, Exhaust
17	8943907832	Valve Seat	16		
18	8943914680	Valve Seat	16		
19	8973767200	Seal	16		Also Included in Gasket Kit, Engine and Head
20	8973064213	Rocker Arm	4		Inlet
21	8973064243	Rocker Arm	4		Exhaust
22	8943950240	Screw	8		M10
23	8943960152	Cap	8		
24	0911115100	Nut	8		M10, SUB FOR 9091115100
25	0280808400	Bolt	2		M8X40, SUB FOR 0280508400 AND AT259927
26	8943929990	Spring	4		
27	8973344140	Bracket	3		

0-14 Engine Camshaft And Valve Support

TX1172049 A.1

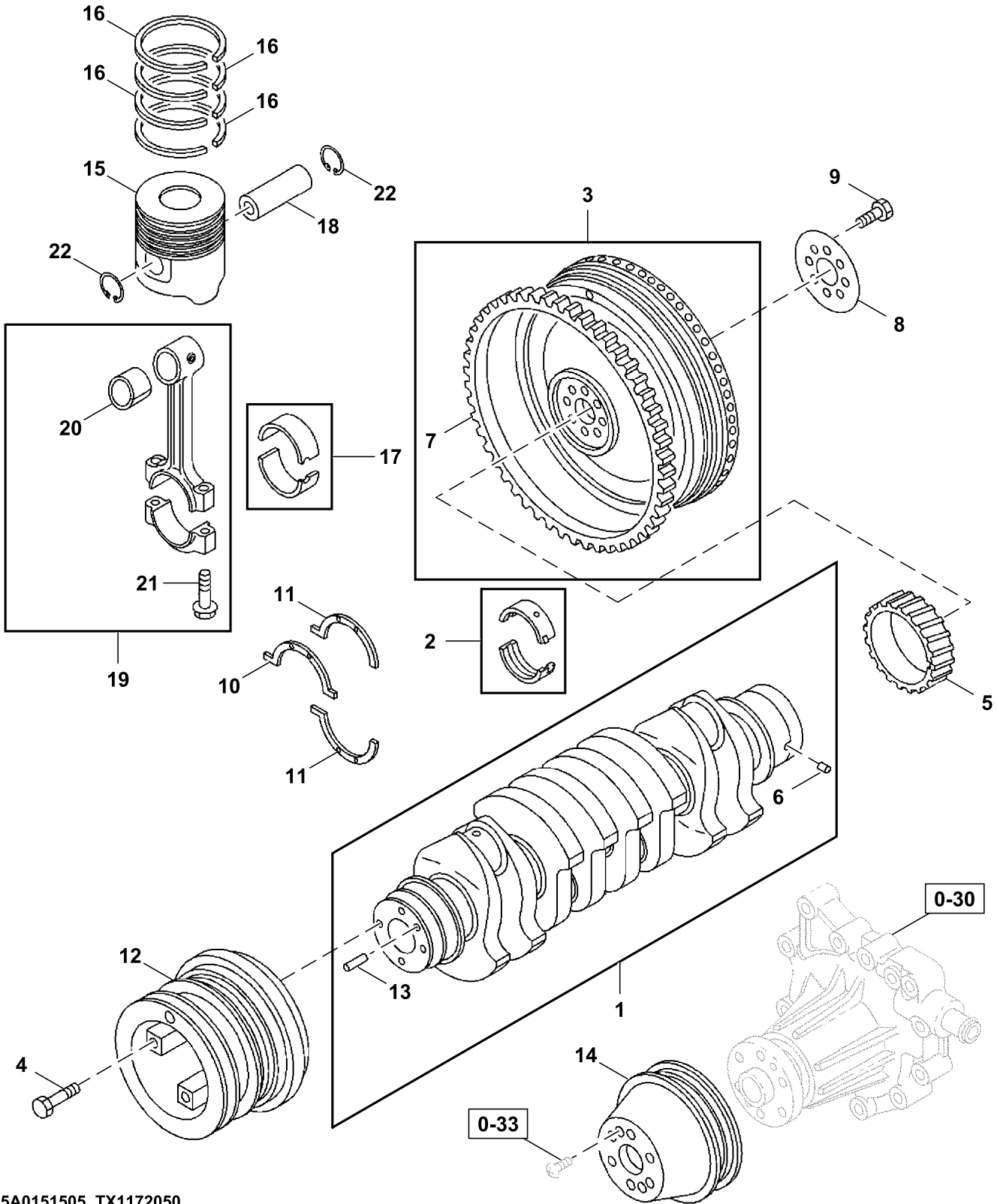


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Key	Part No.	Part Name	Qty.	Serial No.	Remarks
1	8943722211	Bolt	1		M14X36.5
2	0280608160	Bolt	3		M14X25
3	0239514250	Bolt	1		
4	8943346811	Cover	1		SUB FOR 8980238810
5	8970968260	Cover	1		
6	0169564600	Bolt	1		M14X60
7	8973500210	Shaft	1		SUB FOR 8971892441
8	8971863981	Shaft	1		
9	8980410990	Shaft	1		
10	8980607800	Shaft	1		SUB FOR 8971043800
11	8972097282	Thrust Washer	3		SUB FOR 8972097281
12	8980236160	Bushing	1		
13	8976005861	Gear	1		Z=72-60-30
14	8980410640	Gear	1		Z=34
15	8976067670	Gear	1		Z=61; SUB FOR 8976005900
16	8976069290	Gear	1		Z=41; SUB FOR 8973004480
17	8971131670	Bolt	1		M14X65, SUB FOR 8970667980
18	8980410890	Washer	2		
19	1125280280	Bushing	1		
20	8976067680	Bushing	1		SUB FOR 8943693400
21	8976067700	Bushing	1		SUB FOR 8971126080
22	1096234230	Gasket	1		Also Included In Gasket Kit, Engine
23	0280508160	Bolt	2		M8X16, SUB FOR 0280508120
24	8980190240	Sensor	1		Cam Angle
25	0280506120	Bolt	1		M6X12, SUB FOR 0280806120
26	8973679851	Clip	1		SUB FOR 5097003071, 8942251850 AND 8973679850
27	8973694040	Gasket	1		

0-15 Crankshaft, Pistons, and Flywheel

TX1172050 A.1



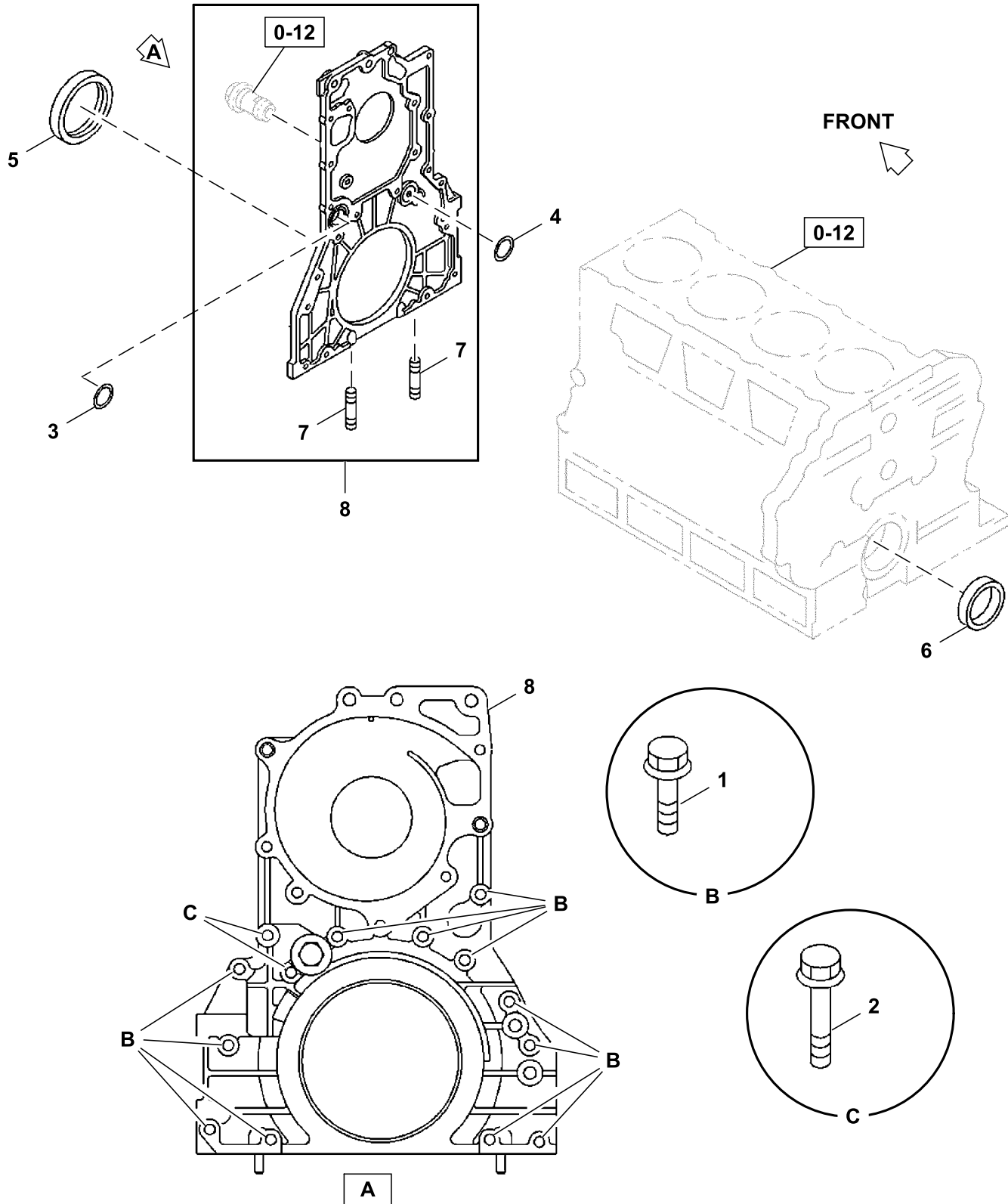
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Key	Part No.	Part Name	Qty.	Serial No.	Remarks
1	8980292700	Crankshaft	1		SUB FOR 8973525343
2	8973720761	Bearing	5		SUB FOR 8973720760, Blue
	8973720771	Bearing	1		Black
	8973720781	Bearing	1		Brown
3	8981519330	Flywheel	1		
4	8970287330	Bolt	4		M16X42
5	8943922551	Gear	1		Z=42
6	9098786260	Dowel Pin	1		
7	8943931320	Gear	1		Z=129
8	8943974961	Washer	1		
9	8971780130	Bolt	8		M16X42, SUB FOR 8971129990
10	8973865480	Thrust Washer	1		SUB FOR 8943992770, Front
11	8973865490	Thrust Washer	2		SUB FOR 8943992830, Rear
12	8973627472	Pulley	1		
13	9081508200	Pin Fastener	2		
14	8980182361	Pulley	1		
15	8982445220	Piston	4		Also Included In Liner Set
16	8980171660	Piston Ring	4		Also Included In Liner Set
17	8976163580	Bearing Kit	4		SUB FOR 8980554800, Green
	8976163590	Bearing Kit	1		Yellow
18	8980188631	Pin	4		Also Included In Liner Set
19	8980184253	Connecting Rod	4		SUB FOR 8980184251 AND 8980184252
20	8943917941	Bushing	1		SUB FOR 8943917940
21	1122350350	Bolt	2		M13X57, SUB FOR 8980911410
22	1095870811	Ring	8		Also Included In Liner Set



0-20 Timing Gear Case

TX1172051 A.1

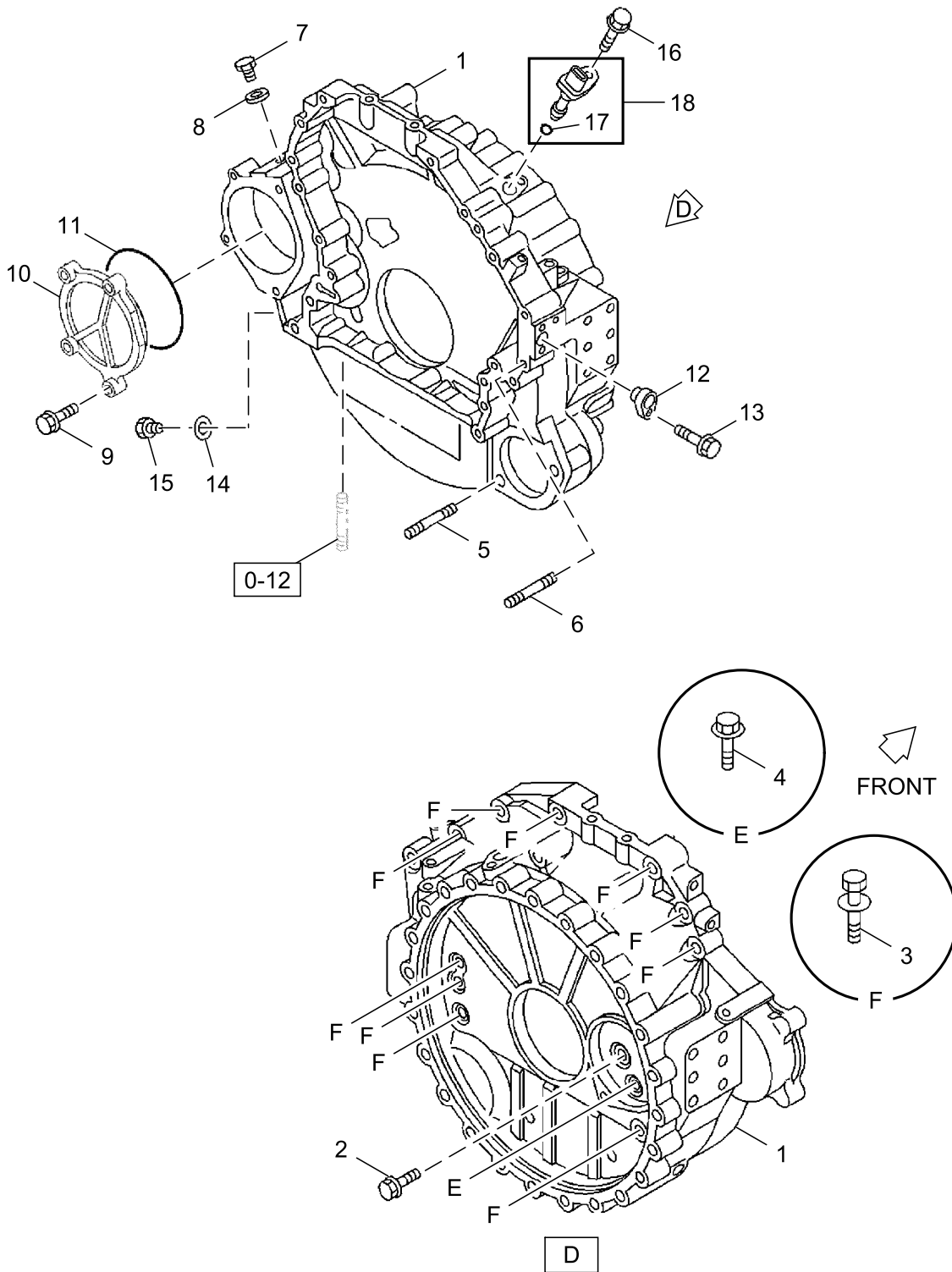


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Key	Part No.	Part Name	Qty.	Serial No.	Remarks
1	0286808350	Bolt	12		M8X35, SUB FOR 0286508350
2	1090440721	Bolt	2		M8X65
3	8970287481	Gasket	1		Also Included In Gasket Kit, Engine
4	9095613180	Gasket	1		Also Included In Gasket Kit, Engine
5	8973829550	Seal	1		Also Included In Gasket Kit, Engine
6	8972093423	Seal	1		SUB FOR 8972093422, Also Included In Gasket Kit, Engine
7	0410108180	Stud	2		M8X18
8	8982038950	Cover	1		

0-20 Flywheel Housing and Support

TX1172052 B.1

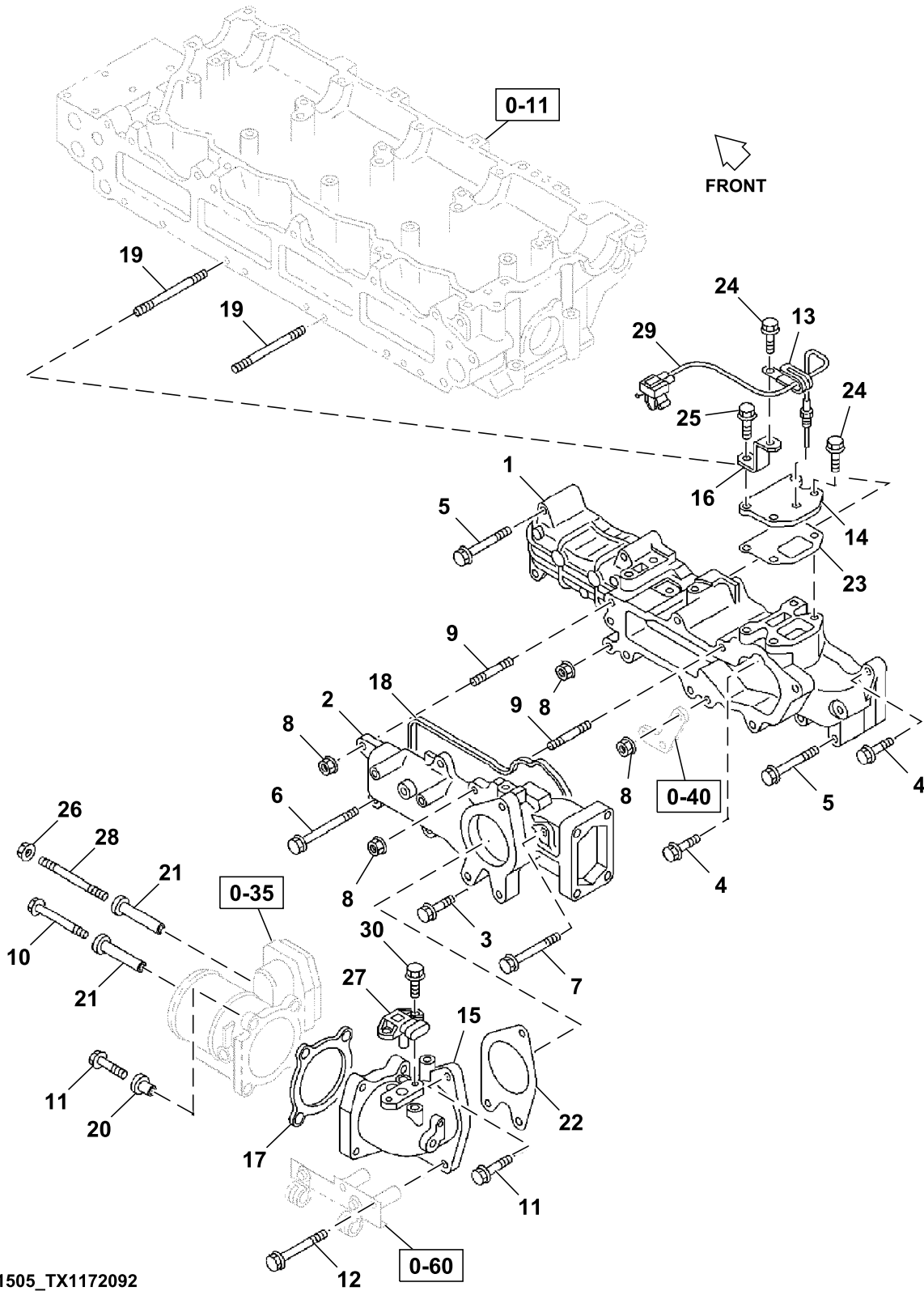


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Key	Part No.	Part Name	Qty.	Serial No.	Remarks
1	8981164212	Housing	1		SUB FOR 8981164210 OR 8981164211
2	0287510400	Bolt	1		SUB FOR 0287810400
3	8971147790	Bolt	11		
4	8971354190	Bolt	1		SUB FOR 8943439190
5	0440112300	Stud	2		SUB FOR 9944112300
6	0440112550	Stud	1		
7	0920024120	Plug	1		SUB FOR 5096040120
8	8944725841	Gasket	1		SUB FOR 8944725840, Also Included in Gasket Set (Engine)
9	0281512350	Bolt	4		SUB FOR 0281812350
10	8980653550	Cover	1		
11	1096235700	Gasket	1		Also Included in Gasket Set (Engine)
12	8971019740	Plug	1		
13	0280506160	Bolt	1		
14	9095714160	Gasket	1		
15	0920024160	Plug	1		
16	0280506120	Bolt	1		
17	8973694040	Gasket	1		
18	8976069430	Sensor	1		Tachometer

**0-25 Engine Air Intake Manifold**

TX1172092 A.1

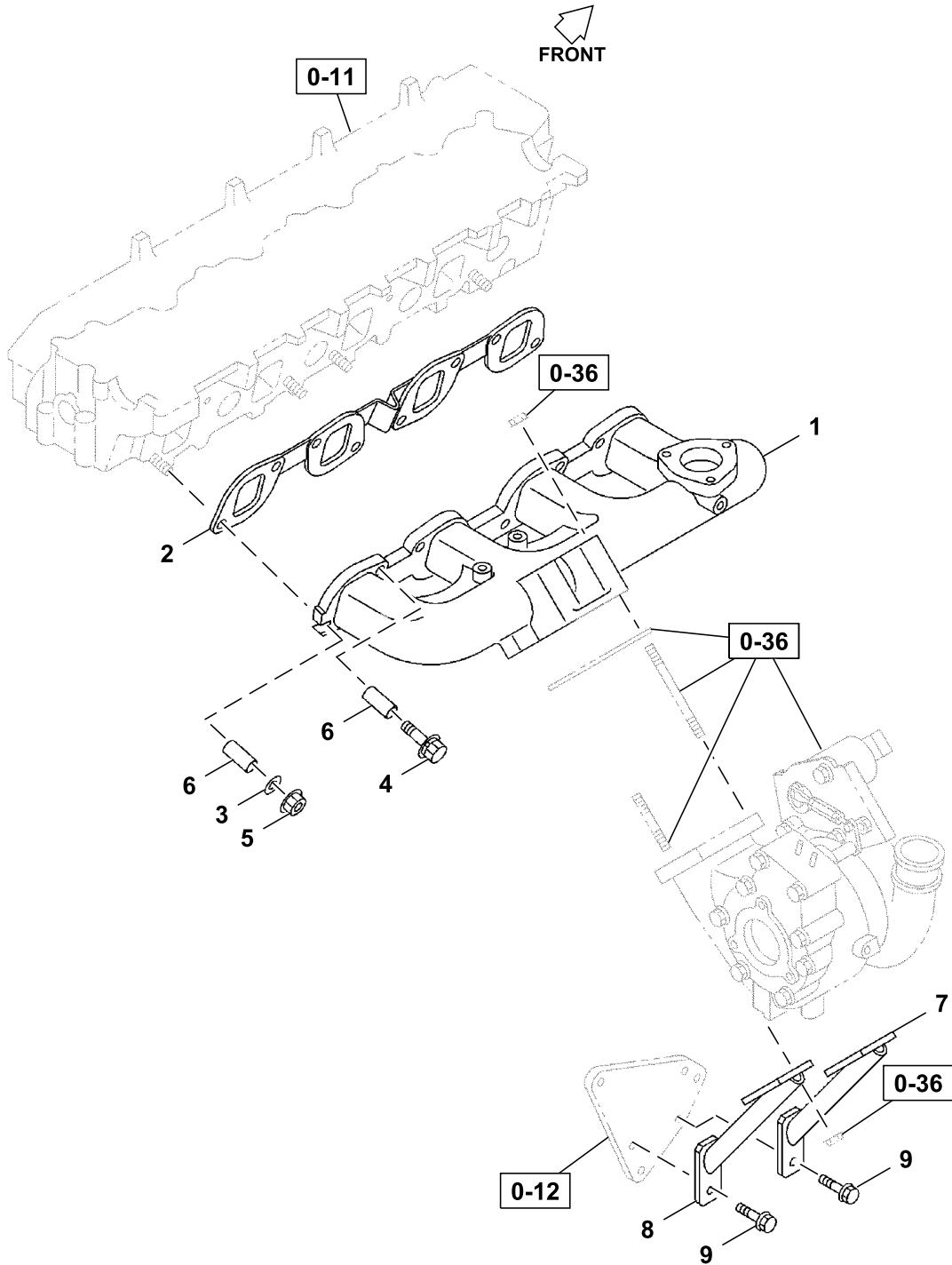


025A0151505\_TX1172092

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
1	8981156671	Cover	1		
2	8982365680	Cover	1		
3	0280508250	Bolt	1		SUB FOR 0280808250
4	0280508300	Bolt	2		
5	0280808600	Bolt	5		SUB FOR 0280508600, 8941583930 AND 8941583931
6	0280558120	Bolt	3		SUB FOR 0280858120
7	8980815070	Bolt	1		
8	0911801080	Nut	4		SUB FOR 8940120390
9	0410108250	Stud	2		SUB FOR 9041108250
10	0280508700	Bolt	1		SUB FOR 0280808700
11	0286508300	Bolt	3		SUB FOR 8970297050
12	8980815070	Bolt	2		
13	8973679851	Clip	1		SUB FOR 8973679850
14	8981646610	Bracket	1		
15	8982365720	Pipe	1		
16	1474781130	Bracket	1		
17	8973870090	Gasket	1		Also Included in Gasket Set (Engine and Head)
18	8980326110	Gasket	1		Also Included in Gasket Set (Engine and Head)
19	8971114770	Stud	2		SUB FOR 8970158360
20	8972196500	Isolator	2		
21	8973879951	Seal	2		SUB FOR 8973879950
22	8973060251	Gasket	1		SUB FOR 8973060250, Also Included in Gasket Set (Engine)
23	8973788140	Gasket	1		Also Included in Gasket Set (Engine)
24	0280508160	Bolt	4		SUB FOR 0280508120
25	19M7866	Screw	1		M8 X 20, SUB FOR 0280508200 AND 0280808200
26	0911801080	Nut	1		SUB FOR 8940120390
27	FYA00001668	Sensor	1		SUB FOR 8981216970 AND 8981216971, Manifold Absolute Pressure
28	8980170630	Stud	1		
29	8973811820	Sensor	1		Air Temperature
30	0280506120	Bolt	2		SUB FOR 0280806120

0-27 Engine Exhaust Manifold

TX1172093 A.1



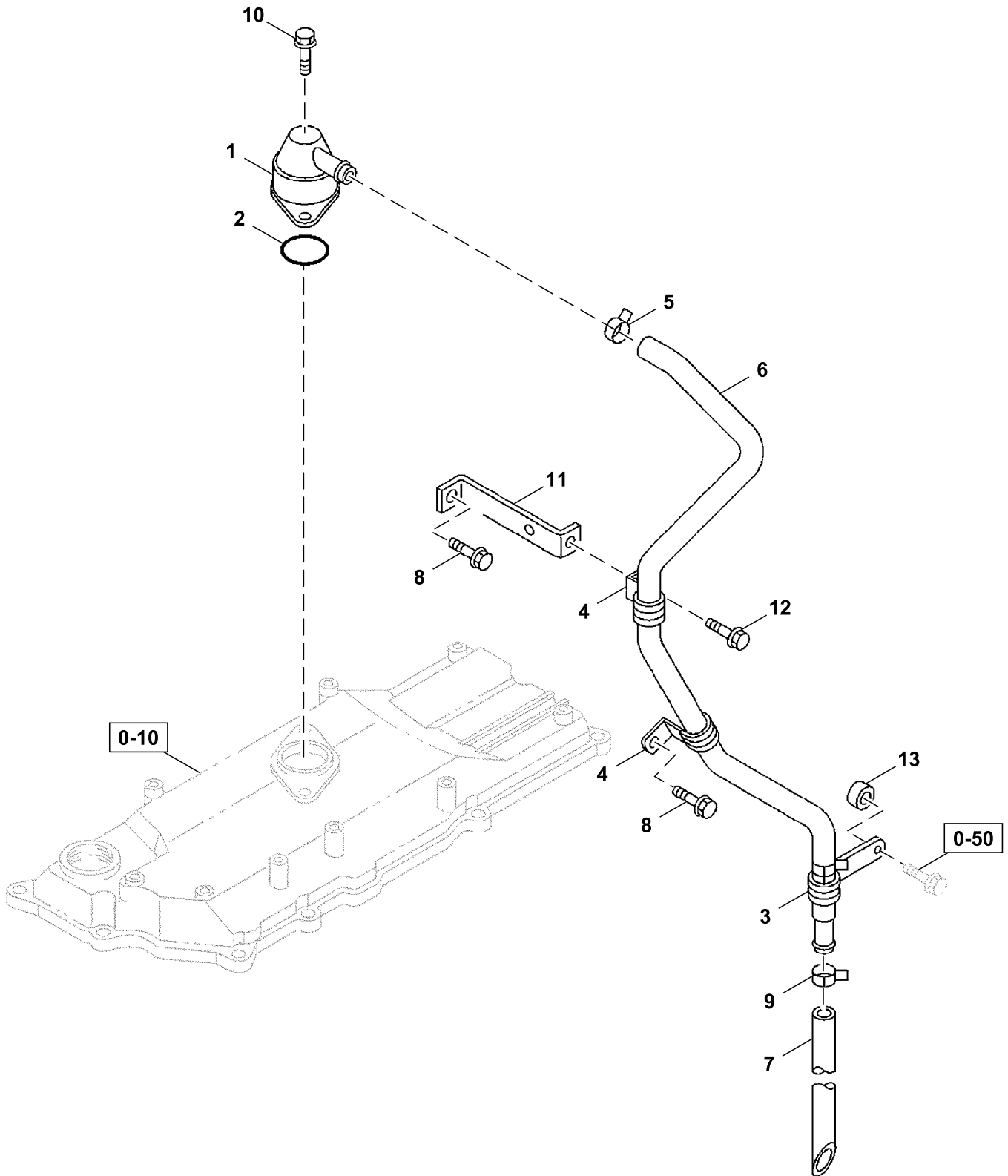
027A0151505\_TX1172093

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
1	8981139771	Manifold	1		Exhaust
2	8971464992	Gasket	1		SUB FOR 8971464991, Also Included in Gasket Kit, Engine and Head
3	1095560150	Washer	2		
4	8970615430	Bolt	6		M10X60
5	0911105100	Nut	2		SUB FOR 9091105100
6	8972500731	Locking Collar	8		
7	8981651751	Latch	1		SUB FOR 8981651750
8	8981651761	Latch	1		SUB FOR 8981651760
9	0281510200	Bolt	2		M10X20



0-28 Engine Ventilation

TX1172094 A.1

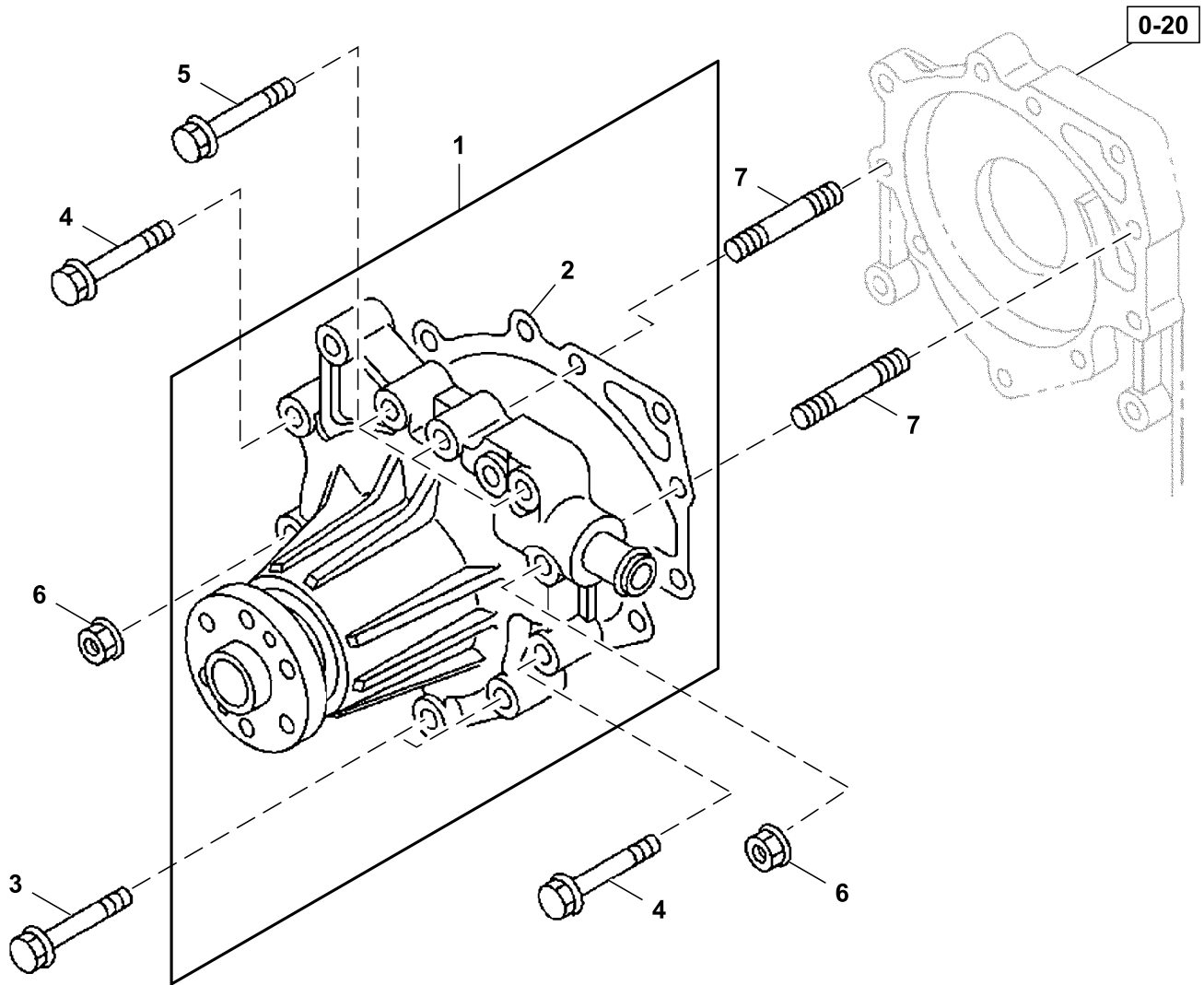


028A0151505\_TX1172094

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
1	1117401811	Breather	1		SUB FOR 1117401810 Also Included In Gasket Kit, Engine
2	1096235650	O-Ring	1		
3	1097007041	Clip	1		
4	8976155680	Clip	2		
5	1097071500	Clip	1		
6	8982422110	Hose	1		
7	8982596140	Hose	1		
8	0280508160	Bolt	2		M8X16, SUB FOR 0280508120
9	1097071500	Clip	1		
10	0281510200	Bolt	1		M10X20
11	8981893360	Bracket	1		
12	0281510160	Bolt	1		M10X16, SUB FOR 0281810160
13	8943876581	Spacer	1		

0-30 Water Pump

TX1172095 A.1



030A0151505\_TX1172095

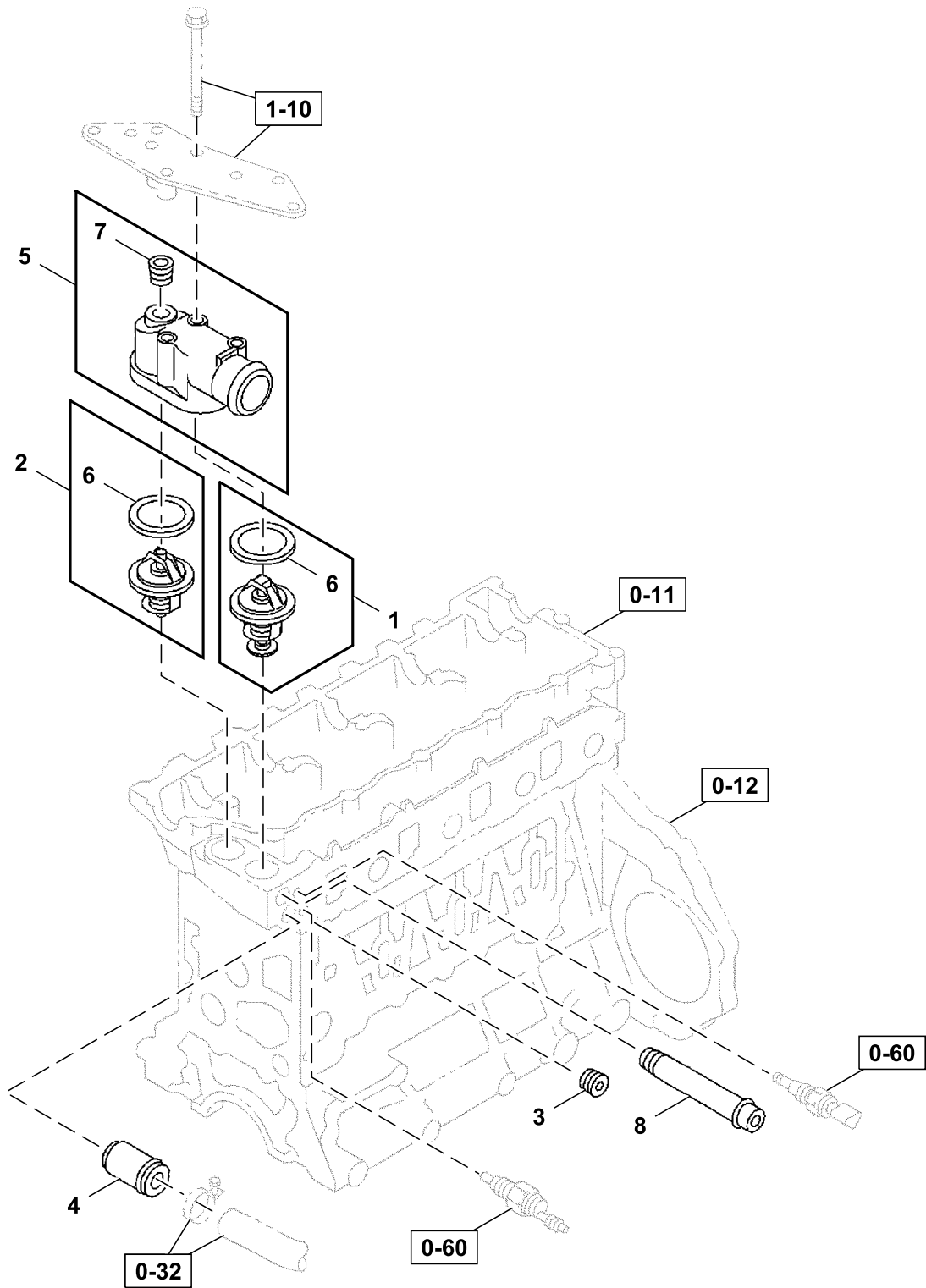
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Key	Part No.	Part Name	Qty.	Serial No.	Remarks
1	5873111091	Water Pump	1		SUB FOR 5873111090
2	8981148001	Gasket	1		SUB FOR 8981148000, Also Included In Gasket Kit, Engine
3	8944584731	Bolt	2		M8X48, SUB FOR 8944584730
4	0280608700	Bolt	3		M8X70, SUB FOR 0280908700
5	0281510700	Bolt	3		M10X70
6	0911801080	Nut	2		M8, SUB FOR 8940120390
7	8980170630	Stud	2		M8X71

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0-31 Thermostat and Housing

TX1172096 A.1



031A0151505\_TX1172096

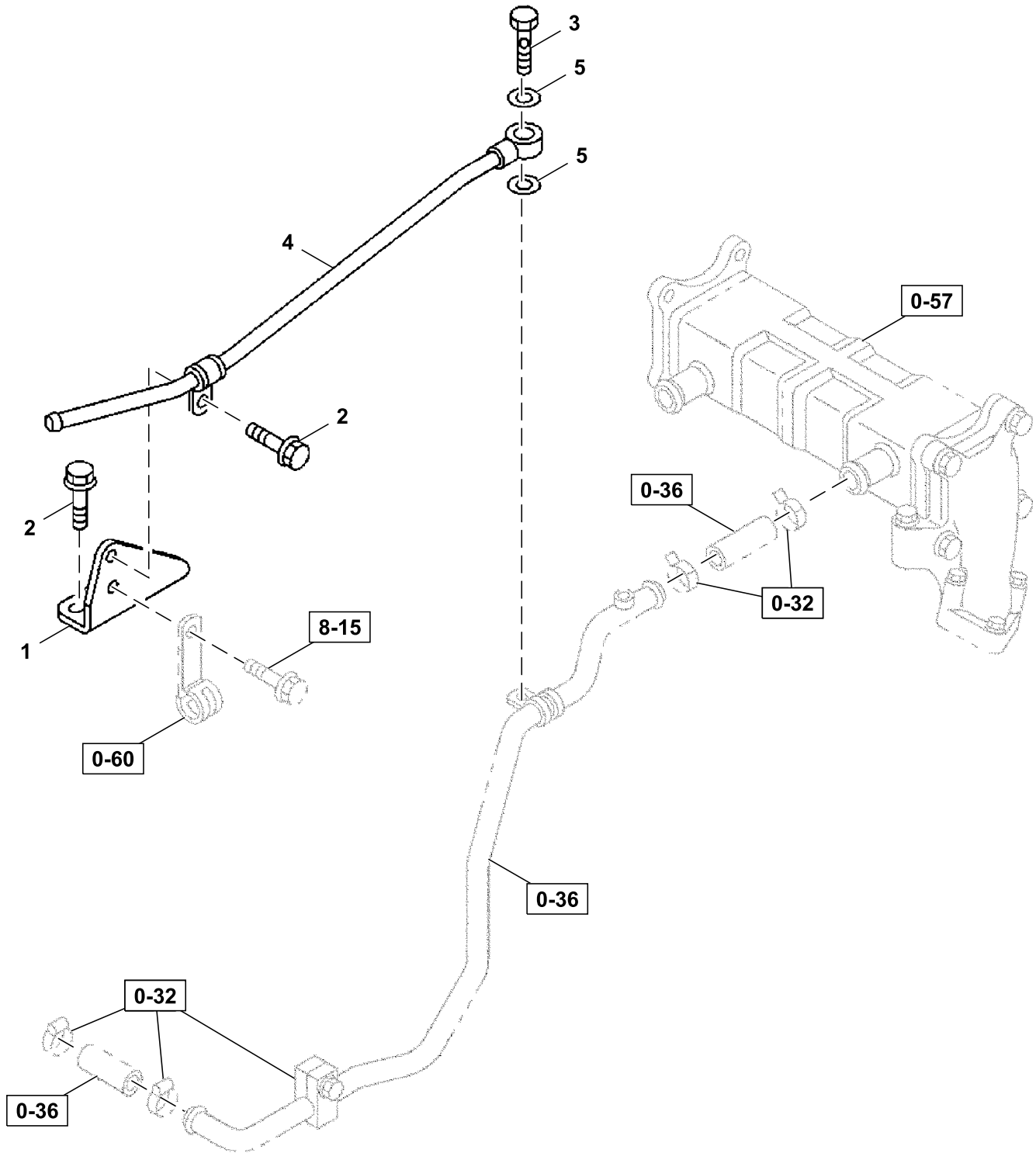
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Key	Part No.	Part Name	Qty.	Serial No.	Remarks
1	8973007893	Thermostat	1		SUB FOR 8973007892, 82 Celsius
2	8982389101	Thermostat	1		SUB FOR 8982389100, 76 Celsius
3	5096050050	Pipe Plug	1		SUB FOR AT254825
4	8943425740	Pipe	1		
5	8943905201	Line	1		
6	8982802810	Gasket	1		Also Included In Gasket Set (Engine & Head)
7	8943905270	Plug	1		
8	1096605041	Fitting	1		

---

0-31 Thermostat Lines

TX1172097 A.1



031A0251505\_TX1172097

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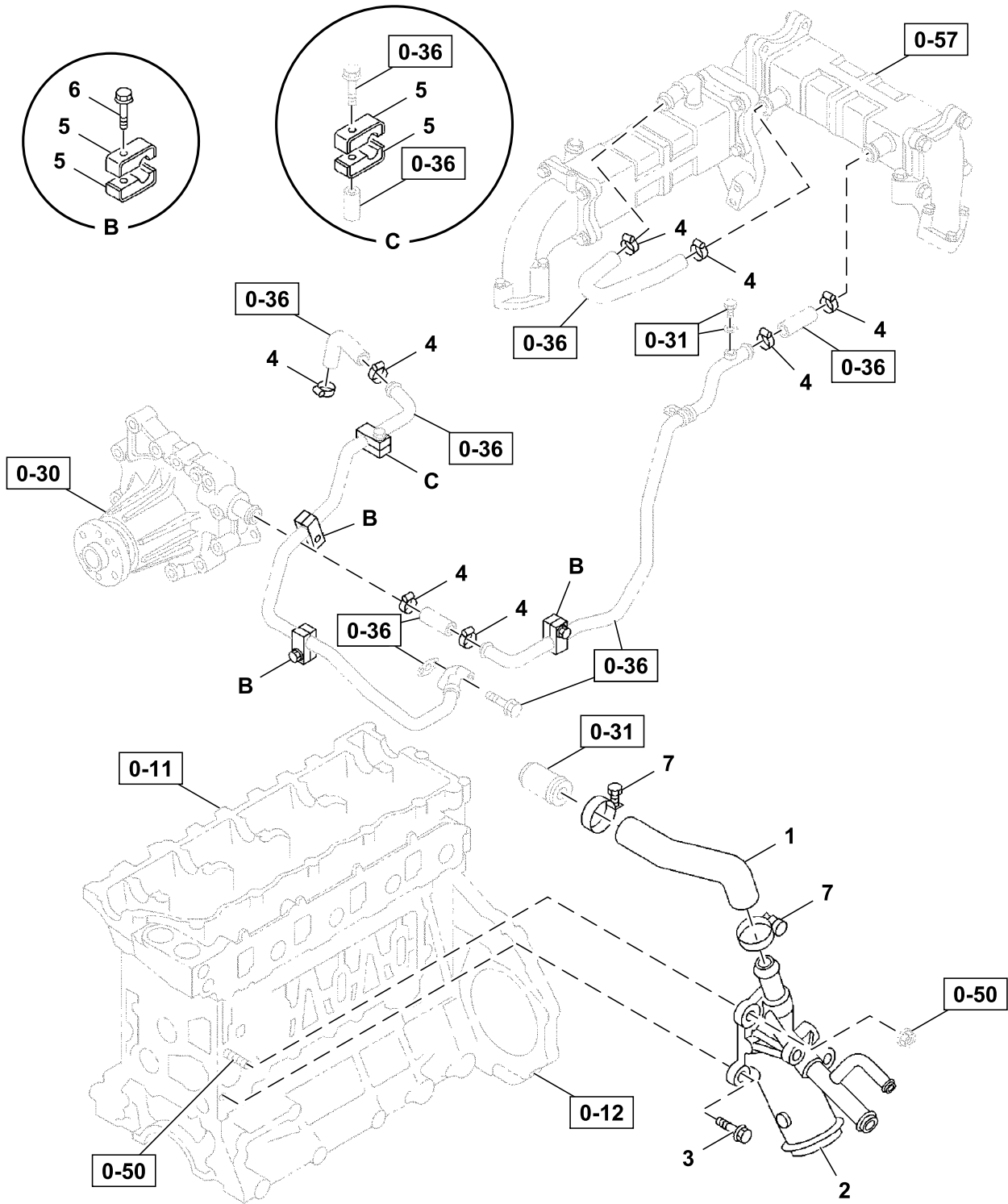
Key	Part No.	Part Name	Qty.	Serial No.	Remarks
1	8982476970	Bracket	1		
2	0280508160	Bolt	2		
3	8982480331	Bolt	1		M8X16, SUB FOR 0280508120
4	8982477240	Pipe	1		M10X23
5	9095714100	Gasket	2		

---



0-32 Water Bypass Manifold Plumbing

TX1172098 A.1



032A0151505\_TX1172098

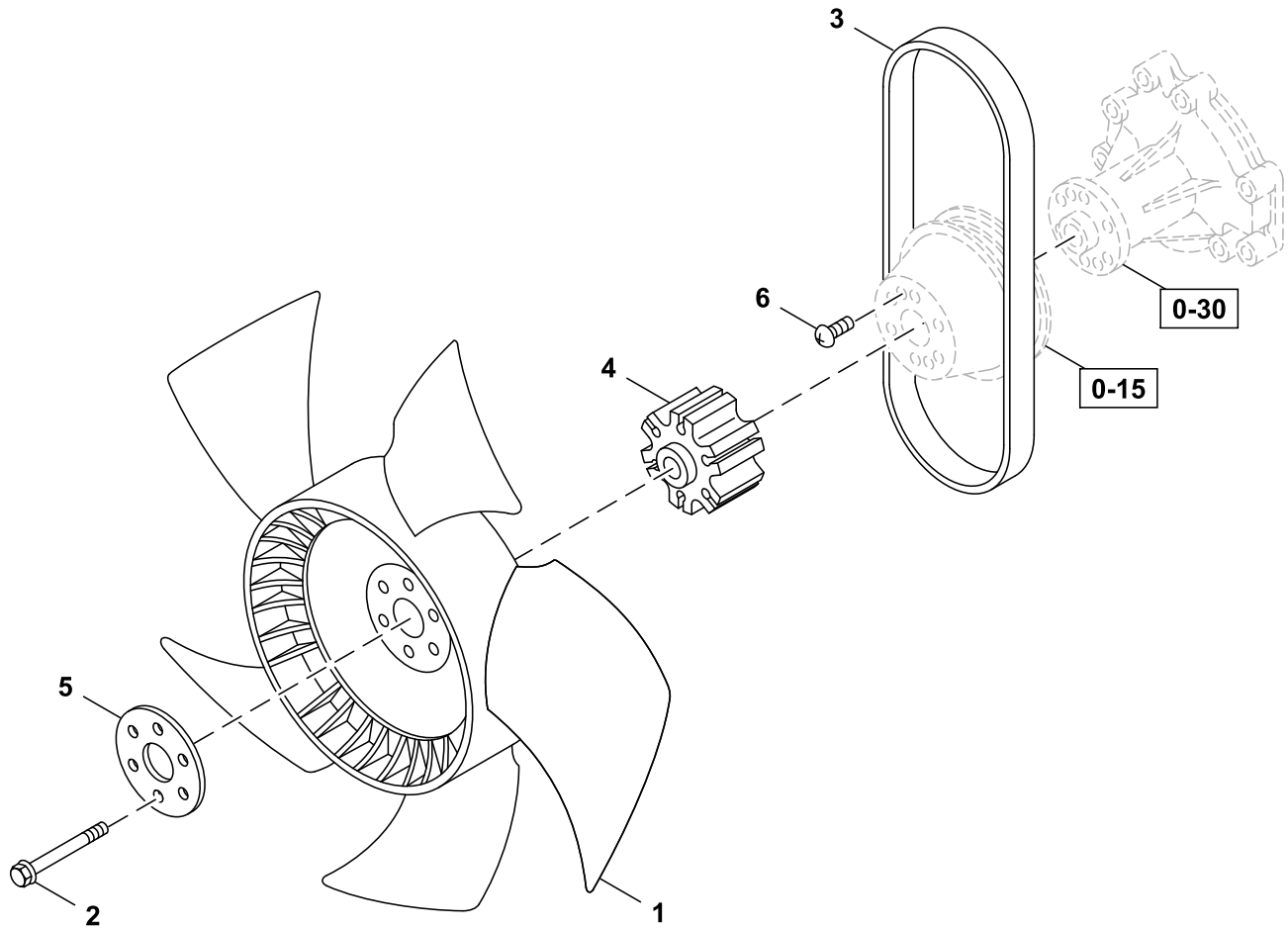
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Key	Part No.	Part Name	Qty.	Serial No.	Remarks
1	8972099491	Hose	1		
2	8982373370	Pipe	1		
3	8944584731	Bolt	1		M8X48, SUB FOR 8944584730
4	1097071330	Clip	8		SUB FOR 1097071320
5	8976033621	Clip	8		
6	0280508500	Bolt	3		M8X50, SUB FOR 0280808500
7	8970110950	Clip	2		SUB FOR 9099153151

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0-33 Fan and Fan Belt

TX1190227 B.1



033A0251505\_TX1190227

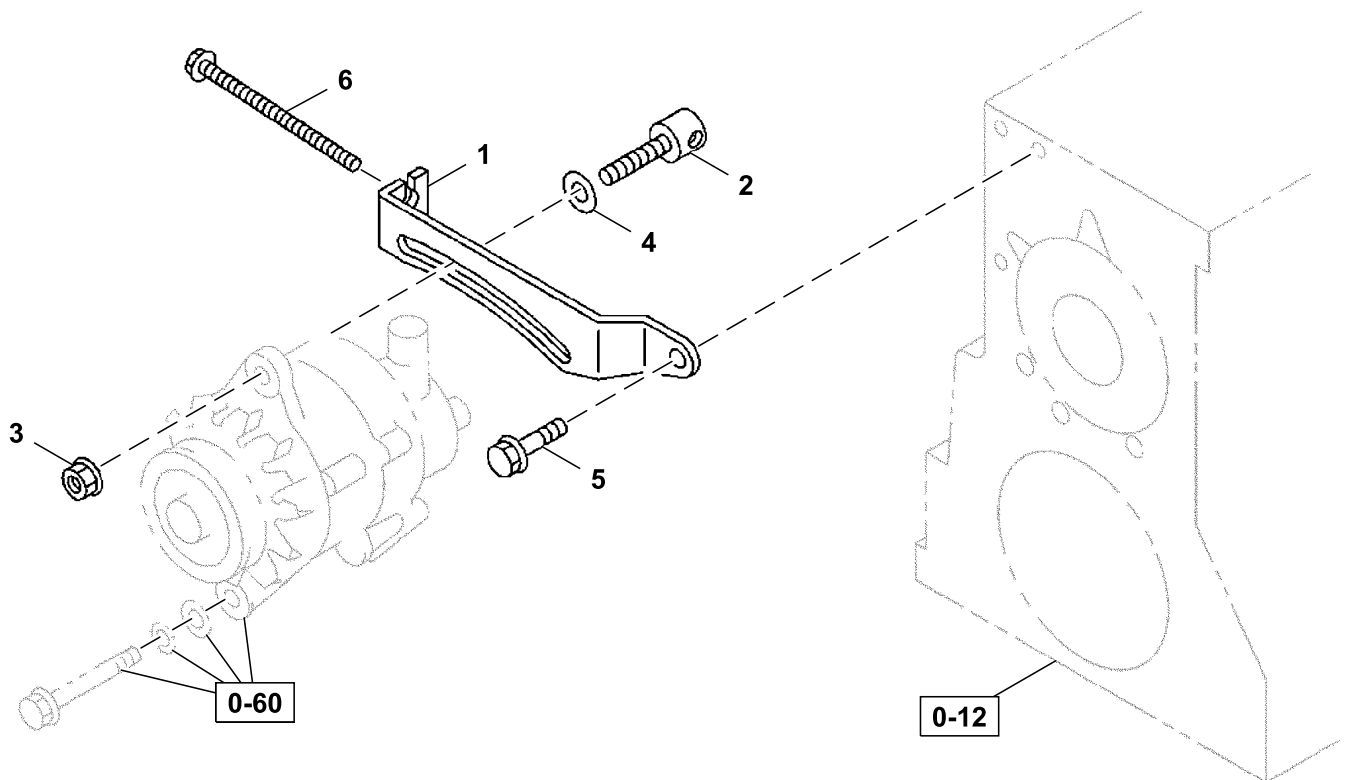
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<i>Key</i>	<i>Part No.</i>	<i>Part Name</i>	<i>Qty.</i>	<i>Serial No.</i>	<i>Remarks</i>
1	8980185071	Fan	1		
2	8978058411	Bolt	6		
3	8973628150	V-Belt	1		
4	8980352340	Spacer	1		
5	8980201440	Plate	1		
6	9034906100	Screw	2		

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0-33 Fan Motor Mounting

TX1172100 A.1



033A0251505\_TX1172100

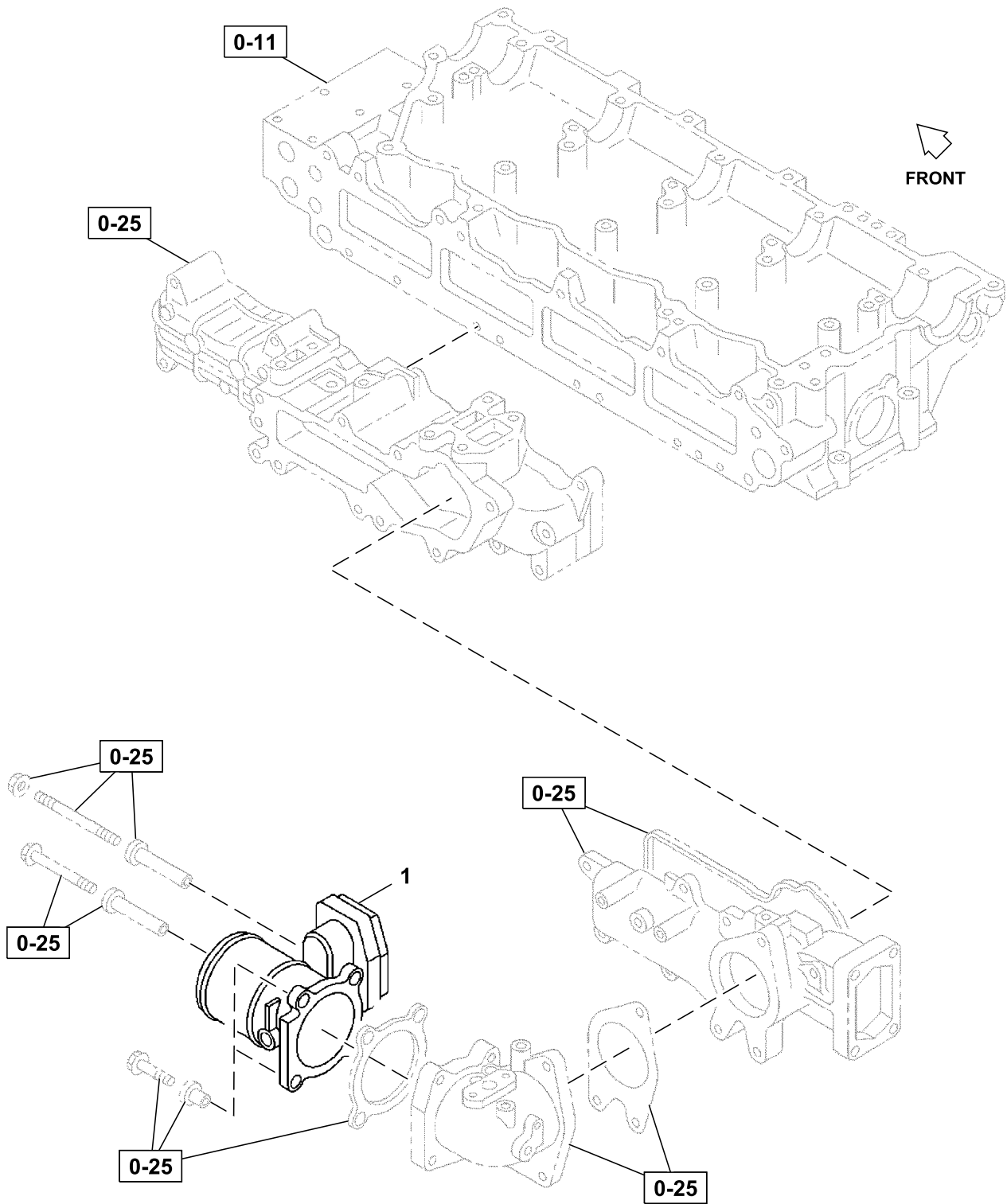
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Key	Part No.	Part Name	Qty.	Serial No.	Remarks
1	8973628450	Plate	1		
2	1136741600	Adjuster	1		
3	0911801120	Nut	1		M12, SUB FOR 0911501120
4	0916107120	Washer	1		
5	0281510200	Bolt	1		M10X20
6	1090091141	Bolt	1		M10X155

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0-35 Engine Throttle Control Valve

TX1172101 A.1



035A0151505\_TX1172101

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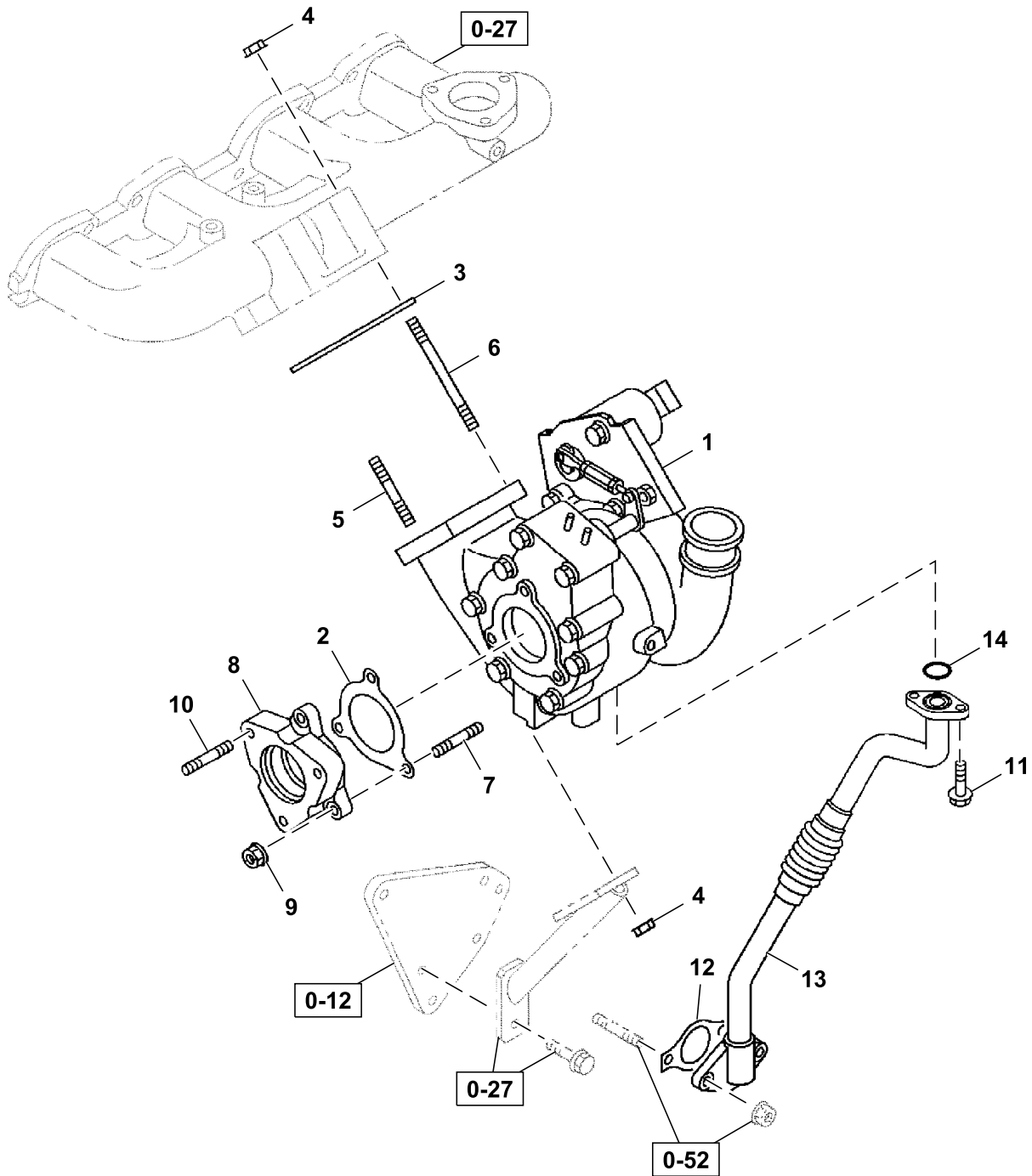
<i>Key</i>	<i>Part No.</i>	<i>Part Name</i>	<i>Qty.</i>	<i>Serial No.</i>	<i>Remarks</i>
1	8981008994	Valve	1		SUB FOR 8981008991, 8981008992 OR 8981008993, Throttle

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0-36 Turbocharger

TX1172245 B.1

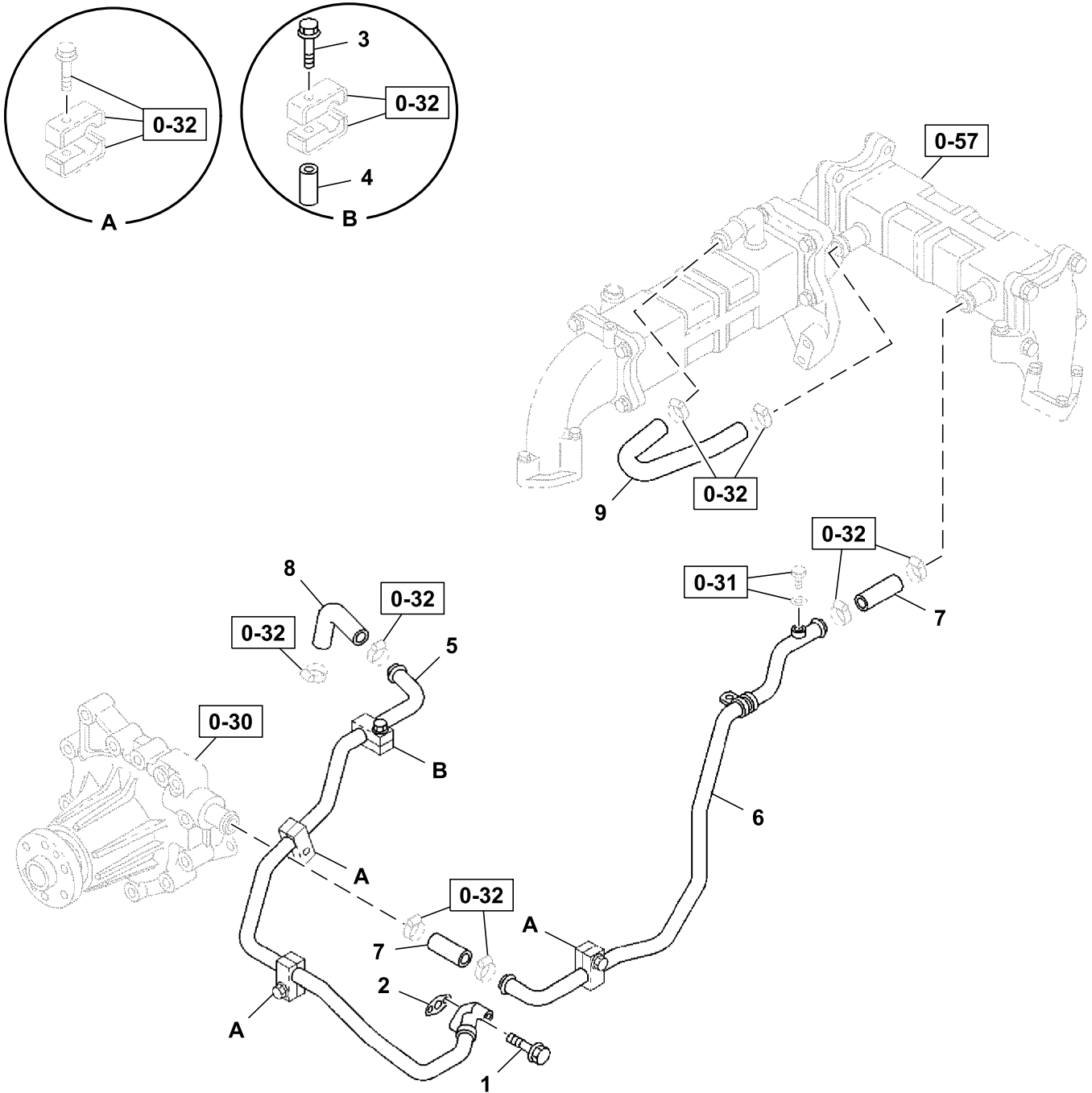


036A0151505\_TX1172245

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
1	8983250950	Turbocharger	1		SUB FOR 8982384740 AND 8982384741
2	4664929	Gasket	1		SUB FOR 8973767580, Also Included In Gasket Set, Engine & Head
3	8980462410	Gasket	1		Also Included In Gasket Set, Engine & Head
4	8973816170	Nut	4		
5	8973070752	Stud	2		
6	8980484460	Stud	2		
7	9041308250	Stud	3		
8	8982373490	Adapter	1		
9	14M7298	Flange Nut	3		M8, SUB FOR 8970614011
10	9041308250	Stud	3		
11	0505406160	Bolt	2		SUB FOR 0500806160
12	.....	Gasket	1		8943946710 NLA, Also Included In Gasket Set, Engine & Head
13	8981148030	Pipe	1		
14	1096234620	Gasket	1		

0-36 Heat Exchangers, Water Pump to Exhaust Gas Recirculation (EGR)

TX1172246 A.1

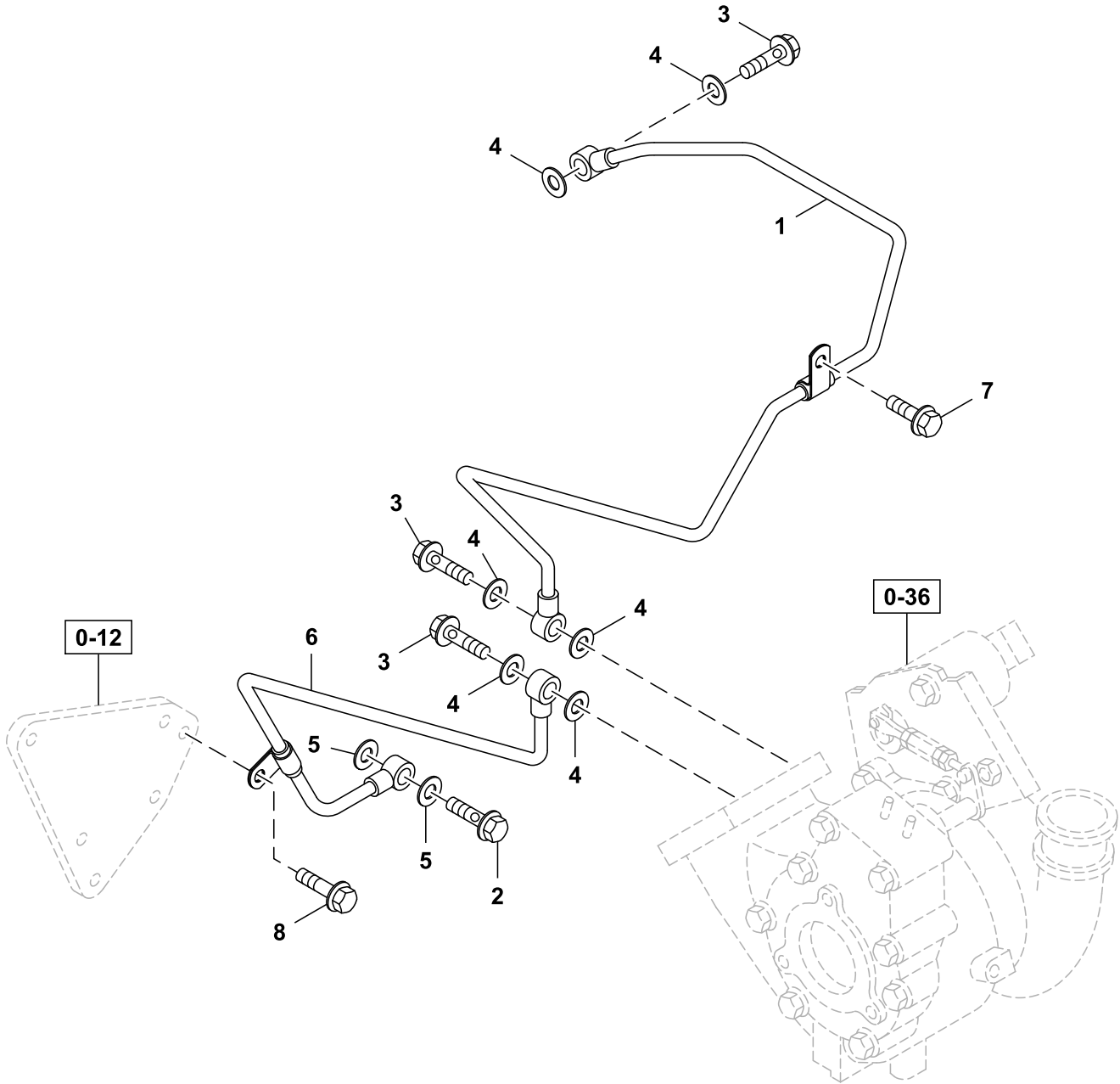


036A0251505\_TX1172246

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
1	0280508500	Bolt	2		M8X50, SUB FOR 0280808500
2	8980961660	Gasket	1		Also Included In Gasket Kit, Engine
3	0280508000	Bolt	1		M8X100
4	1113691570	Spacer	1		
5	8981232461	Pipe	1		Water Pump to Exhaust Gas Recirculation (EGR)
6	8981232472	Pipe	1		Water Pump to Exhaust Gas Recirculation (EGR)
7	0035743000	Hose	2		Exhaust Gas Recirculation (EGR) To Water Pump Hose
8	8981261860	Hose	1		Water Pump to Exhaust Gas Recirculation (EGR)
9	8981261870	Hose	1		Exhaust Gas Recirculation (EGR)

0-36 Turbocharger Cooling Plumbing

TX1172247 B.1

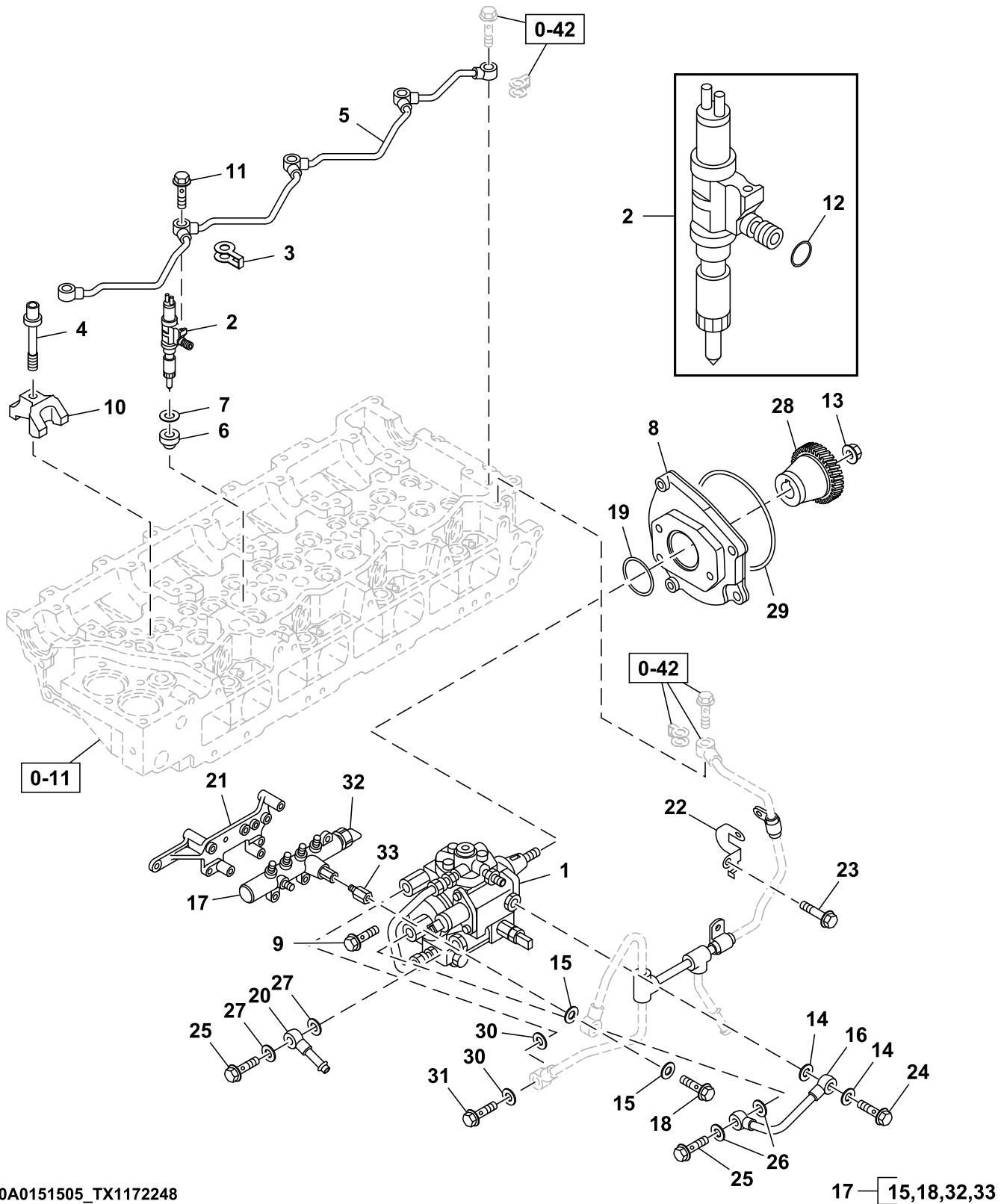


036A0351505\_TX1172247

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
1	8981519150	Pipe	1		
2	8944551440	Bolt	1		M14X30
3	8944369330	Bolt	3		M12X28
4	9095714120	Gasket	6		Also Included In Gasket Kit, Engine
5	8982513450	Packing	2		Also Included In Gasket Kit, Engine
6	8981148041	Pipe	1		
7	0280508160	Bolt	1		M8X12, SUB FOR 0280508120
8	0280508250	Bolt	1		M8X25, SUB FOR 0280808250

0-40 Fuel Injection System

TX1172248 E.1



040A0151505\_TX1172248

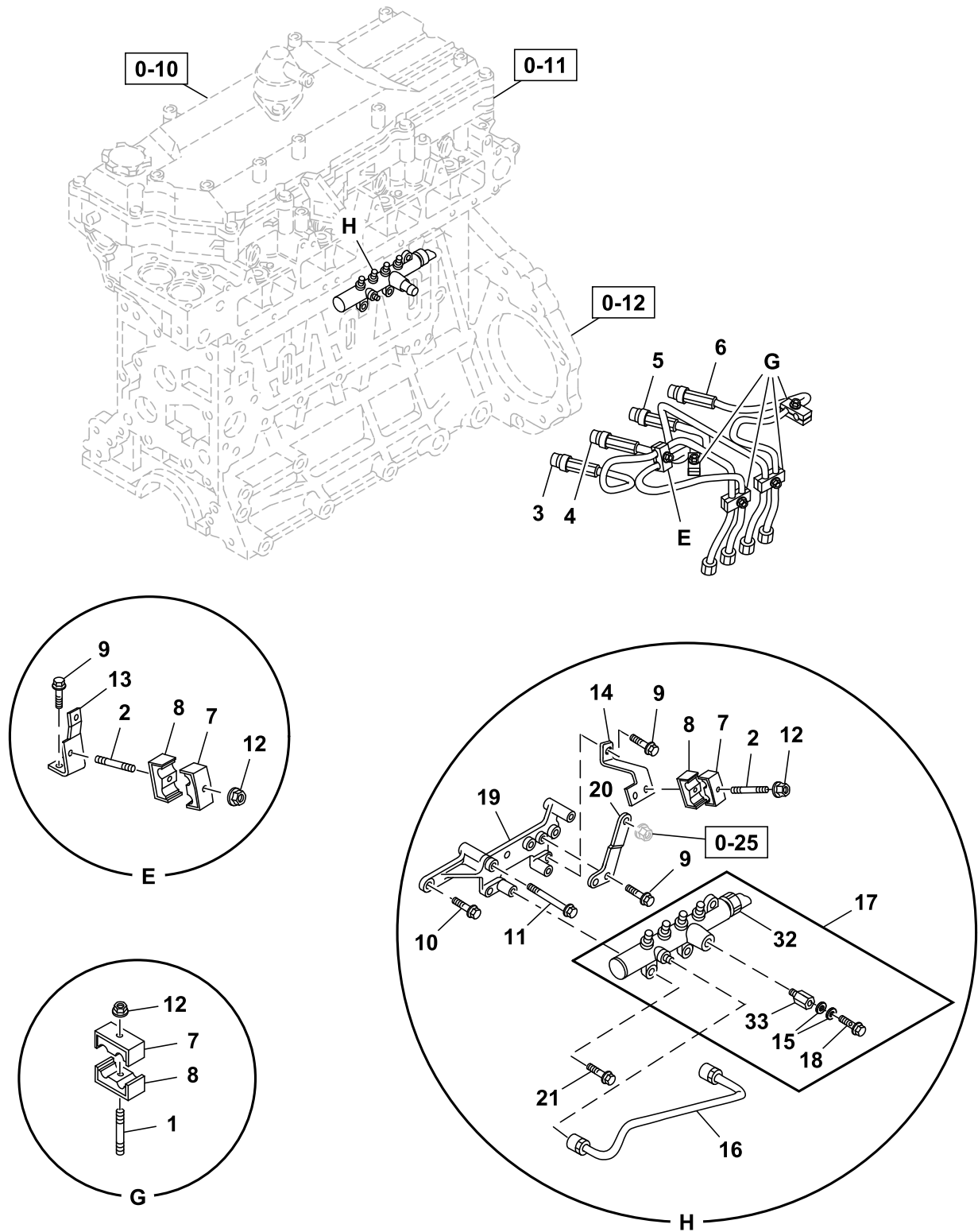
17-15,18,32,33

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
1	8980817724	Pump	1		SUB FOR 8980817723, Components On Separate Page
2	8982384631	Electronic Unit Injector	4		
3	8980659920	Gasket	4		SUB FOR 8976009250, Also Included in Gasket Set (Engine and Head)
4	8980088950	Bolt	4		SUB FOR 8943909891
5	8973060810	Line	1		
6	8980792480	Gasket	4		SUB FOR 8976014472, Also Included in Gasket Set (Engine and Head)
7	8941734120	Gasket	4		Also Included in Gasket Set (Engine and Head)
8	8982365830	Bracket	1		
9	0286508300	Bolt	3		SUB FOR 8970297050
10	8980289991	Bracket	4		
11	1096750371	Bolt	4		
12	0956901110	Gasket	1		Also Included in Gasket Set (Engine and Head)
13	0911802140	Nut	1		
14	1156195070	Gasket	2		Also Included in Gasket Set (Engine)
15	8976022180	Gasket	2		Also Included in Gasket Set (Engine)
16	8982465671	Pipe	1		
17	8982446690	Fuel Rail	1		
18	8980358280	Eyebolt	1		SUB FOR 8980430330
19	8980318440	Gasket	1		SUB FOR 1096233000, Also Included in Gasket Set (Engine)
20	8981263320	Pipe	1		
21	8982365900	Bracket	1		
22	8980450081	Bracket	1		
23	0280508160	Bolt	1		SUB FOR 0280508120
24	8982007520	Bolt	1		
25	5157590030	Eyebolt	2		
26	1156195070	Gasket	2		Inlet
27	1156195070	Gasket	2		Outlet
28	8976016981	Gear	1		
29	8970392001	Gasket	1		Also Included in Gasket Set (Engine)
30	8976022180	Gasket	2		
31	8980358280	Eyebolt	1		SUB FOR 8980430330
32	8981387360	Sensor	1		Rail Pressure
33	8981386950	Pressure Switch	1		Rail Pressure



0-40 Fuel Injection Lines

TX1172249 D.1

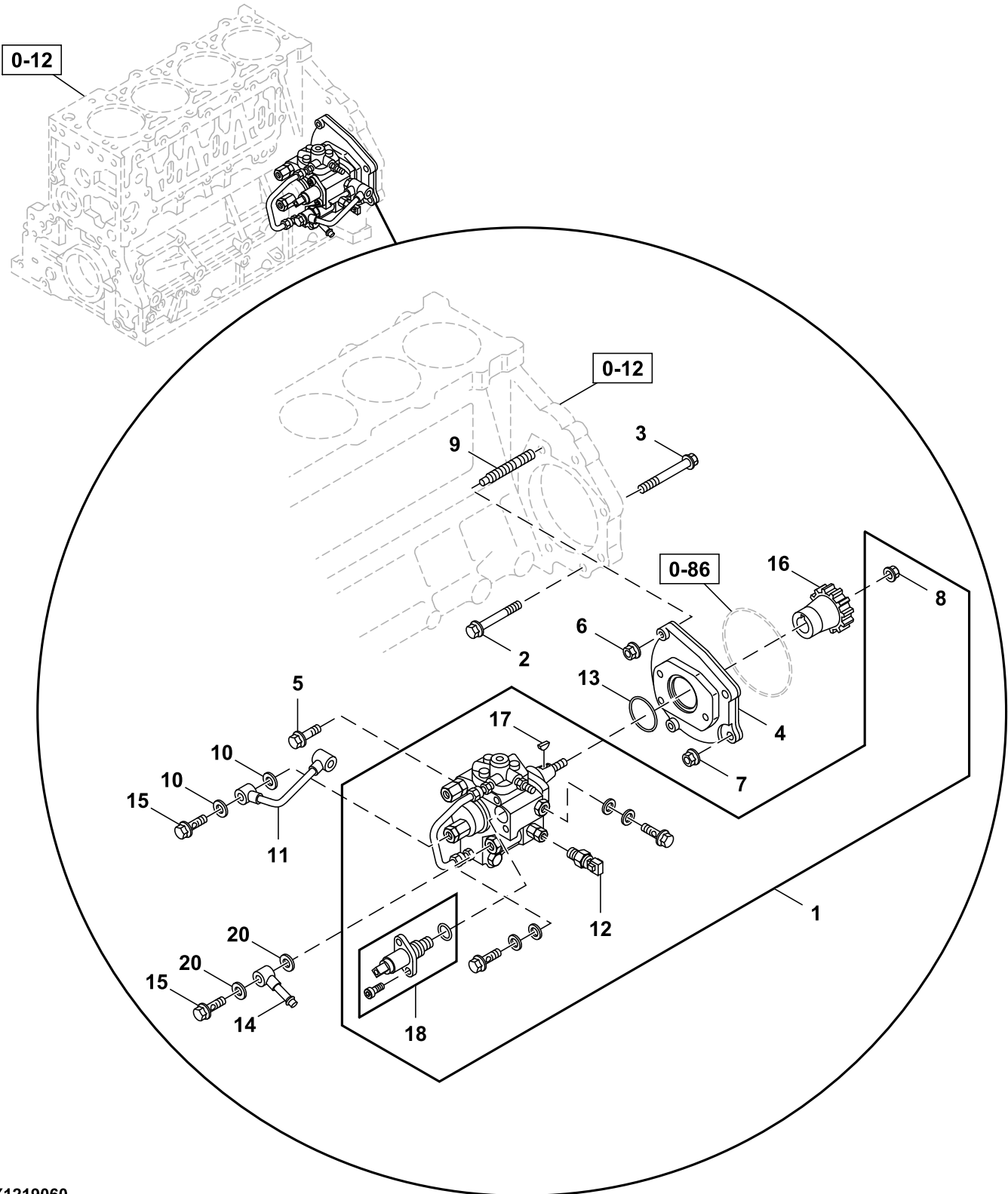


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Key	Part No.	Part Name	Qty.	Serial No.	Remarks
1	0410106300	Stud	4		
2	8972032780	Stud	2		
3	8982373500	Pipe	1		
4	8982373510	Pipe	1		
5	8982373520	Pipe	1		
6	8982373530	Pipe	1		
7	8973301183	Clip	6		SUB FOR 8973301182
8	8973301193	Clip	6		SUB FOR 8973301192
9	0280508160	Bolt	3		M8X16, SUB FOR 0280508120
10	0280508250	Bolt	1		M8X25, SUB FOR 0280808250
11	0280808600	Bolt	1		M8X60, SUB FOR 0280508600, 8941583930 AND 8941583931
12	14M7303	Flange Nut	6		M6, SUB FOR 0911801060
13	8980010410	Bracket	1		Injection Pipe
14	8982373560	Bracket	1		Fuel Pipe
15	8976022180	Gasket	2		Also Included In Gasket Kit, Engine
16	8982373540	Pipe	1		
17	8982446690	Fuel Rail	1		
18	8980358280	Eyebolt	1		M14X26, SUB FOR 8980430330
19	8982365900	Bracket	1		Fuel Rail
20	8982373480	Bracket	1		Fuel Rail
21	0280508250	Bolt	3		M8X25, SUB FOR 0280808250
32	8981387360	Sensor	1		Rail Pressure
33	8981386950	Pressure Switch	1		Rail Pressure

0-40 Fuel Injection Pump and Support

TX1219060 B.1

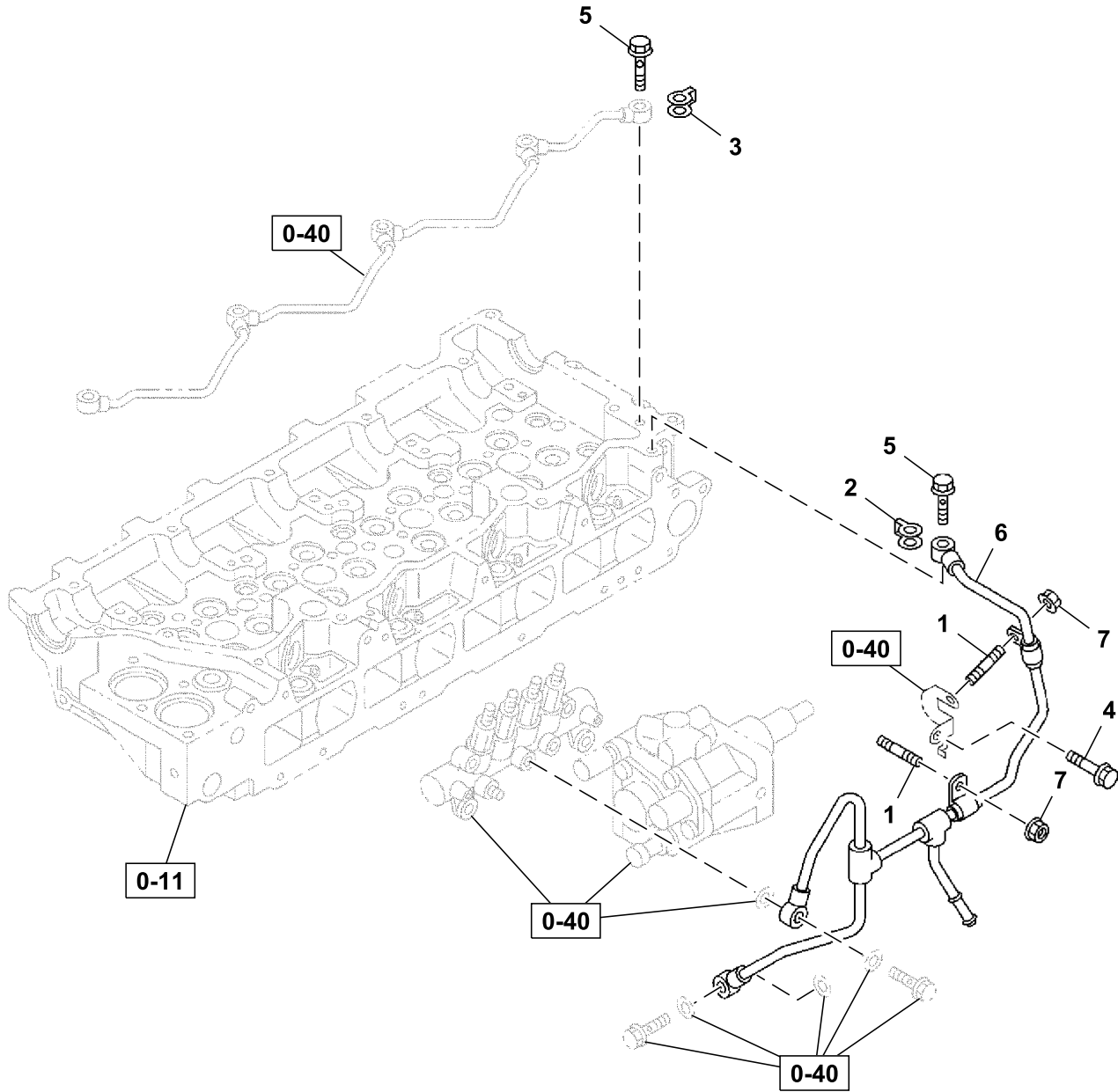


TX1219060

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
1	8980817724	Pump	1		SUB FOR 8980817723, Fuel Injection
2	0281510500	Bolt	1		M10X50
3	0281512000	Bolt	1		M12X100
4	8982365830	Bracket	1		Fuel Pump
5	0286508300	Bolt	3		M8X30, SUB FOR 8970297050
6	0911801100	Nut	2		M10
7	0911802120	Nut	1		M12
8	0911802140	Nut	1		M14
9	8973632370	Stud	2		SUB FOR 8970663861
10	1156195070	Gasket	2		Also Included In Gasket Kit, Engine
11	8982465671	Pipe	1		Fuel Feed
12	8980235810	Fuel Temperature Sensor	1		SUB FOR 8972385960
13	8980318440	Gasket	1		SUB FOR 1096233000, Also Included In Gasket Kit, Engine
14	8981263320	Pipe	1		Fuel
15	5157590030	Eyebolt	2		
16	8976016981	Gear	1		
17	8981619950	Key	1		Drive Shaft
18	8981455010	Gasket Kit	1		SUB FOR 8981455011, Supply Pump Overhaul Kit
20	8983269400	Gasket	2		

0-42 Fuel Pump Line

TX1172252 A.1



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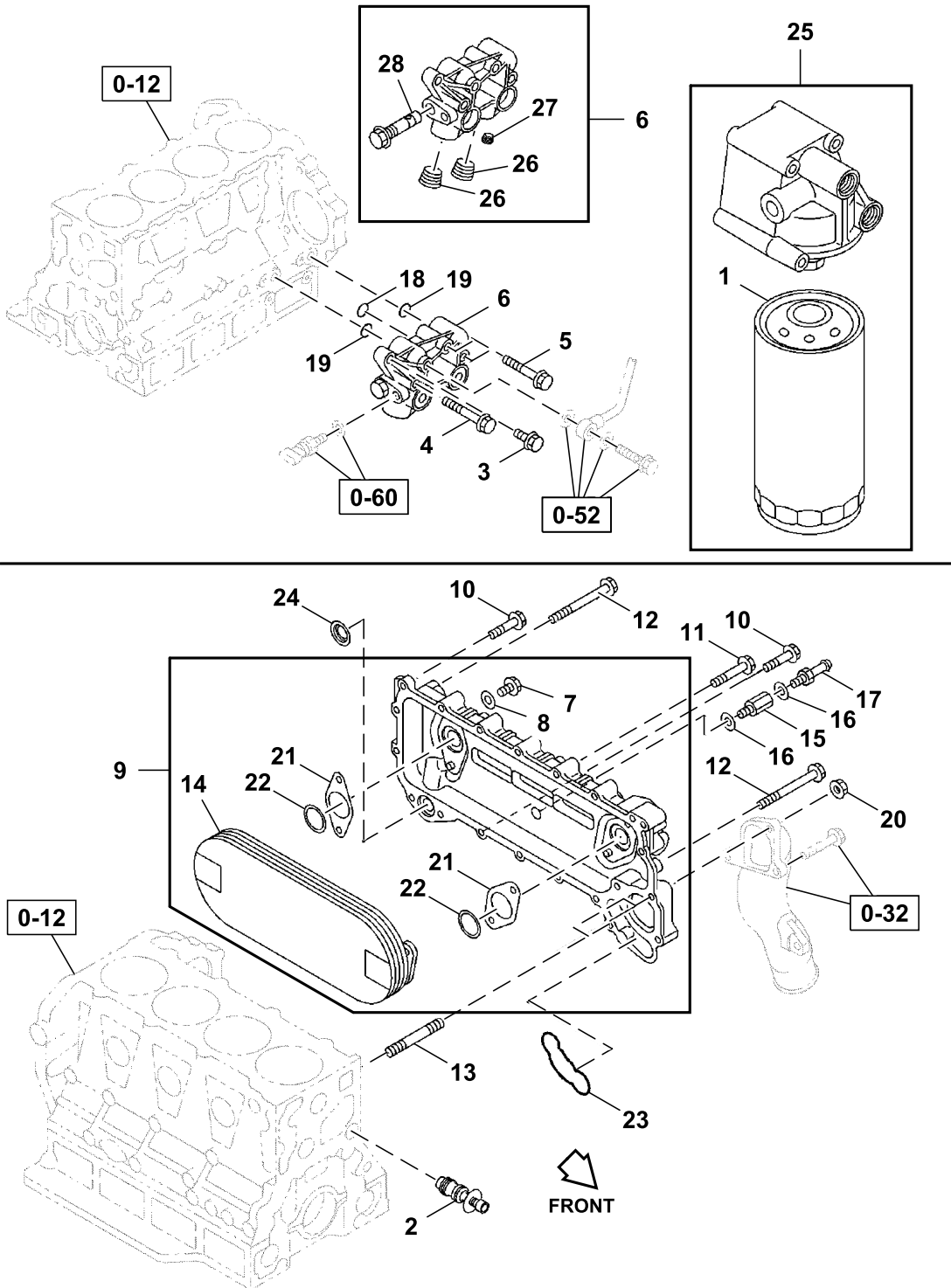
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Key	Part No.	Part Name	Qty.	Serial No.	Remarks
1	14M7303	Flange Nut	2		M6, SUB FOR 0911801060
2	8982313930	Gasket	1		Also Included in Gasket Set (Engine and Head)
3	8980797550	Gasket	1		Also Included in Gasket Set (Engine and Head)
4	0280506120	Bolt	1		SUB FOR 0280806120
5	8943967110	Bolt	2		
6	8982373550	Pipe	1		
7	0410106120	Stud	2		

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0-50 Engine Oil Cooler

TX1172389 A.1



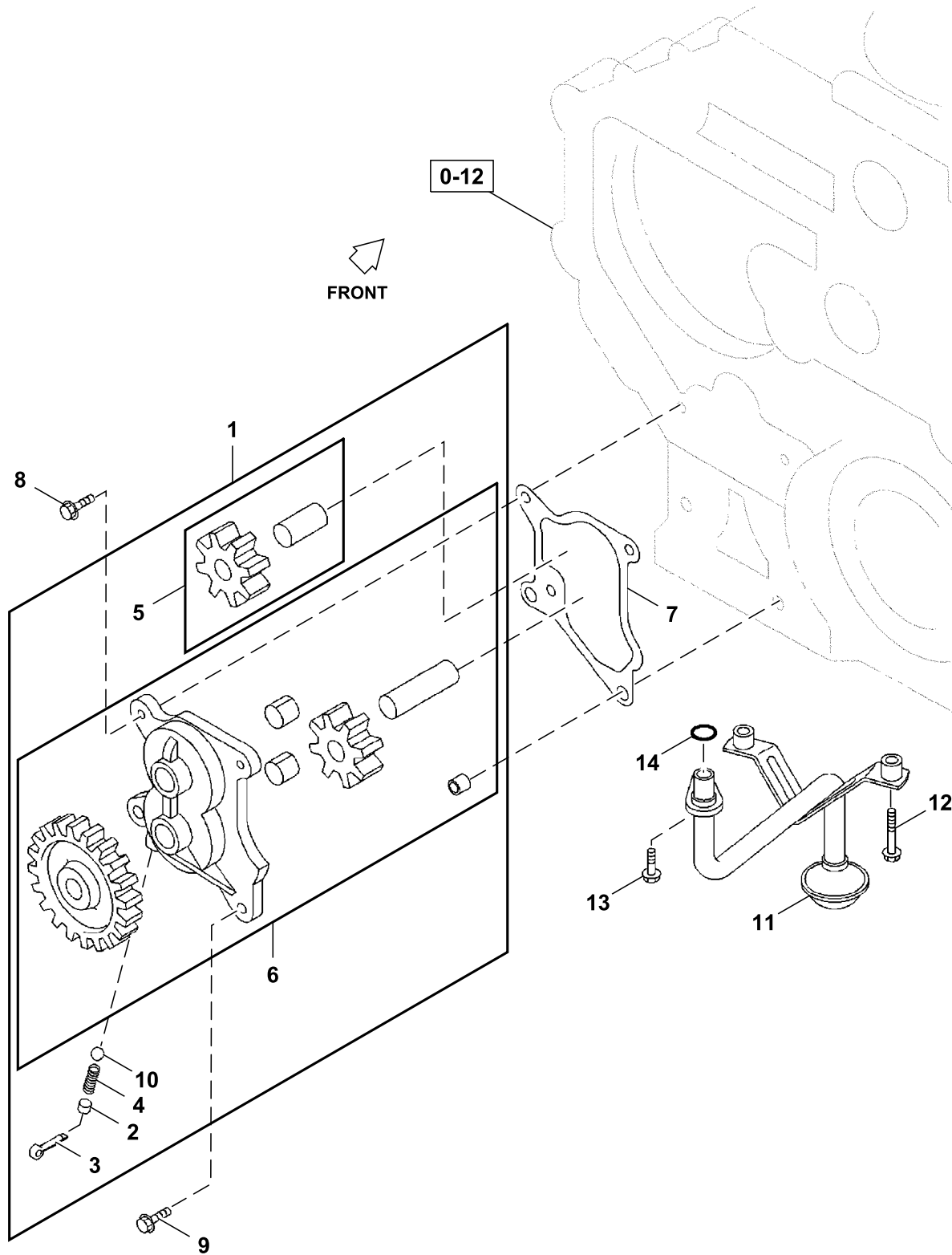
050A0151505\_TX1172389

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
1	8983758600	Filter Element	1		SUB FOR 8983020751, 8983020750R, 8983020750 AND 1132402322, Engine Oil Filter
2	8970135662	Valve	1		Bypass
3	0281510250	Bolt	1		M10X25
4	0281510000	Bolt	1		M10X100, SUB FOR 0281810000
5	0281510900	Bolt	2		M10X90
6	8981097111	Cover	1		Oil Port, SUB FOR 8981097110
7	8982704440	Bolt	4		M10X16
8	8981354640	Gasket	4		
9	8980690204	Oil Cooler	1		SUB FOR 8980690202 OR 8980690203
10	19M7866	Screw	8		M8 X 20, SUB FOR 0280508200 AND 0280808200
11	0280808400	Bolt	7		M8X40, SUB FOR 0280508400 AND AT259927
12	1090440730	Bolt	2		M8X75, SUB FOR 9029558750
13	8970163140	Stud	2		M8X52
14	8981227860	Core	1		Oil Cooler
15	8944619651	Adapter Fitting	1		Oil Cooler
16	1096301410	Gasket	2		Also Included In Gasket Kit, Engine
17	8981475390	Pipe	1		
18	8943993390	Gasket	1		SUB FOR 8943997130, Also Included In Gasket Kit, Engine
19	8943993990	Gasket	2		Also Included In Gasket Kit, Engine
20	0911801080	Nut	2		M8, SUB FOR 8940120390
21	8981227830	Gasket	2		
22	8981227840	Gasket	2		
23	8943388781	Gasket	1		Also Included In Gasket Kit, Engine
24	8980454470	Gasket	1		Also Included In Gasket Kit, Engine
25	8983758660	Oil Filter	1		SUB FOR 8983042430, 8983042431 OR 8973243861
26	1096050250	Pipe Plug	2		
27	5096050192	Pipe Plug	1		SUB FOR 1096050500, AT254812, 1096050502, 5096050190 AND 5096050191
28	1131600350	Pressure Relief Valve	1		



0-51 Engine Oil Pump And Strainer

TX1172390 A.1

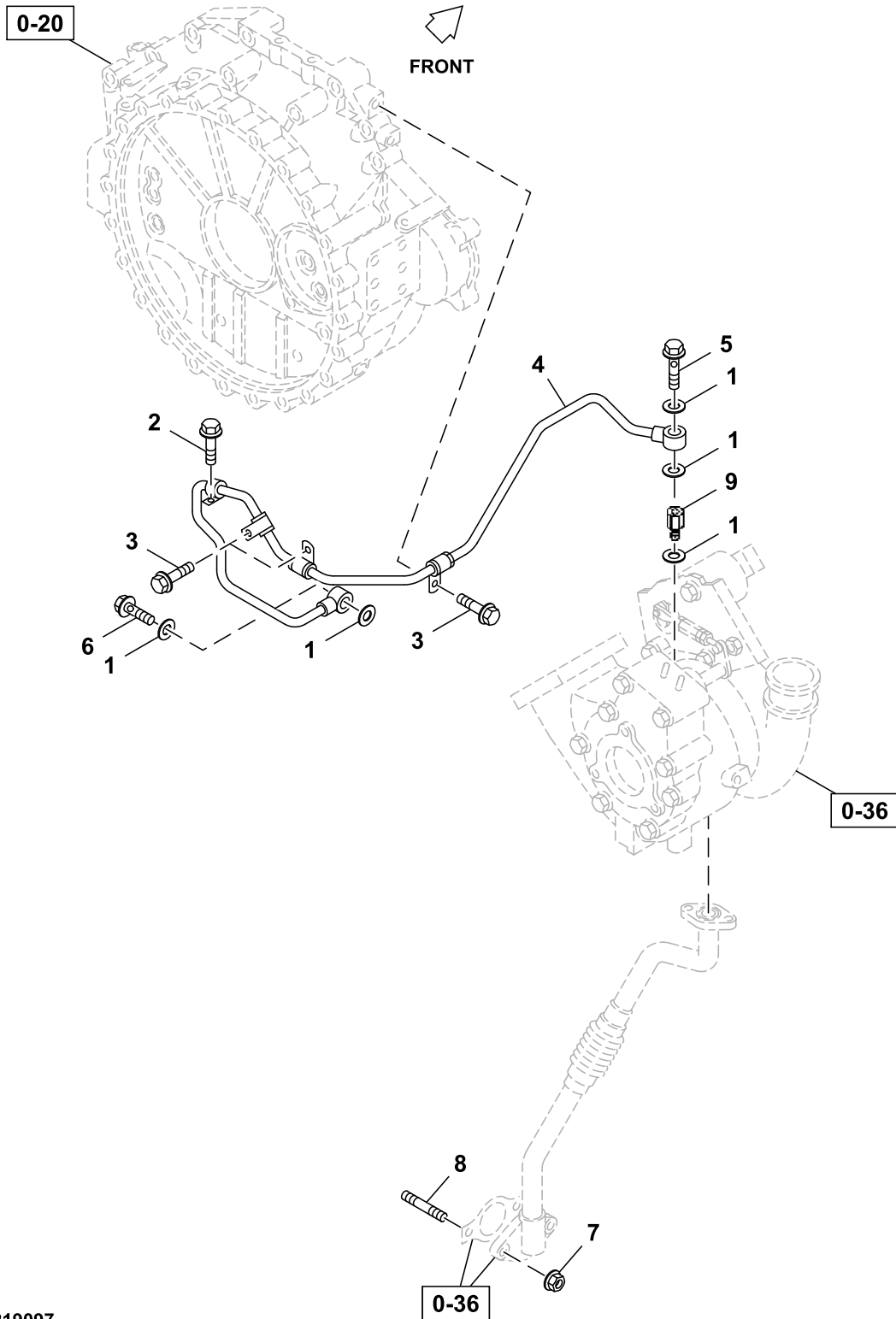


051A0151505\_TX1172390

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
1	1131003133	Oil Pump	1		SUB FOR 1131003132
2	5131650040	Plate	1		
3	0811240300	Pin	1		SUB FOR 9081040300 AND 9081140300
4	5095800980	Spring	1		
5	8943925590	Gear	1		
6	1131200902	Gear	1		SUB FOR 1131200901
7	1096236850	Gasket	1		Also Included In Gasket Kit, Engine
8	0280608250	Bolt	2		M8X25, SUB FOR 0280908250
9	0280908300	Bolt	2		M8X30, SUB FOR 0280608300
10	5098430030	Ball	1		
11	8981218760	Strainer	1		Oil Pump
12	0281510000	Bolt	2		M10X100, SUB FOR 0281810000
13	0280608160	Bolt	1		M8X16
14	8943993980	Gasket	1		SUB FOR 8971375010, Also Included In Gasket Kit, Engine

0-52 Engine Oil Vacuum Lines To Timing Gear Case and Flywheel

TX1219097 B.1



052A051505\_TX1219097

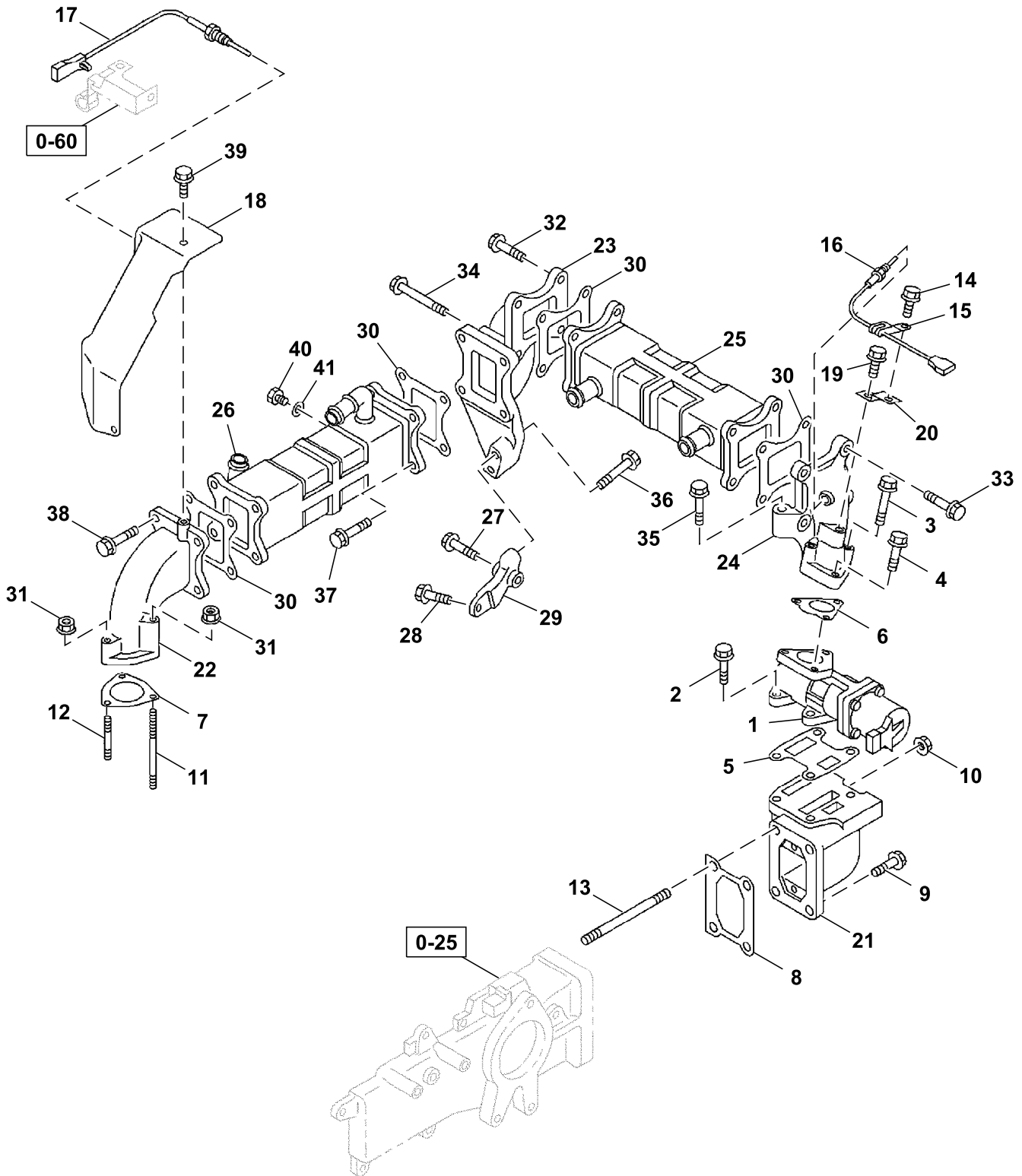
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Key	Part No.	Part Name	Qty.	Serial No.	Remarks
1	9095714100	Gasket	5		Also Included In Gasket Kit, Engine
2	0280508160	Bolt	1		SUB FOR 0280508120
3	0280908120	Bolt	3		SUB FOR 0280608120
4	8983341700	Pipe	1		
5	8944707710	Bolt	1		SUB FOR 8941077132
6	8980378230	Bolt	1		
7	0911801080	Nut	2		SUB FOR 8940120390
8	0410108200	Stud	2		SUB FOR 9041108200
9	8983341710	Adapter	1		

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0-57 Exhaust Gas Recirculation (EGR)

TX1172392 A.1

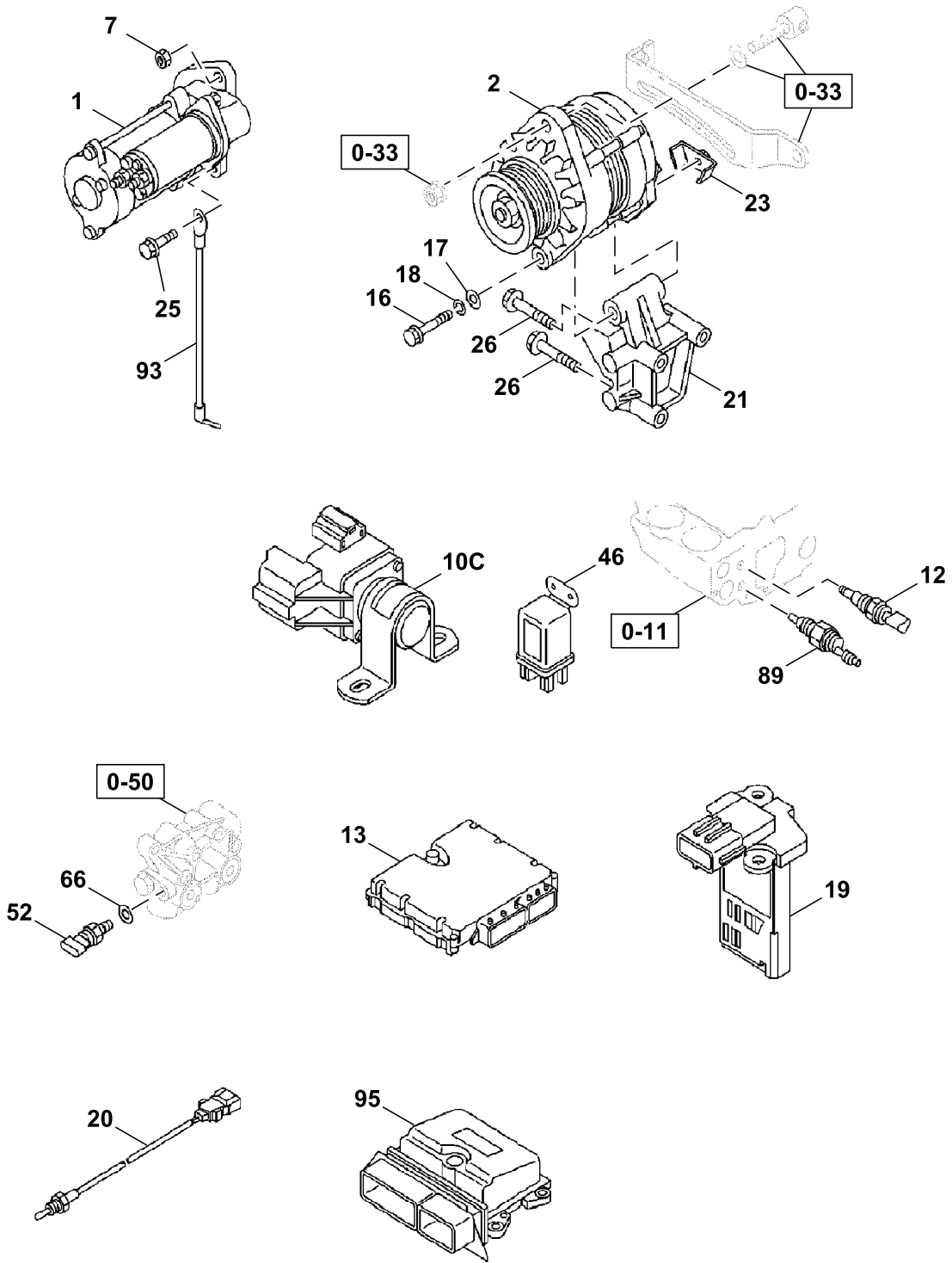


057A0151505\_TX1172392

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
1	8982391292	Valve	1		SUB FOR 8982391290, Exhaust Gas Recirculation (EGR)
2	0280508250	Bolt	4		SUB FOR 0280808250
3	0280808600	Bolt	2		SUB FOR 0280508600, 8941583930 AND 8941583931
4	0280808350	Bolt	1		SUB FOR 0280508350
5	8980010240	Gasket	1		Also Included in Gasket Set (Engine)
6	8980010230	Gasket	1		Also Included in Gasket Set (Engine)
7	8980461921	Gasket	1		SUB FOR 8980461920, Also Included in Gasket Set (Engine)
8	8973745170	Gasket	1		Also Included in Gasket Set (Engine)
9	0281810300	Bolt	2		SUB FOR 0281510300 AND 0281210300
10	0911801100	Nut	2		
11	8941558690	Stud	1		
12	8973780670	Stud	2		SUB FOR 8971045071
13	1093021590	Stud	2		SUB FOR 1093021070
14	0280508160	Bolt	1		SUB FOR 0280508120
15	8973679851	Clip	1		SUB FOR 8973679850
16	8980283980	Sensor	1		Temperature
17	8980309550	Sensor	1		Temperature
18	8982373460	Shield	1		
19	0286508200	Bolt	1		SUB FOR FYA00000690
20	8982373600	Bracket	1		
21	8981217690	Air Duct	1		SUB FOR 8980010220
22	8982365740	Tube	1		
23	8981232511	Air Duct	1		
24	8982365750	Tube	1		
25	8981078574	Heat Exchanger	1		SUB FOR 8981078573
26	8981222262	Heat Exchanger	1		SUB FOR 8981222261
27	0281512600	Bolt	1		SUB FOR 0281812600
28	0286608250	Bolt	1		SUB FOR 0286908250
29	8981727350	Bracket	1		
30	8982007530	Gasket	4		Also Included in Gasket Set (Engine)
31	14M7298	Flange Nut	3		M8, SUB FOR 8970614011
32	0280508300	Bolt	2		
33	0280808350	Bolt	4		SUB FOR 0280508350
34	0280508900	Bolt	2		SUB FOR 0280808900
35	0281510500	Bolt	1		
36	0281510700	Bolt	2		
37	0583308300	Bolt	4		
38	8980435280	Bolt	4		
39	8973780750	Bolt	4		SUB FOR 8943126991
40	8980727120	Plug	1		
41	9095714100	Gasket	1		Also Included in Gasket Set (Engine)

0-60 Engine Electrical Control Parts

TX1219123 A.1



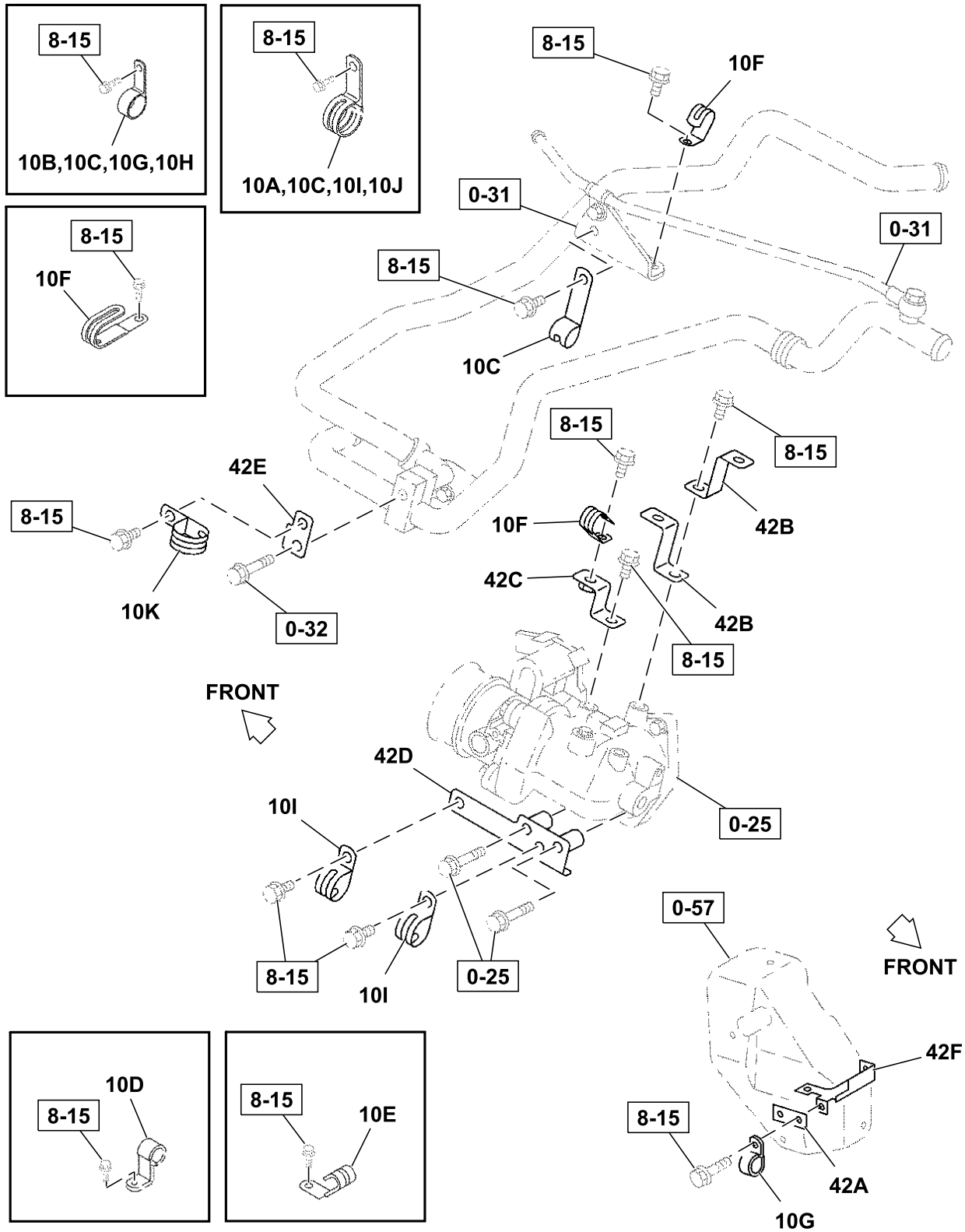
060A0151505\_TX1219123

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
1	8980703211	Starter Motor	1		Starter
2	8980921162	Alternator	1		SUB FOR 8980921161, Alternator
7	0911802120	Nut	2		
10C	8980056311	Relay	1		Starter
12	8981566480	Sensor	1		Glow Plug
13	8983257960	Engine Controller	1		Engine Control Unit (ECU)
16	1090001331	Bolt	1		
17	0916105140	Washer	1		
18	0915105140	Washer	1		
19	4664861	Sensor	1		SUB FOR 8976019670, Mass Air Flow (MAF)
20	8973811820	Sensor	1		Intake Air Temperature
21	8973628441	Bracket	1		
23	1197110290	Nut	1		
25	0280610200	Bolt	1		
26	0281510800	Bolt	3		
46	8944607061	Relay	1		Glow Plug
52	8980274560	Sensor	1		Pressure
66	8982513450	Packing	1		
89	4371318	Switch	1		SUB FOR 8971256011, Overheating Warning
93	9829322110	Cable	1		Starter
95	8983258091	Engine Controller	1		SUB FOR 8983258090 AND FYA00046943, Diesel Exhaust Fluid (DEF) Dosing Control Unit (DCU)



0-60 Engine Electrical Control Parts, Hardware

TX1219124 A.1

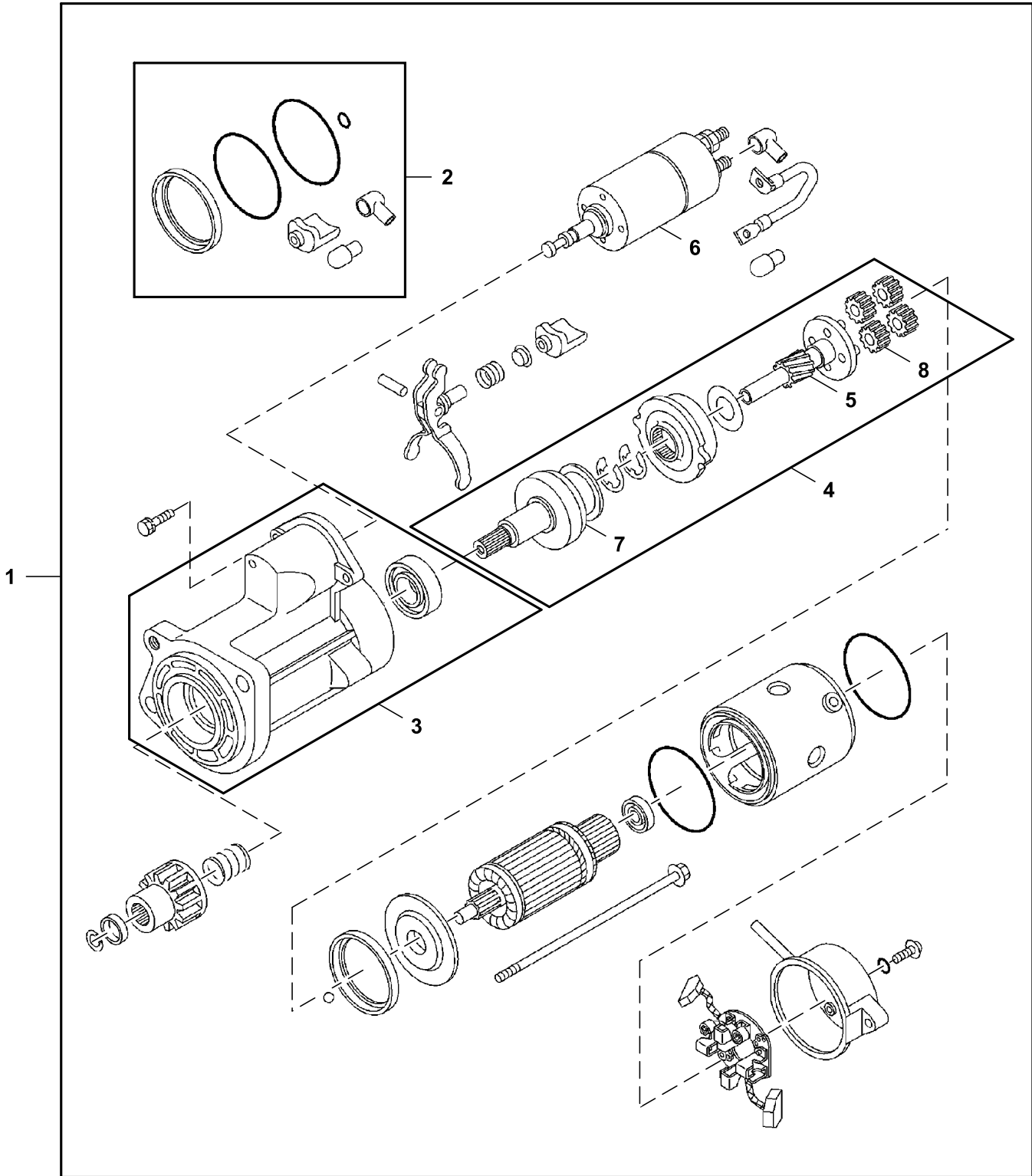


060A0251505\_TX1219124

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
10A	1097006071	Clip	1		(ID=28 L=30)
10B	0952348950	Clip	1		(ID=9 L=60)
10C	0952358960	Clip	1		(ID=19 L=60)
10D	1097009911	Clip	1		(ID=21 L=30 H=40)
10E	8973679841	Clip	4		(ID=12)
10F	8973679851	Clip	2		(ID=18 L=44)
10G	0952355360	Clip	1		(ID=16 L=20)
10H	0952358560	Clip	3		(ID=19 L=28)
10I	1097012360	Clip	2		(ID=26 L=26)
10J	1097007661	Clip	1		(ID=24 L=32)
10K	1097012610	Clip	1		(ID=28 L=40)
10L	8976155680	Clip	1		(ID=35 H=45 L=33)
42A	1826992390	Bracket	1		
42B	1474766580	Bracket	3		
42C	1474781130	Bracket	1		
42D	8982373590	Bracket	1		
42E	8982373600	Bracket	1		
42F	8982390810	Bracket	1		

0-65 Starter Components

TX1172396 A.1



065A0151505\_TX1172396

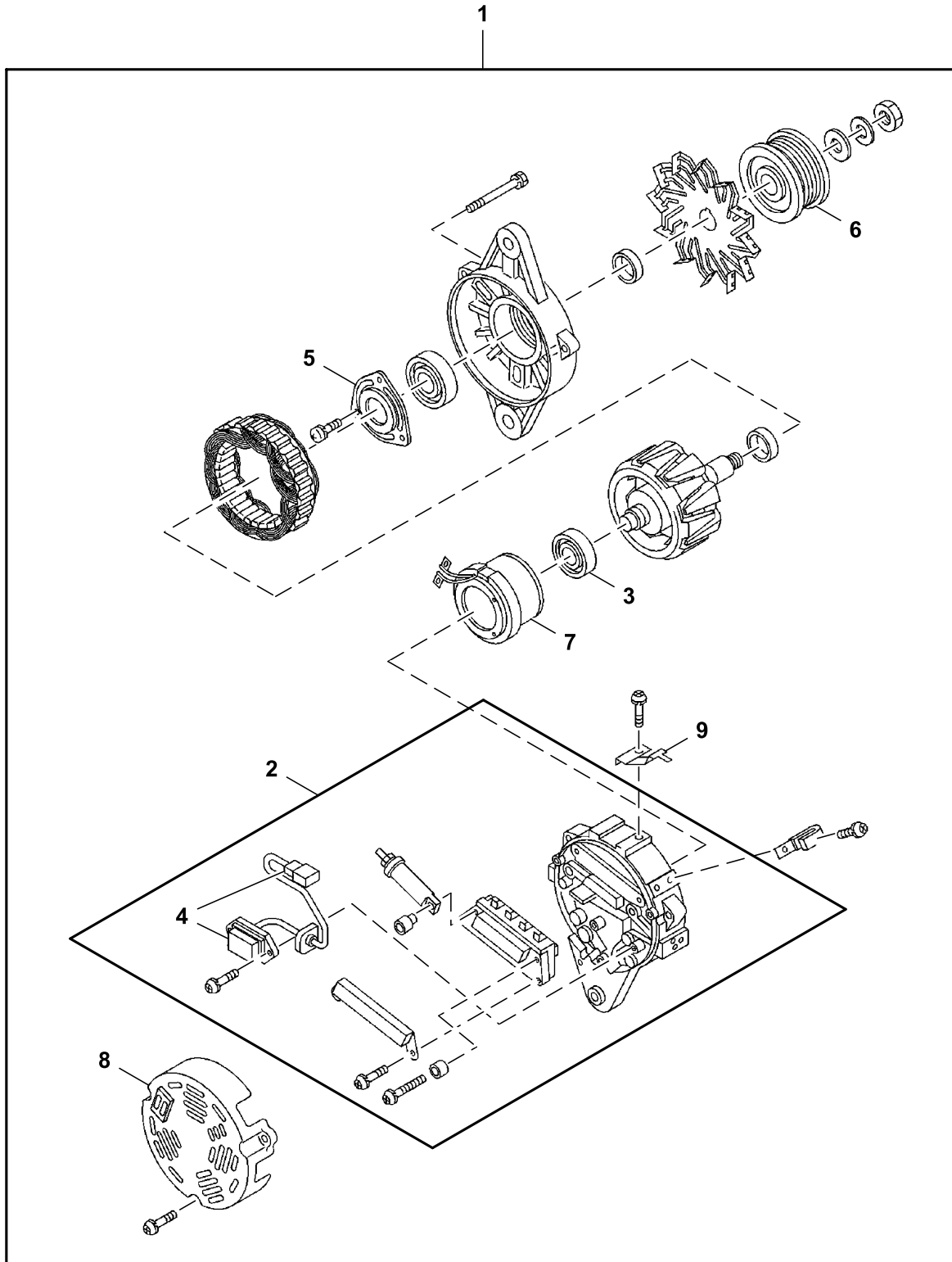
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Key	Part No.	Part Name	Qty.	Serial No.	Remarks
1	8980703211	Starter Motor	1		24 V ? 5.0 KW
2	8980171480	Seal Kit	1		Starter
3	8980739300	Housing	1		
4	8980703240	Clutch	1		
5	8980703260	Shaft	1		
6	8980171450	Solenoid	1		Engage Starter
7	8980703250	Clutch	1		
8	8980540640	Gear	4		

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0-66 Alternator Components

TX1172397 A.1



066A0151505\_TX1172397

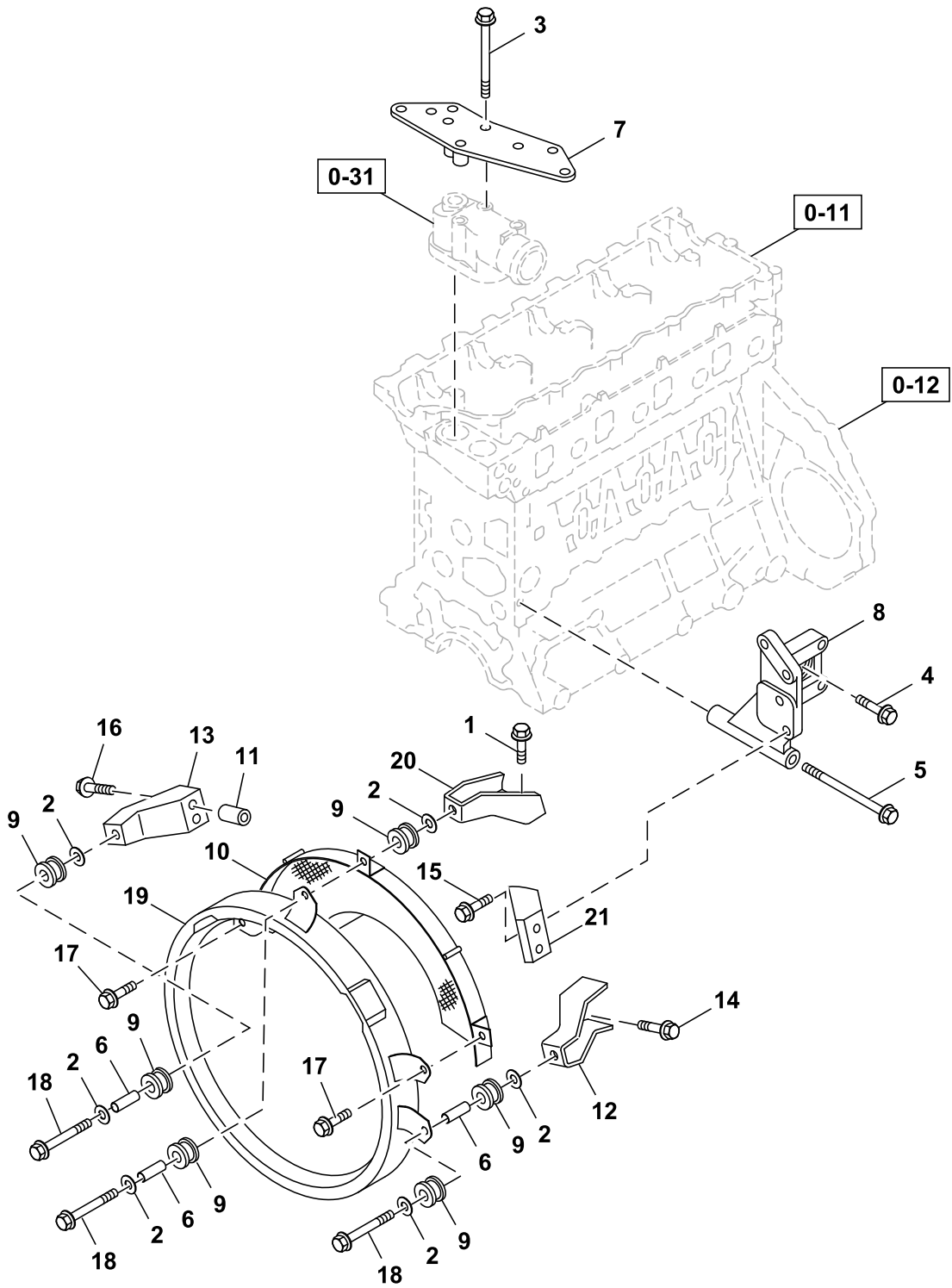
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Key	Part No.	Part Name	Qty.	Serial No.	Remarks
1	8980921162	Alternator	1		24 V ? 50 A; SUB FOR 8980921161
2	8981318050	Cover	1		
3	1812297230	Bearing	1		
4	8980923990	Regulator	1		Voltage
5	1812297601	Retainer	1		SUB FOR 8973829730
6	8973828730	Pulley	1		
7	8980362950	Coil Kit	1		
8	8973828821	Cover	1		
9	8970290590	Holder	1		

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1-10 Fan Shroud

TX1190160 B.1



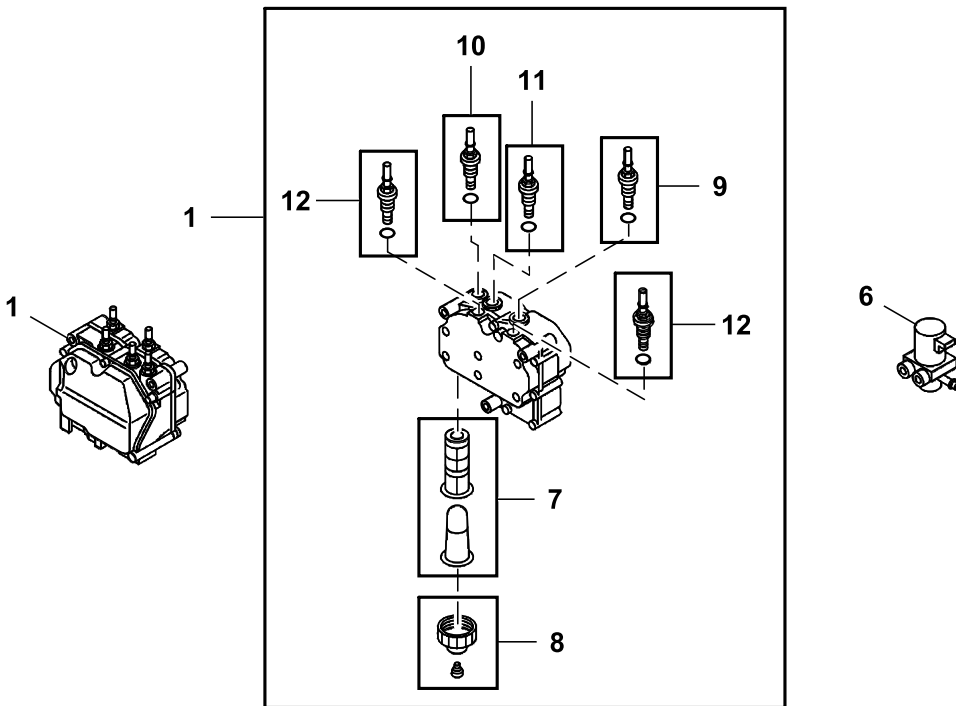
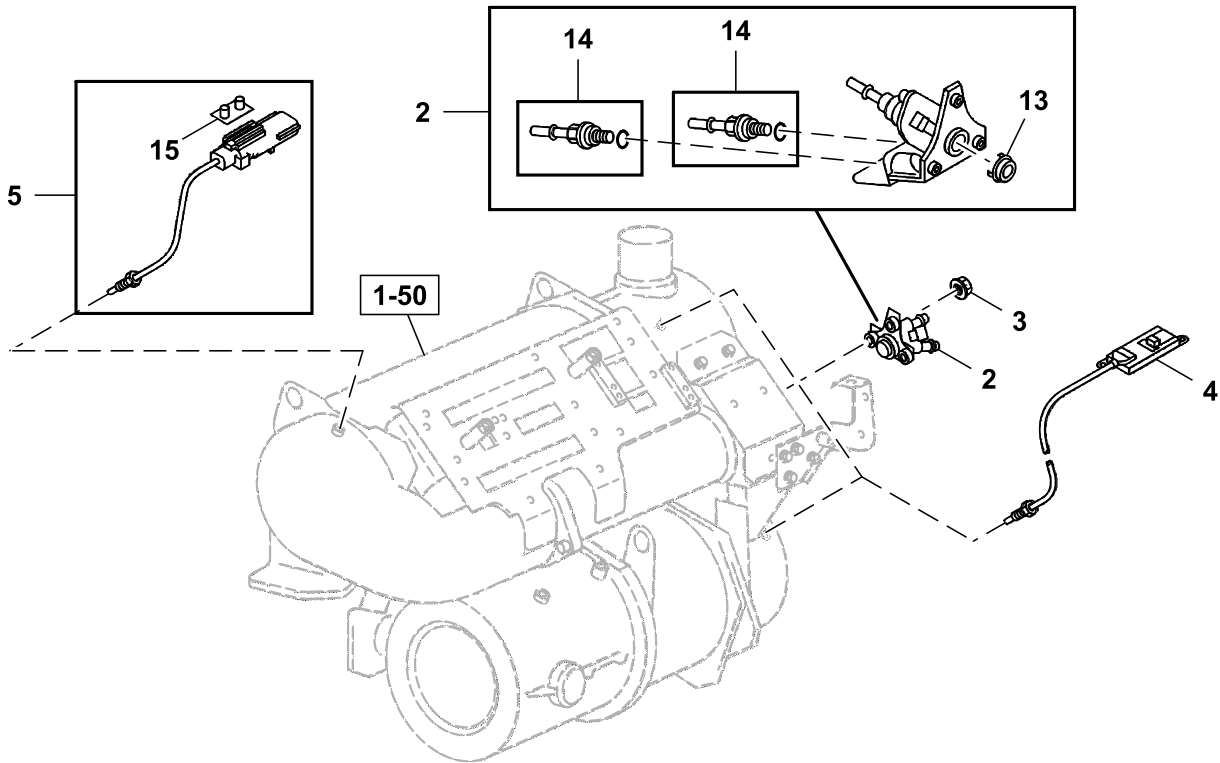
110A0351505\_TX1190160

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
1	0286510250	Bolt	2		M10X25
2	0916147100	Washer	6		
3	0280558110	Bolt	4		M8X110
4	0280508600	Bolt	1		M8X60
5	0281560130	Bolt	1		M10X130
6	8982266410	Spacer	3		
7	8983578410	Bracket	1		SUB FOR 8973716540
8	8981744730	Bracket	1		
9	8981821551	Guide	6		
10	8980120093	Shield	1		Fan
11	9512496040	Spacer	2		OD=19
12	8981744720	Bracket	1		
13	8973759110	Bracket	1		
14	0280510200	Bolt	2		M10X20
15	0286510200	Bolt	2		M10X20
16	0280510350	Bolt	2		M10X35
17	0280510200	Bolt	2		M10X20
18	0280510500	Bolt	3		M10X50
19	8982024750	Shroud	1		Fan
20	8981744720	Bracket	1		
21	1215594510	Bracket	1		



1-46 Diesel Exhaust Fluid (DEF) Supply Module and Dosing Injector

TX1172399 B.1

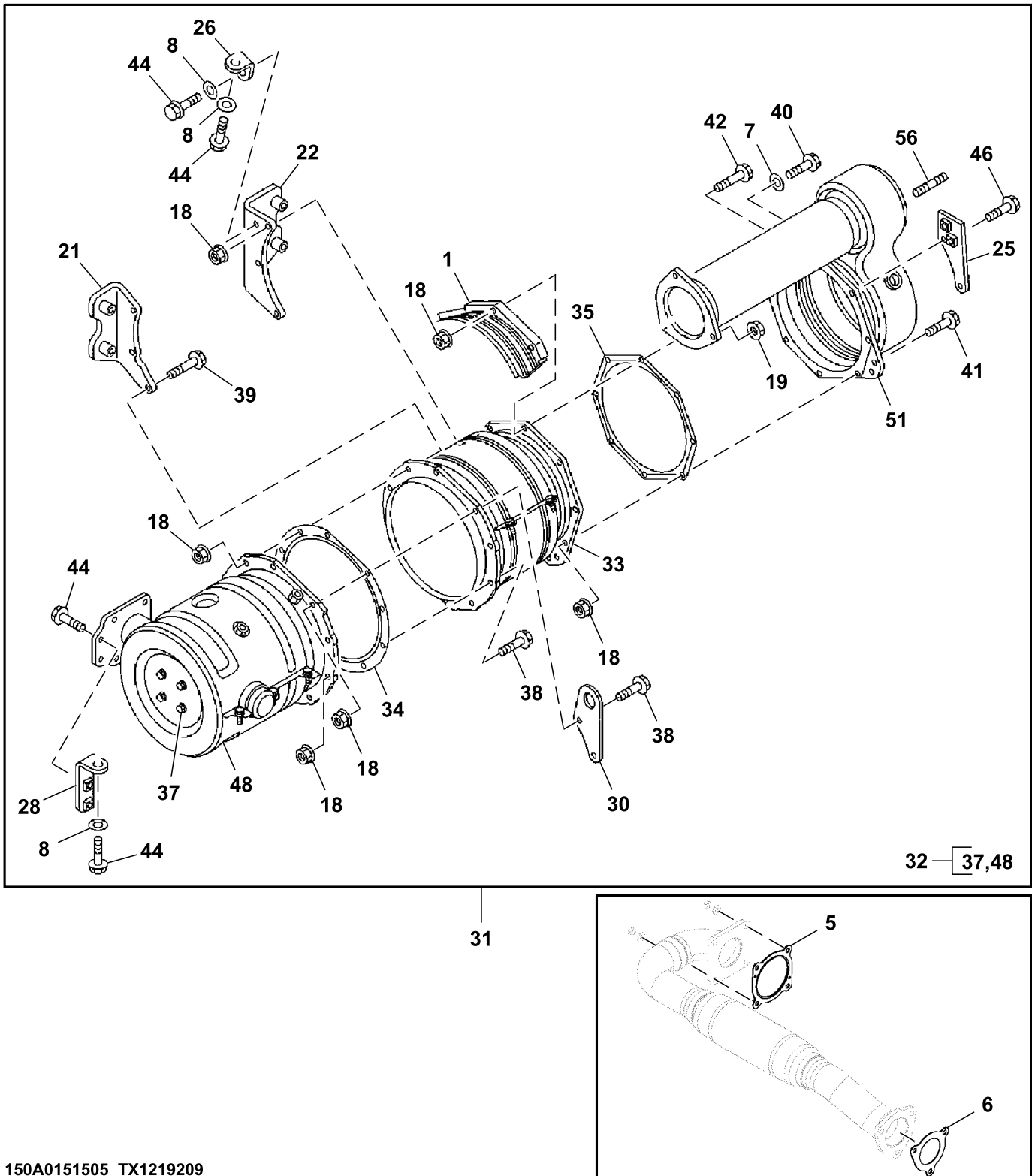


146A0151505\_TX1172399

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
1	8982264732	Module	1		SUB FOR 8982264731, Diesel Exhaust Fluid (DEF) Supply Module
2	8982318982	Module	1		Diesel Exhaust Fluid (DEF) Dosing Injector, SUB FOR 8982318980 AND 8982318981
3	14M7303	Flange Nut	3		M6, SUB FOR 0911801060
4	8983023940	Sensor	2		Nitrogen Oxide (NOx)
5	8980863290	Sensor	1		Exhaust Temperature Sensor, Diesel Oxidation Catalyst (DOC)
6	8976289561	Valve	1		Diesel Exhaust Fluid (DEF) Heating Valve
7	8983507160	Filter Kit	1		SUB FOR 8981694030
8	8981694080	Cover Kit	1		
9	8981694090	Fitting	1		Inlet Pump
10	8981694110	Fitting	1		Outlet Pump
11	8982688130	Fitting	1		SUB FOR 8981694120, Return Pump
12	8981694141	Fitting	2		Coolant Pump
13	8980863330	Gasket	1		
14	8981694161	Fitting	2		
15	8981703310	Clip	1		

1-50 Diesel Oxidation Catalyst (DOC) and Muffler

TX1219209 B.1

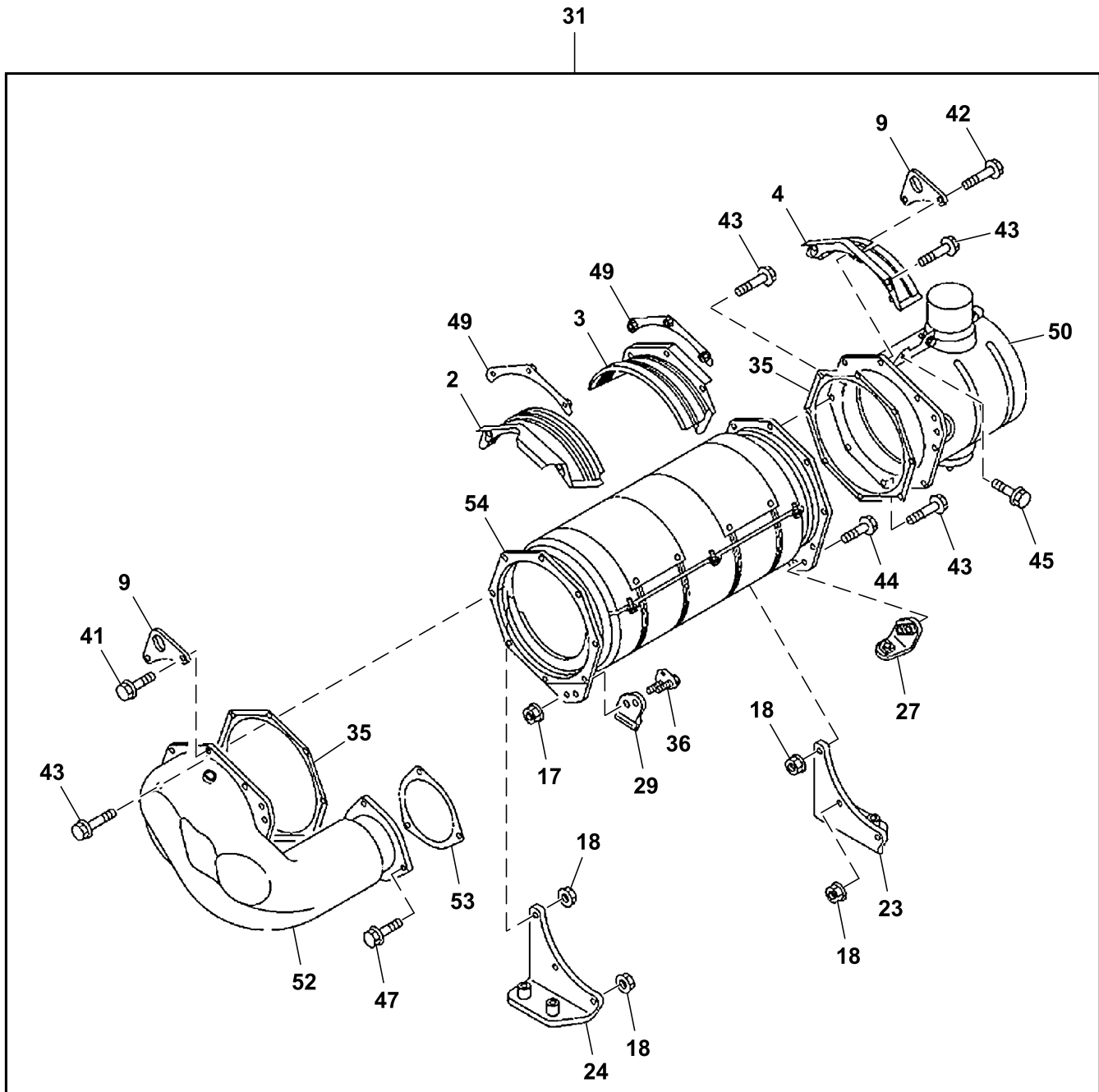


150A0151505\_TX1219209

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
1	8982683430	Shield	1		
5	8943925532	Gasket	1		Exhaust Pipe To Manifold
6	4664929	Gasket	1		SUB FOR 8973767580, Exhaust Pipe To Manifold
7	24M3739	Washer	1		8 X 15 X 2 mm, SUB FOR 0916146080
8	0916147100	Washer	3		
18	14M7298	Flange Nut	6		M8, SUB FOR 8970614011
19	8970961921	Nut	3		M10
21	8982373630	Bracket	1		
22	8982373650	Bracket	1		
25	8982373890	Bracket	1		
26	8982377310	Bracket	1		
28	8982377330	Bracket	1		
30	8982378250	Bracket	1		
31	.....	Converter	1		8983244460 AND FYA00046935 NLA, Furnish Components, Additional Components On Separate Pages DOC
32	8982705480	Diesel Oxidation Catalyst	1		
33	8982389240	Filter	1		
34	8976110800	Gasket	1		
35	8976282570	Gasket	1		
37	0280506120	Bolt	4		M6X12
38	0280608350	Bolt	2		M8X35
39	0280608450	Bolt	1		M8X45
40	0109608350	Bolt	1		M8X35
41	0280608400	Bolt	1		M8X40
42	0280608450	Bolt	3		M8X45
44	0280610350	Bolt	5		M10X35
46	0280608350	Bolt	1		M8X35
48	8981525131	Shield	1		
51	8982705440	Muffler	1		
56	8981413510	Stud	3		

1-50 Selective Catalytic Reduction (SCR)

TX1219226 A.1

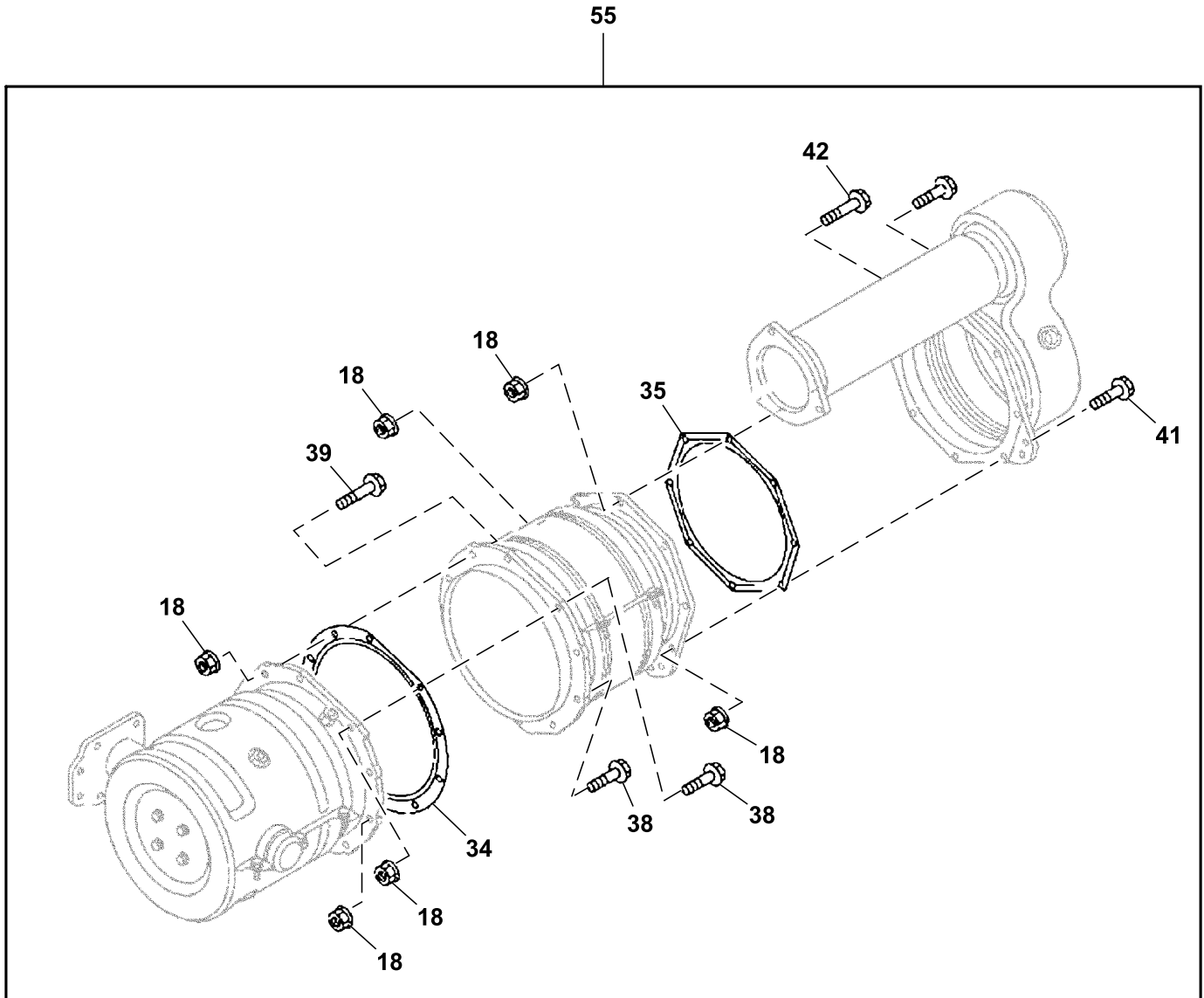


150A0251505\_TX1219226

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
2	8982683440	Shield	1		
3	8982683450	Shield	1		
4	8982683460	Shield	1		
9	8982705810	Hanger	2		
17	0911802100	Nut	2		
18	14M7298	Flange Nut	10		M8, SUB FOR 8970614011
23	8982373660	Bracket	1		
24	8982373670	Bracket	1		
27	8982377320	Bracket	1		
29	8982377350	Bracket	1		
31	.....	Converter	1		8983244460 AND FYA00046935 NLA, Furnish Components, Additional Components On Separate Pages
36	8980059850	Plate	1		
42	0280608450	Bolt	2		
43	0280608500	Bolt	4		
44	0280610350	Bolt	3		
45	8980191790	Bolt	1		
47	0280610400	Bolt	3		
49	8982683470	Plate	2		
50	8983244480	Muffler	1		
52	8982705450	Muffler	1		
53	8981184221	Gasket	1		
54	8982705500	Catalytic Muffler	1		

1-50 Exhaust System Hardware

TX1219227 C.1



150A0151505\_TX1219227

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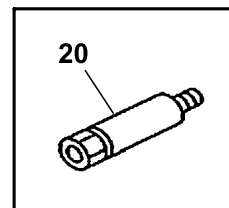
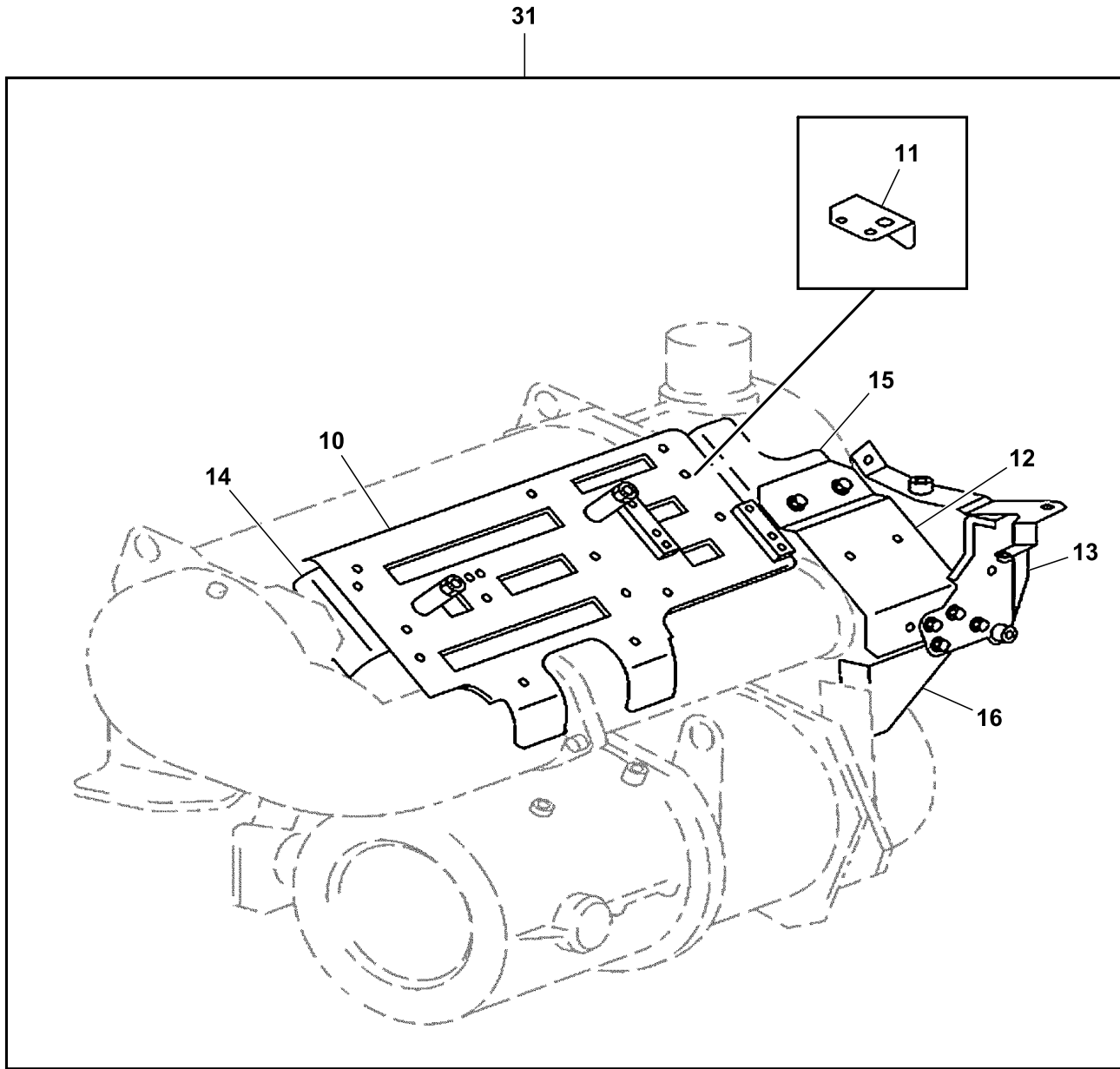
<i>Key</i>	<i>Part No.</i>	<i>Part Name</i>	<i>Qty.</i>	<i>Serial No.</i>	<i>Remarks</i>
18	14M7298	Flange Nut	8		
34	8976110800	Gasket	1		M8, SUB FOR 8970614011
35	8976282570	Gasket	3		
38	0280608350	Bolt	4		
39	0280608450	Bolt	3		
41	0280608400	Bolt	5		
42	0280608450	Bolt	3		
55	1878315461	Gasket	1		SUB FOR 1878315460

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1-50 Exhaust System Bracket

TX1219228 A.1

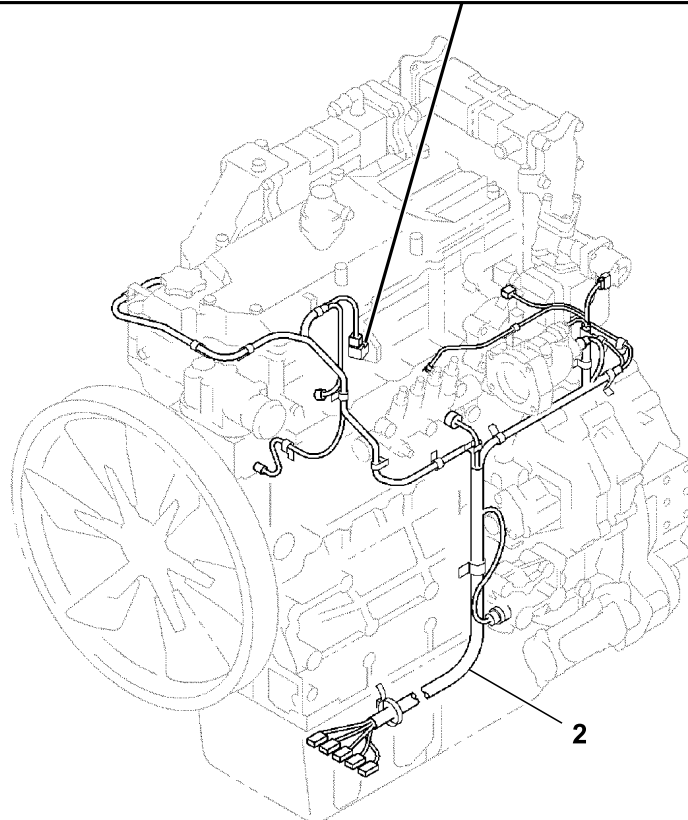
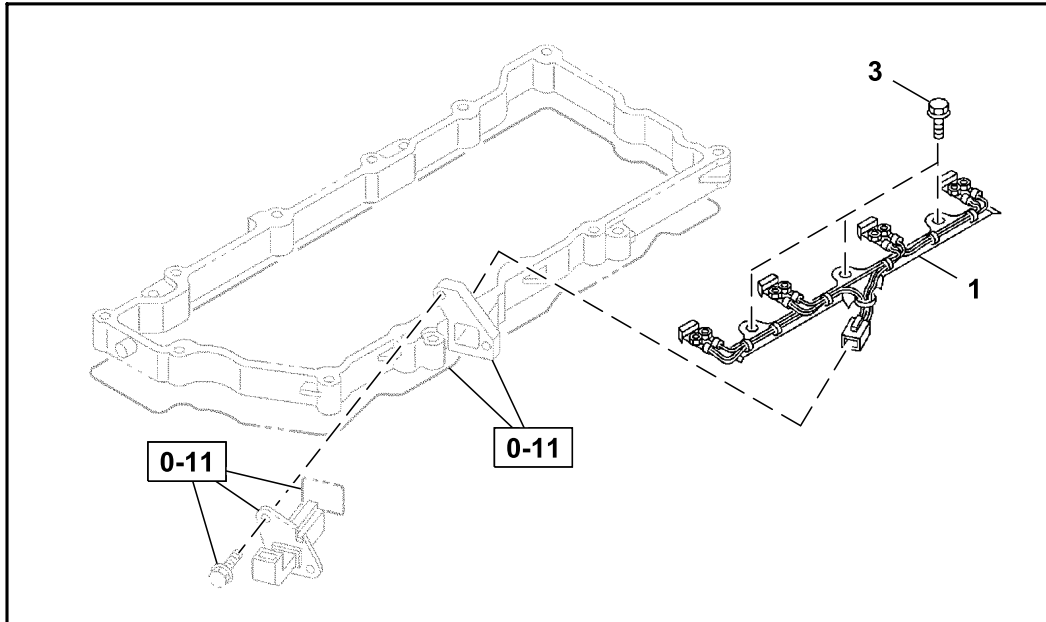


150A0351505\_TX1219228

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
10	8983338791	Bracket	1		
11	8983338780	Bracket	1		
12	8983338910	Bracket	1		
13	8982824391	Bracket	1		
14	8983338770	Bracket	1		
15	8983338920	Bracket	1		
16	8982373882	Bracket	1		
20	8983055680	Spacer	2		
31	.....	Converter	1		8983244460 AND FYA00046935 NLA, Furnish Components, Additional Components On Separate Pages

8-10 Engine Wiring Harness

TX1172403 A.1



810A0151505\_TX1172403

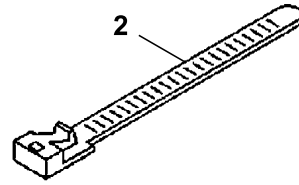
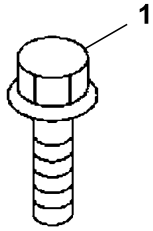
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Key	Part No.	Part Name	Qty.	Serial No.	Remarks
1	8973321333	Wiring Harness	1		Injector
2	8983718270	Wiring Harness	1		SUB FOR 8982373583, Engine Wiring Harness
3	8973654490	Bolt	3		SUB FOR 8943998631

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8-15 Engine Wiring Harness Mounting Hardware

TX1172404 A.1

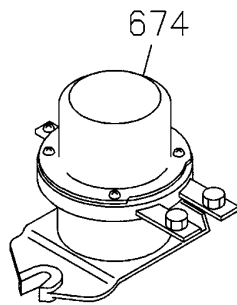


815A0151505\_TX1172404

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
1	0280508120	Bolt	6		M8X12
	0280508160	Bolt	9		M8X16
	19M7866	Screw	3		M8 X 20, , SUB FOR 0280508200 AND 0280808200
2	0281510160	Bolt	1		M10X16, SUB FOR 0281810160
	R44302	Tie Band	5		L=140, SUB FOR 5097070311
	H77698	Tie Band	3		L=250, SUB FOR 5097070301

**8-25 Battery Relay**

825A0151274 A.1



825A0151274

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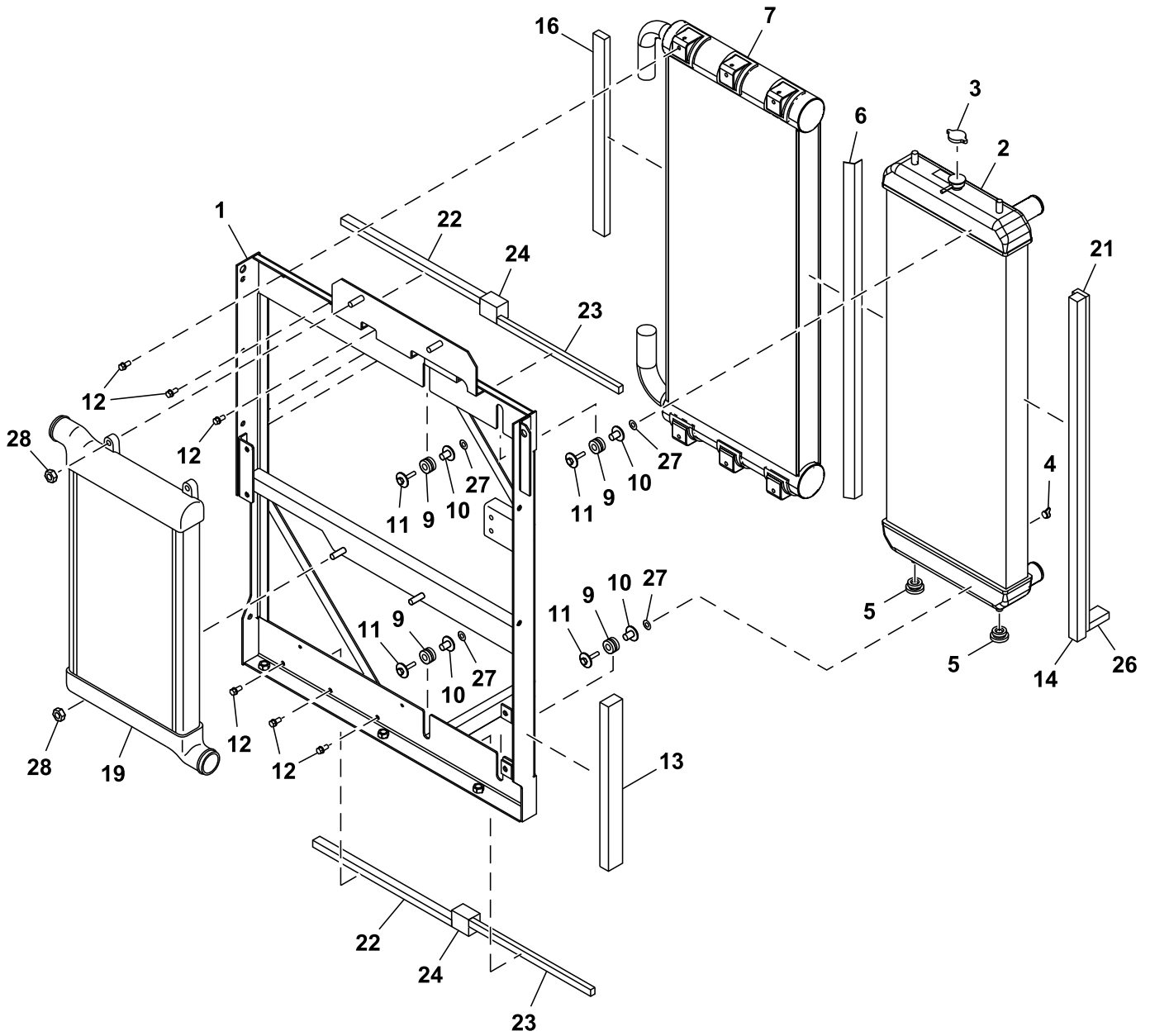
<i>Key</i>	<i>Part No.</i>	<i>Part Name</i>	<i>Qty.</i>	<i>Serial No.</i>	<i>Remarks</i>
674	4255762	Relay	1		SUB FOR 8943795431, Battery

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Cooling Package

TX1210685 A.1

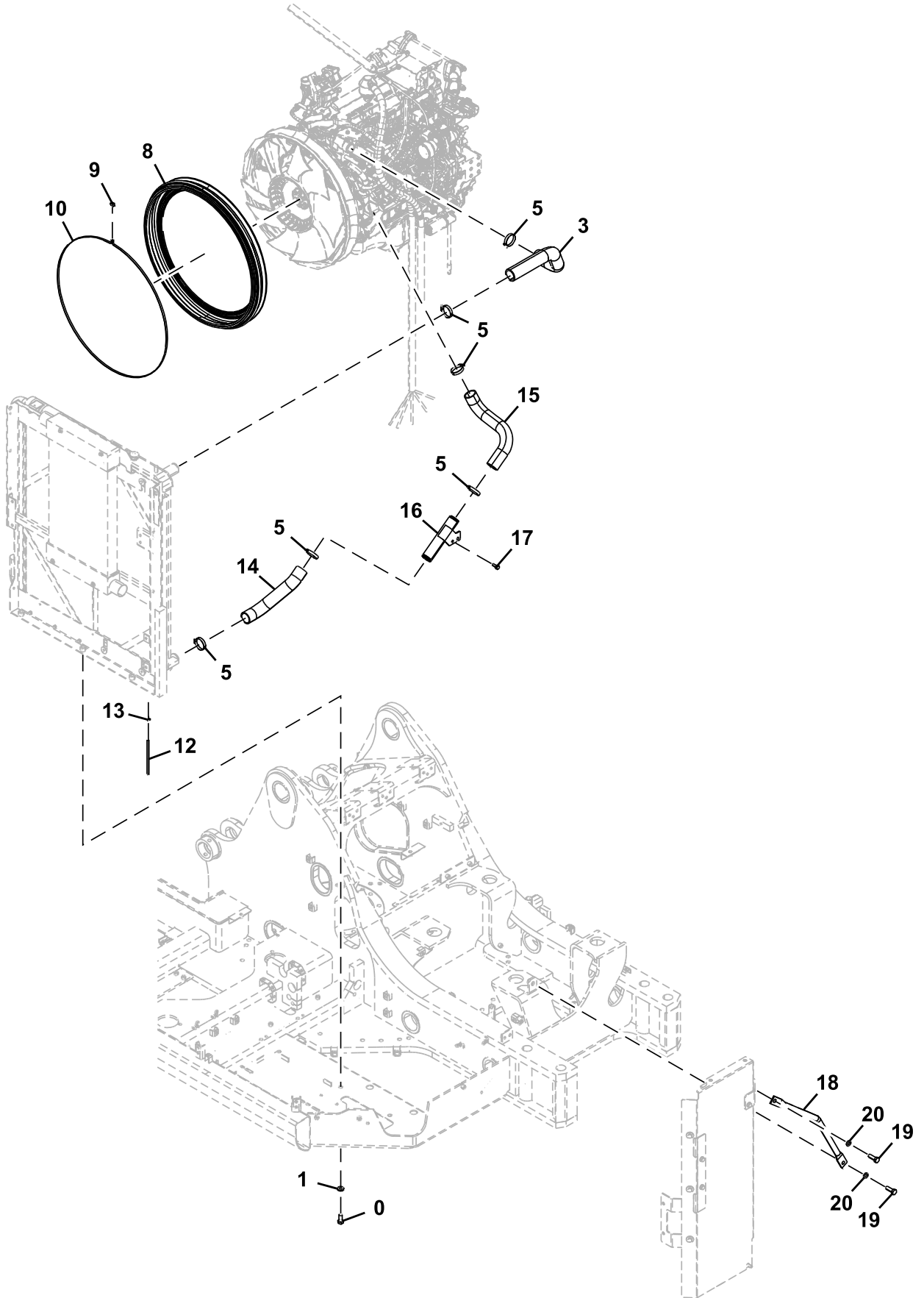


TX1210685

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
1	FXB00003367	Frame	1		
2	FXB00009559	Radiator	1		
3	4650360	Filler Cap	1		
4	4655627	Drain Plug	1		
5	4655625	Isolator	2		
6	4698464	Packing	1		
7	FYA00034568	Oil Cooler	1		
9	4655624	Isolator	4		
10	4655623	Locking Collar	4		
11	4655622	Bolt	4		
12	FYA00011063	Bolt	6		
13	FXB00013315	Packing	1		
14	FXB00013316	Packing	1		
16	FXB00010802	Isolator	1		
19	FYA00019177	Intercooler	1		
21	FXB00013317	Packing	1		
22	FXB00010781	Isolator	2		
23	FXB00013318	Packing	2		
24	FXB00010783	Isolator	2		
26	FXB00010823	Insulator	1		
27	FYA00020480	Locking Collar	4		
28	4454105	Nut	4		

Cooling Package Piping

TX1117440 A.1

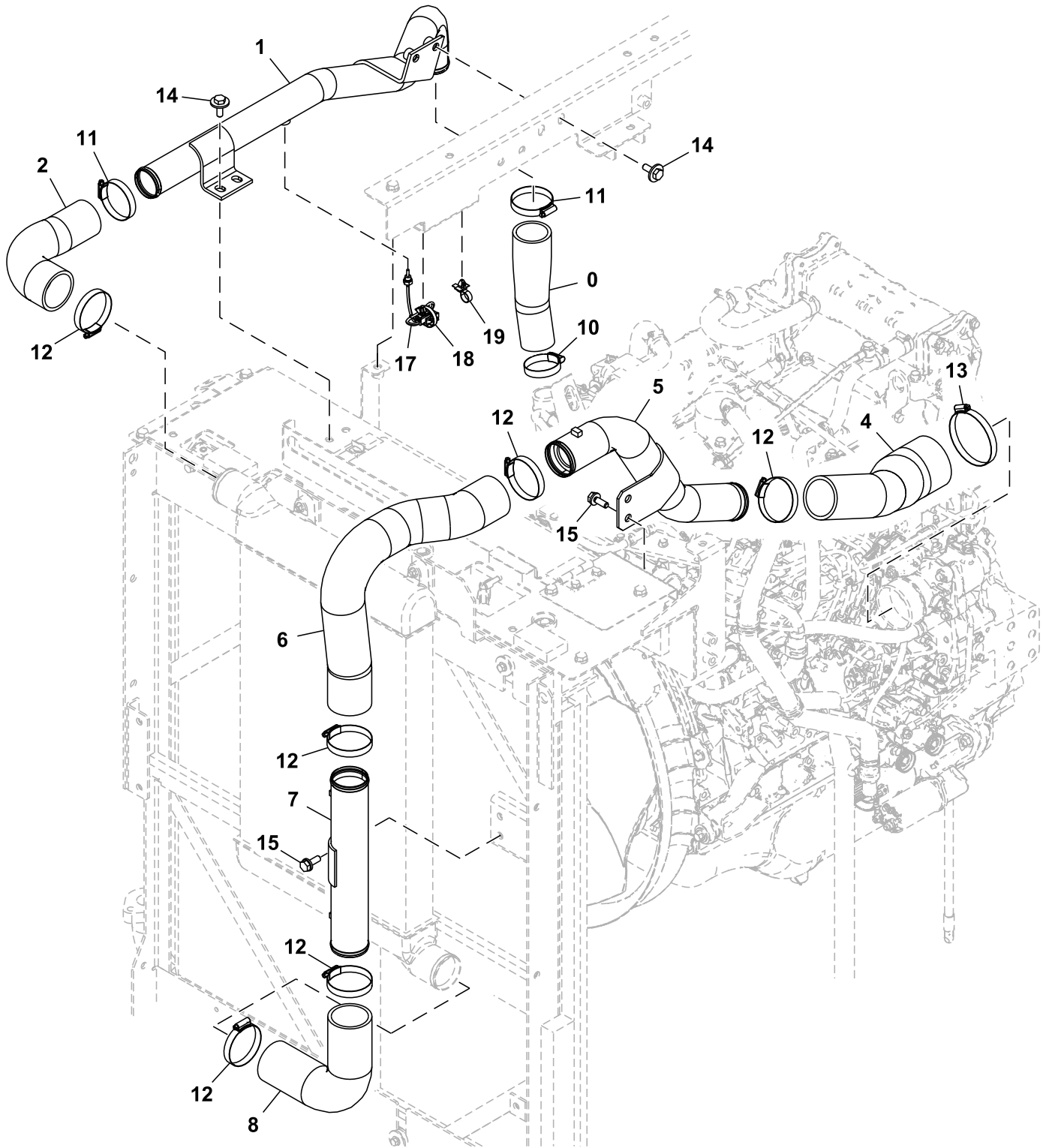


TX1117440

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	J921635	Bolt	3		
1	24M7338	Washer	3		17 X 30 X 3 mm, SUB FOR J222016
3	4716266	Hose	1		
5	TY22485	Hose Clamp	6		SUB FOR 4357297
8	4716346	Sealing Trim	1		
9	4426044	Lock	1		
10	4639513	Band	1		
12	4159073	Radiator Hose	1		
13	4646064	Clamp	1		
14	FYA00014708	Hose	1		
15	FYA00014709	Hose	1		
16	FYA40009724	Pipe	1		
17	.....	Screw With Washer	2		J271030 NLA
	19M7662	Cap Screw	2		M10 X 30
	24M7346	Washer	2		11 X 20 X 2 mm
18	3088910	Latch	1		
19	19M7489	Cap Screw	2		M16 X 45, SUB FOR J921645
20	12H294	Lock Washer	2		5/8", SUB FOR A590916

Intercooler Hoses

TX1211551 A.1

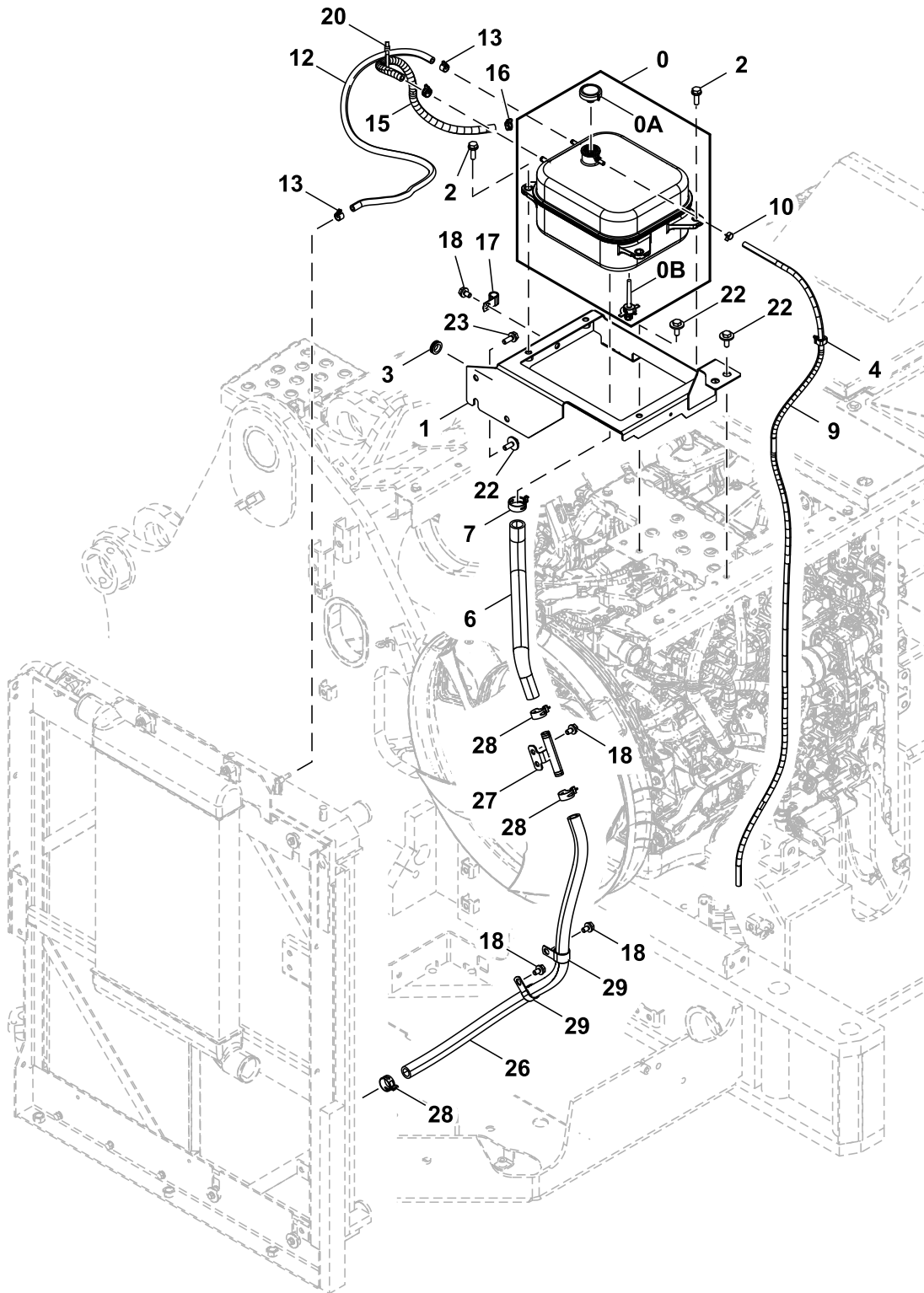


TX1211551

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	4716262	Hose	1		
1	FYA40018805	Pipe	1		
2	FYA00014520	Hose	1		
4	FYA00029747	Hose	1		
5	FYA40011246	Pipe	1		
6	FYA00014504	Hose	1		
7	FYA40009554	Pipe	1		
8	FYA00014505	Hose	1		
10	AR65293	Clamp	1		SUB FOR4504198
11	TY22472	Clamp	2		SUB FOR 4504199
12	TY22472	Clamp	6		SUB FOR 4504491
13	AH104837	Hose Clamp	1		SUB FOR 4503469
14	.....	Screw With Washer	4		J281030 NLA
	19M7662	Cap Screw	4		M10 X 30, SUB FOR J901030
	4486055	Washer	4		
15	.....	Screw With Washer	4		J271030 NLA
	19M7662	Cap Screw	4		M10 X 30, SUB FOR J901030
	24M7346	Washer	4		11 X 20 X 2 mm, SUB FOR J222010
17	8973811820	Sensor	1		SUB FOR FYA00011515, Mat Sensor
18	H77698	Tie Band	1		SUB FOR 4055311
19	4254600	Clip	1		

Surge Tank

TX1210193 A.1



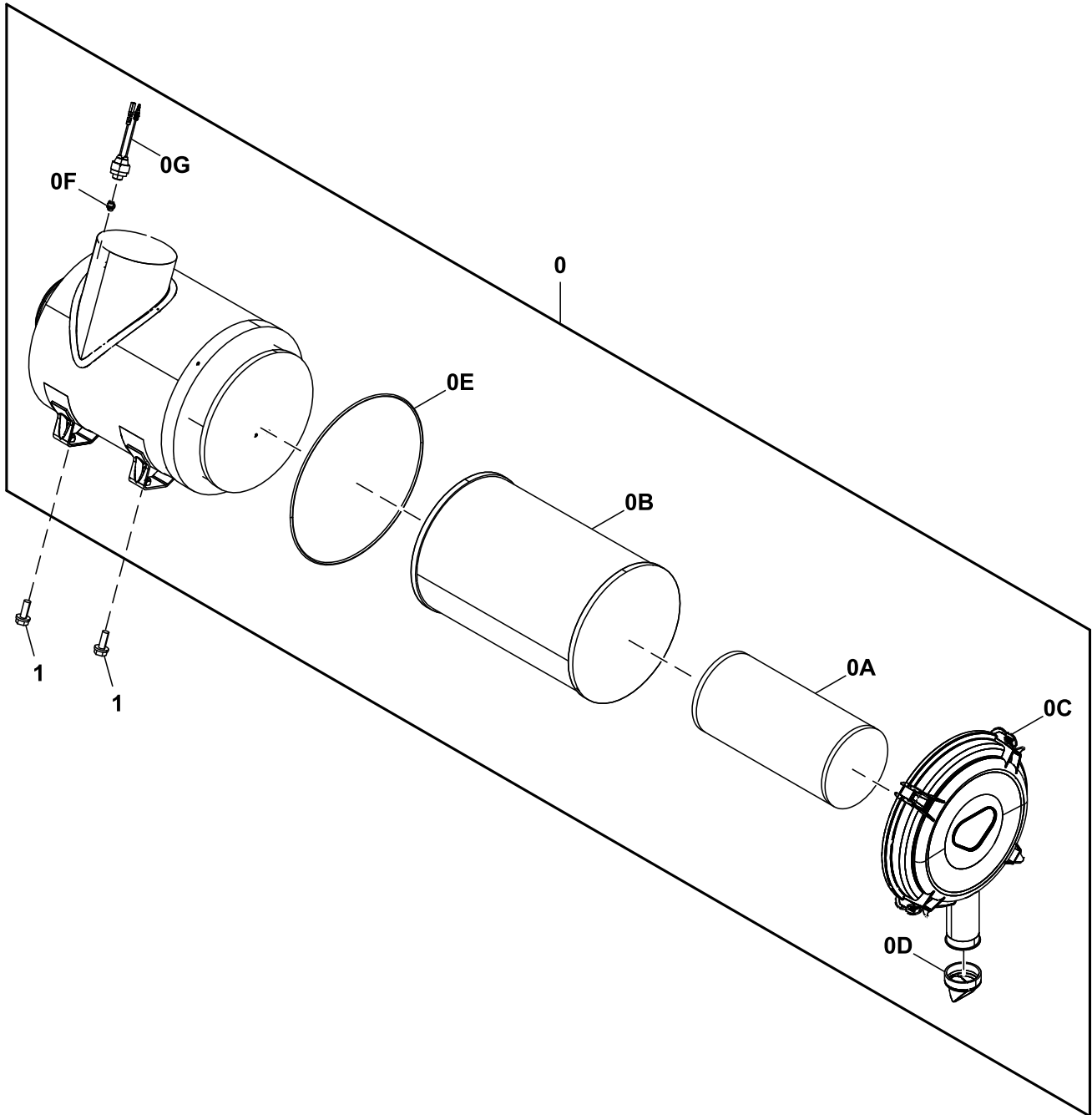
TX1210193

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	FYA00036011	Tank	1		Surge
0A	FYA00038910	Cap	1		
0B	FYA00030345	Switch	1		Level
1	FYA40021441	Bracket	1		
2	.....	Screw With Washer	4		J271035 NLA
	19M7550	Cap Screw	4		M10 X 35, SUB FOR J901035
	24M7346	Washer	4		11 X 20 X 2 mm, SUB FOR J222010
3	94-2816	Grommet	1		
4	4449250	Clip	1		
6	FYA00031455	Hose	1		
7	FYA00036493	Clip	1		
9	.....	Bulk Hose	1		MAKE FROM TY25195, CTL 1950 mm (76.7 in), 4353970 NLA
10	L112347	Clamp	1		SUB FOR 4425139
12	FXV00001504	Hose	1		
13	FYA00036490	Clip	2		
15	FXV00000828	Hose	1		
16	FYA00036491	Clip	2		
17	4190253	Clip	1		
18	.....	Screw With Washer	5		J271020 NLA
	19M7938	Cap Screw	5		M10 X 20, SUB FOR J901020
	24M7346	Washer	5		11 X 20 X 2 mm, SUB FOR J222010
20	H77698	Tie Band	1		SUB FOR 4055312
22	.....	Screw With Washer	5		J281030 NLA
	19M7662	Cap Screw	5		M10 X 30, SUB FOR J901030
	4486055	Washer	5		
23	.....	Screw With Washer	1		J271030 NLA
	19M7662	Cap Screw	1		M10 X 30, SUB FOR J901030
	24M7346	Washer	1		11 X 20 X 2 mm, SUB FOR J222010
26	FYA00063537	Hose	1		SUB FOR FXV00000625
27	FYA40023344	Hose	1		
28	FYA00036492	Clip	3		
29	XCL-19	Hose Clamp	2		SUB FOR 4192035



**Air Cleaner**

TX1209949 A.1

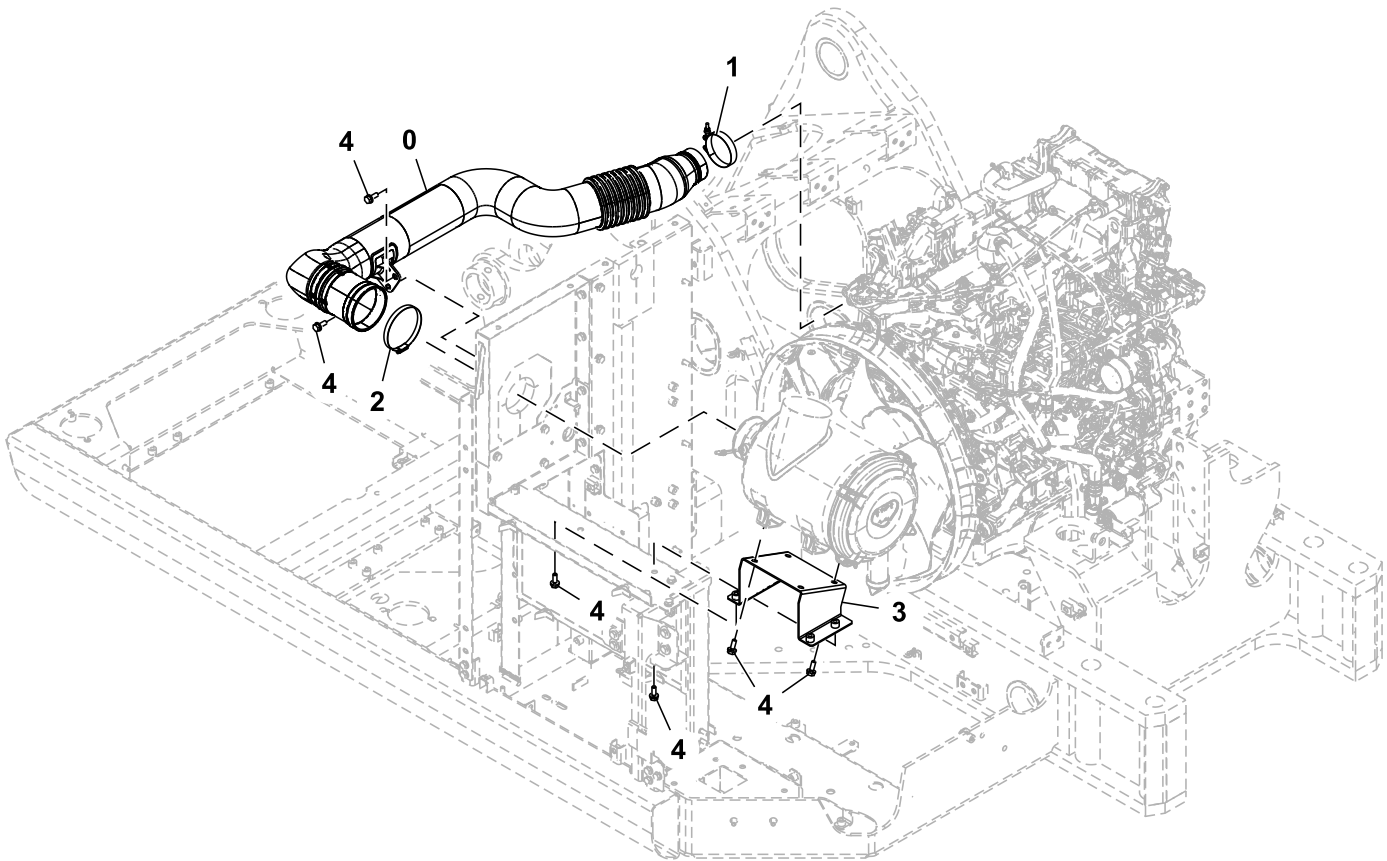


TX1209949

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	FYA00031157	Air Cleaner	1		
0A	AT280663	Filter Element	1		Secondary, Inner, SUB FOR 4286130
0B	AT280662	Filter Element	1		Primary, Outer, SUB FOR 4286128
0C	4453909	Cover	1		
0D	4453910	Drain Valve	1		Dust Unloader
0E	4453911	Gasket	1		
0F	AR44361	Fitting	1		SUB FOR D911521
0G	4477185	Indicator	1		
1	.....	Screw With Washer	4		J271030 NLA
	19M7662	Cap Screw	4		M10 X 30, SUB FOR J901030
	24M7346	Washer	4		11 X 20 X 2 mm, SUB FOR J222010

**Air Cleaner Hoses**

TX1211549 A.1

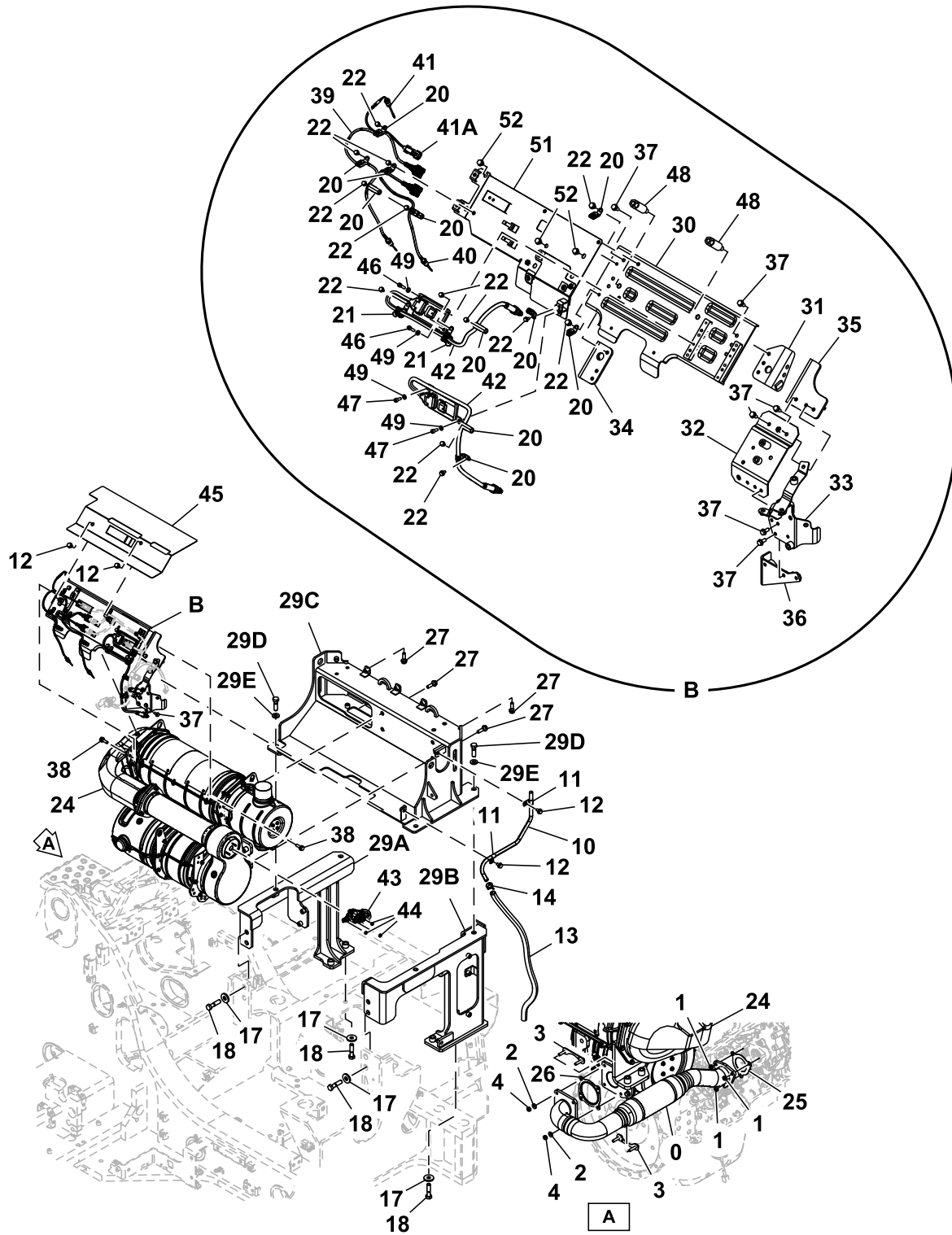


TX1211549

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	FYA00030982	Air Duct	1		
1	AT43291	Hose Clamp	1		SUB FOR 4282483
2	TY22476	Clamp	1		SUB FOR 4512716
3	FYA40002681	Bracket	1		
4	.....	Screw With Washer	6		J271030 NLA
	19M7662	Cap Screw	6		M10 X 30, SUB FOR J901030
	24M7346	Washer	6		11 X 20 X 2 mm, SUB FOR J222010

Aftertreatment

TX1210131 A.1

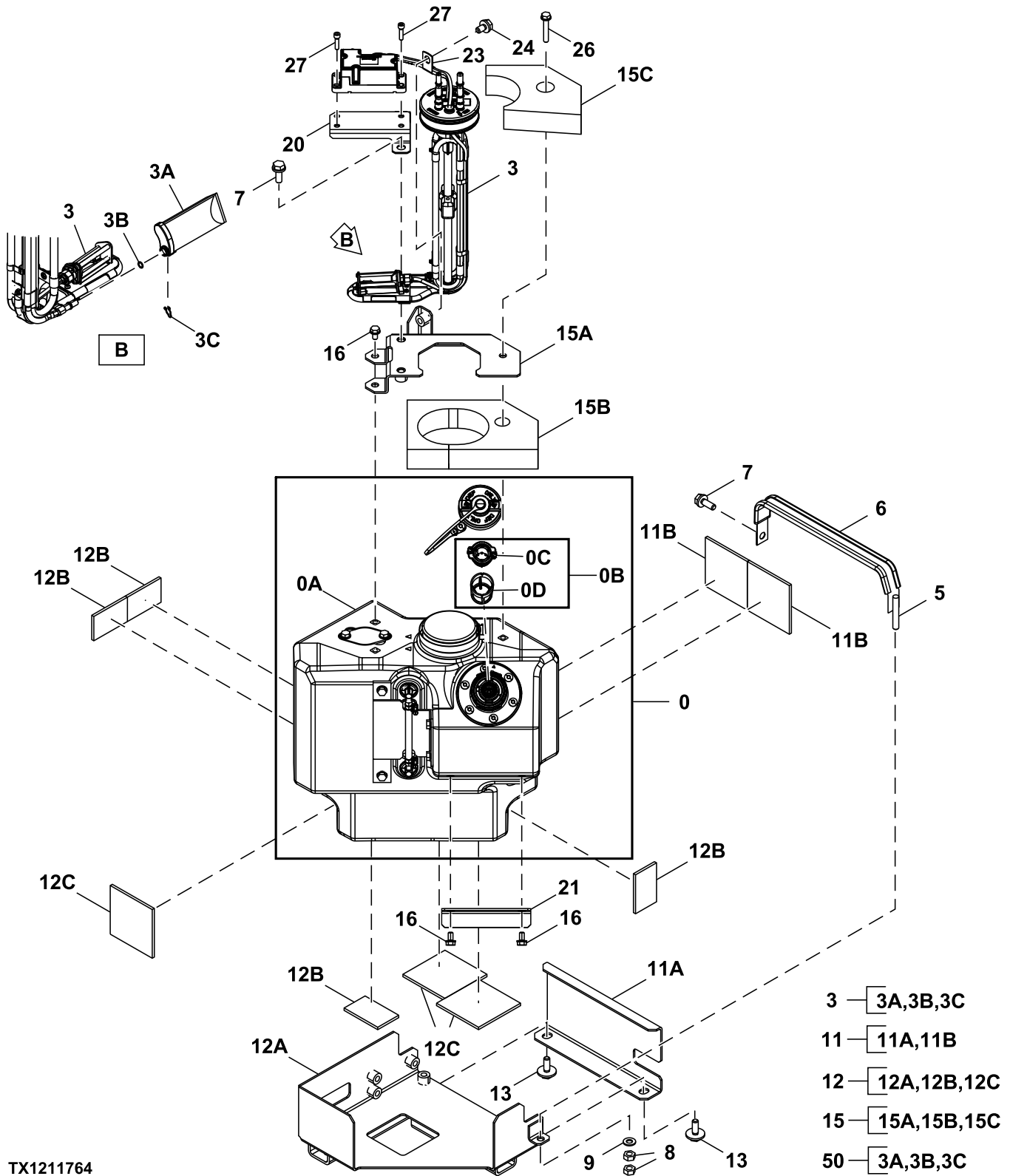


TX1210131

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	FYA00030025	Exhaust Pipe	1		
1	E64256	Lock Nut	3		SUB FOR 4252898
2	J222008	Washer	4		
3	FYA40018368	Clamp	2		
4	14M7273	Nut	4		M8, SUB FOR J950008
10	FYA00012566	Pipe	1		
11	4722645	Clip	2		
12	.....	Screw With Washer	4		J271020
	19M7938	Cap Screw	4		M10 X 20, SUB FOR J901020
	24M7346	Washer	4		11 X 20 X 2 mm, SUB FOR J222010
13	4722646	Hose	1		
14	4717624	Clip	1		
17	4650338	Washer	9		
18	19M7369	Cap Screw	9		M16 X 60, SUB FOR J921665
20	8973679841	Clip	13		SUB FOR FYA00009341
21	FYA00030402	Wiring Harness	2		
22	.....	Screw With Washer	15		J260612 NLA
	19M6614	Cap Screw	15		M6 X 12, SUB FOR J900612
	24M7054	Washer	15		6.400 X 12 X 1.600 mm, SUB FOR A590106
24	8982394655	Fuel Filter	1		SUB FOR 8982394654 AND FYA00025923, Components On Separate Page SUB FOR 8973767580
25	4664929	Gasket	1		
26	4664931	Gasket	1		
27	.....	Screw With Washer	8		J271245 NLA
	19M7496	Cap Screw	8		M12 X 45, SUB FOR J901245
	24M7345	Washer	8		13.500 X 24 X 2.500 mm, SUB FOR J222012
29A	FYA40020525	Bracket	1		
29B	FYA40020526	Bracket	1		
29C	FYA40020524	Bracket	1		
29D	19M8295	Cap Screw	4		M16 X 55, SUB FOR J921655
29E	24M7338	Washer	4		17 X 30 X 3 mm, SUB FOR J222016
30	8983338791	Bracket	1		FYA00046905 NLA
31	8983338780	Bracket	1		FYA00046903 NLA
32	8983338910	Bracket	1		FYA00046906 NLA
33	8982824391	Bracket	1		SUB FOR FYA00037821
34	8983338770	Bracket	1		FYA00046902 NLA
35	8983338920	Bracket	1		FYA00046904 NLA
36	8982373882	Bracket	1		SUB FOR FYA00034771
37	.....	Screw With Washer	12		J260820 NLA
	19M7881	Screw	12		M8 X 20, SUB FOR J900820
	24M7055	Washer	12		8.400 X 16 X 1.600 mm, SUB FOR A590108
38	.....	Screw With Washer	4		J271035 NLA
	19M7550	Cap Screw	4		M10 X 35, SUB FOR J901035
	24M7346	Washer	4		11 X 20 X 2 mm, SUB FOR J222010
39	FYA00009435	Temperature Sensor	1		Temperature, SUB FOR 8981783581
40	FYA00009436	Temperature Sensor	1		Temperature, SUB FOR 8981867621
41	8980863290	Sensor	1		INCLUDES FYA00039506, SUB FOR FYA00001706, Exhaust Temperature Sensor (DOC)
41A	FYA00039506	Clip	1		
42	8983023940	Sensor	2		SUB FOR 8982369200 OR FYA00001705, Nox
43	8982318982	Module	1		INCLUDES 8980863330 AND (2) 8981694141, SUB FOR FYA00017596
	8980863330	Gasket	1		SUB FOR FYA00037479
	8981694141	Fitting	2		SUB FOR FYA00037478
44	14M7303	Flange Nut	3		M6, SUB FOR FYA00015424
45	FYA40027959	Cover	1		
46	19M8505	Screw	2		M6 X 25, SUB FOR J780625
47	19M7768	Screw	2		M6 X 16, SUB FOR J780616
48	FYA00040177	Spacer	2		
49	24M7054	Washer	4		6.400 X 12 X 1.600 mm, SUB FOR A590106
51	FYA40031303	Bracket	1		
52	.....	Screw With Washer	6		J260814
	19M7162	Cap Screw	6		M8 X 16, SUB FOR J900814
	24M7055	Washer	6		8.400 X 16 X 1.600 mm, SUB FOR A590108

Diesel Exhaust Fluid (DEF) Tank And Mounting

TX1211764 B.1



TX1211764

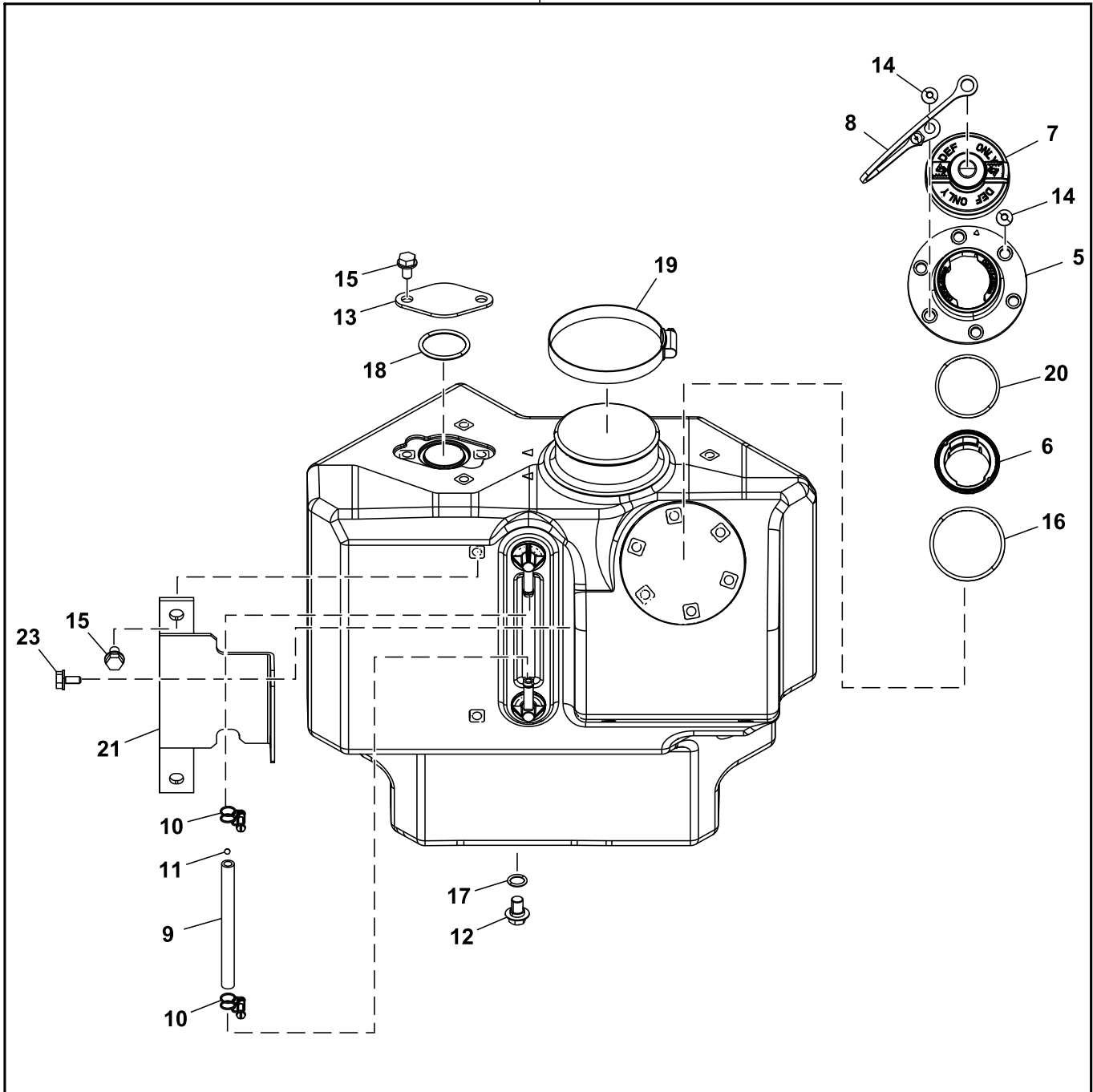
Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	.....	Tank	1		Diesel Exhaust Fluid (DEF), Components On Separate Page
0A	.....	Tank	1		FYA00039399 NLA
0B	FYA60043809	Filler Neck	1		
0C	FYA00039312	Adapter	1		
0D	FYA00043256	Strainer	1		
3	FYA00047390	Sensor	1		DEF Tank
3A	.....	Filter	1		FYA00049549 NLA
3B	FYA00049550	O-Ring	1		
3C	FYA00049551	Clip	1		
5	FYA40022411	Belting	1		
6	4487147	Isolator	1		
7	.....	Screw With Washer	3		J271030 NLA
	19M7662	Cap Screw	3		M10 X 30, SUB FOR J901030
	24M7346	Washer	3		11 X 20 X 2 mm, SUB FOR J222010
8	14M7274	Nut	2		M10, SUB FOR J950010
9	24M7028	Washer	1		10.500 X 20 X 2 mm, SUB FOR A590110
11	FYA60036447	Cover	1		
11A	FYA00027798	Cover	1		
11B	FXV00002281	Plate	2		
12	FYA60036446	Bracket	1		
12A	FYA40018447	Bracket	1		
12B	FXV00002269	Plate	4		
12C	FXV00002281	Plate	3		
13	.....	Screw With Washer	2		J281030 NLA
	19M7662	Cap Screw	2		M10 X 30, SUB FOR J901030
	4486055	Washer	2		
15	FYA60040312	Bracket	1		
15A	.....	Bracket	1		FYA40027944 NLA
15B	FYA00042553	Isolator	1		
15C	FYA00042554	Isolator	1		
16	.....	Screw With Washer	4		J260816 NLA
	19M7162	Cap Screw	4		M8 X 16, SUB FOR J900816
	24M7055	Washer	4		8.400 X 16 X 1.600 mm, SUB FOR A590108
20	FYA40027945	Bracket	1		
21	FYA00042551	Bracket	1		
23	R56171	Clip	1		SUB FOR 4205358
24	.....	Screw With Washer	1		J271020 NLA
	19M7938	Cap Screw	1		M10 X 20, J901020 NLA
	24M7346	Washer	1		11 X 20 X 2 mm, SUB FOR J222010
26	.....	Screw With Washer	1		J260850 NLA
	19M8397	Cap Screw	1		M8 X 50, SUB FOR J900850
	24M7055	Washer	1		8.400 X 16 X 1.600 mm, SUB FOR A590108
27	19M8505	Screw	4		M6 X 25, SUB FOR J780625
50	FYA60052521	Filter	1		



Diesel Exhaust Fluid (DEF) Tank

TX1209890 A.1

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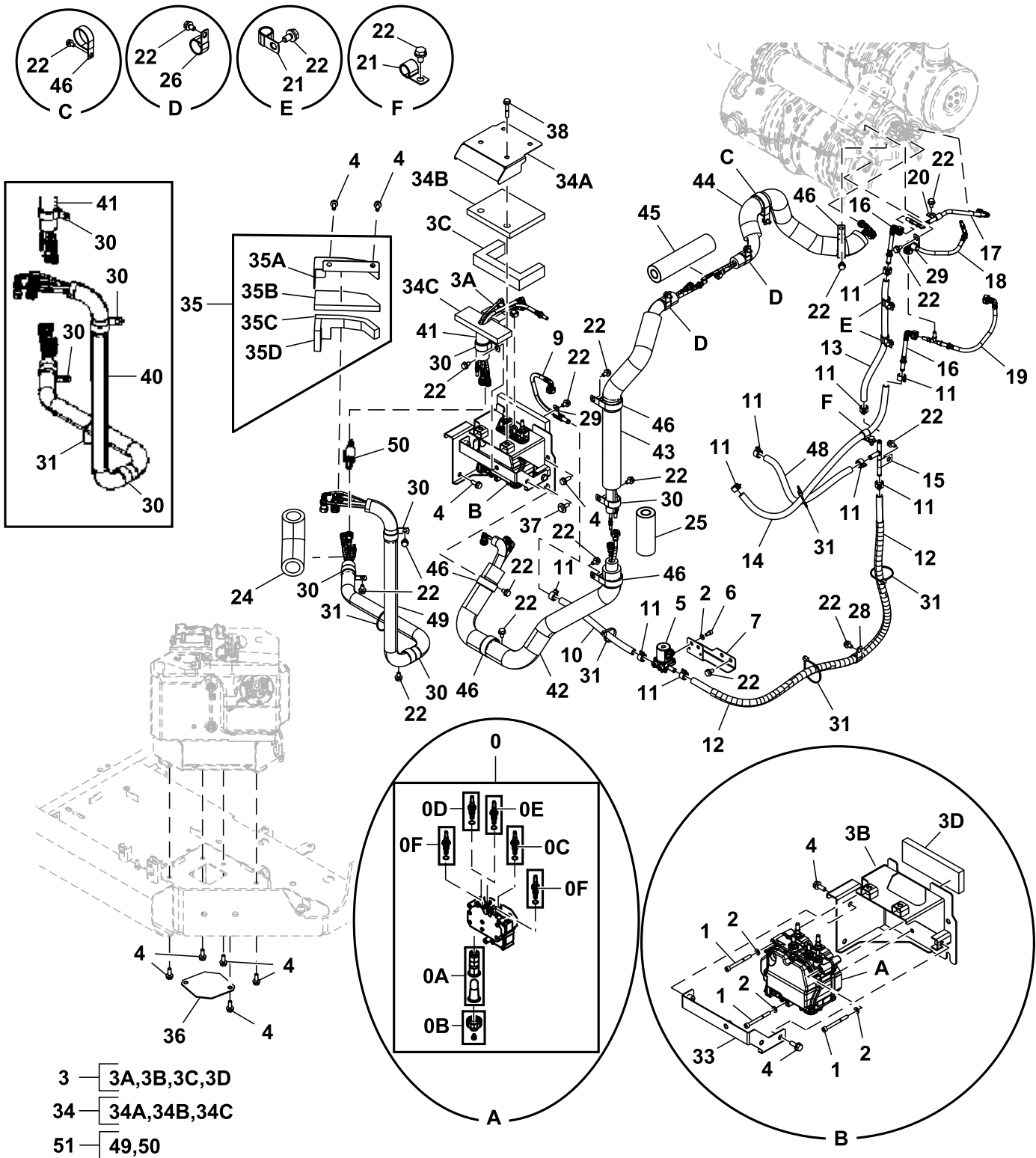


TX1209890

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	FYA60049535	Tank	1		Diesel Exhaust Fluid (DEF) Tank
5	FXB00010760	Flange	1		
6	FYA00049091	Holder	1		SUB FOR FXB00010761
7	FYA00046487	Cap	1		SUB FOR FXB00009490
8	FYA00046490	Strap	1		SUB FOR FXB00009491
9	FXB00011870	Hose	1		SUB FOR FXB00009492
10	FXB00009493	Clip	2		
11	FXB00009494	Float	1		
12	FXB00009495	Plug	1		
13	FXB00009496	Plate	1		
14	FYA00046491	Bolt	6		SUB FOR FXB00009497
15	FXB00009498	Screw	2		
16	FYA00046492	Clip Kit	1		SUB FOR FXB00009499
17	FXB00009500	O-Ring	1		
18	FXB00009501	O-Ring	1		
19	FXB00009502	Band	1		
20	FYA00046493	O-Ring	1		SUB FOR FXB00010759
21	FXB00013774	Bracket	1		
23	FXB00013775	Screw	2		

Diesel Exhaust Fluid (DEF) Lines

TX1211768 D.1

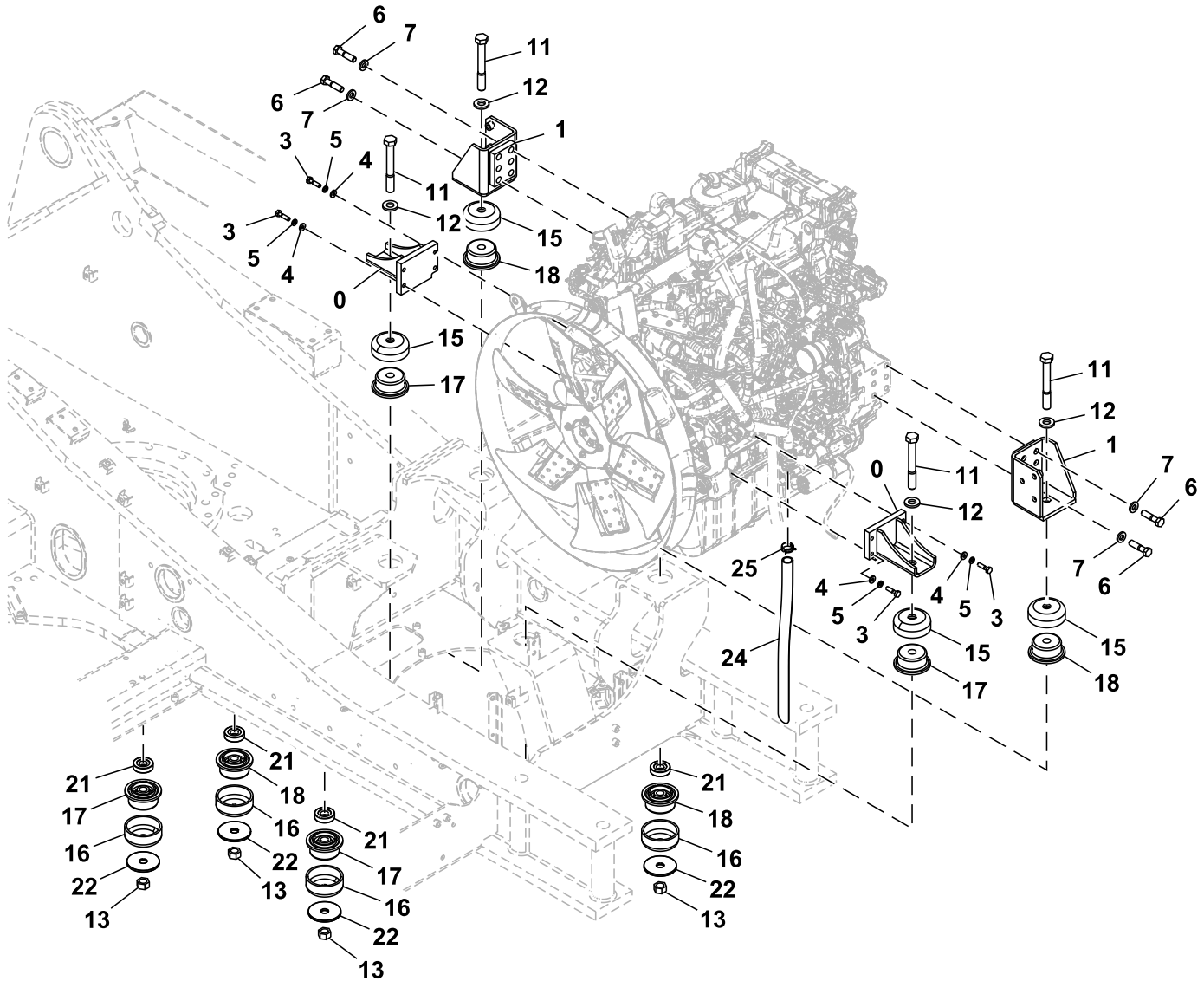


TX1211768

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	8982264732	Module	1		Diesel Exhaust Fluid (DEF) Supply Module, SUB FOR 8982264731 AND FYA00017595
0A	8983507160	Filter Kit	1		DEF Supply Module, SUB FOR 8981694030 AND FYA00033443
0B	8981694080	Cover Kit	1		SUB FOR FYA00036426
0C	FYA00037475	Electrical Connector Assy	1		
0D	8981694110	Fitting	1		SUB FOR FYA00037477
0E	8982688130	Fitting	1		SUB FOR FYA00037474 AND 8981694120
0F	8981694141	Fitting	2		SUB FOR FYA00037476
1	19M9411	Screw	3		M8 X 85, SUB FOR J780885
2	24M7055	Washer	5		8.400 X 16 X 1.600 mm, SUB FOR A590108
3	FYA60036443	Bracket	1		
3A	FXV00000899	Isolator	1		
3B	.....	Bracket	1		FYA40025044 NSEP
3C	FYA00039113	Isolator	1		
3D	FXV00002219	Isolator	1		
4	.....	Screw With Washer	12		J271030 NLA
	19M7662	Cap Screw	12		M10 X 30, SUB FOR J901030
	24M7346	Washer	12		11 X 20 X 2 mm, SUB FOR J222010
5	8976289561	Valve	1		DEF Heating Valve, SUB FOR FYA00017597
6	19M7647	Screw	2		M8 X 16, SUB FOR J780816
7	FYA00038494	Bracket	1		
9	FYA00039918	Hose	1		
10	FXV00000694	Hose	1		
11	FYA00028484	Clip	10		
12	FXV00002228	Hose	1		ALSO ORDER TY26190, SUB FOR FYA60037028
	.....	Conduit	1		MAKE FROM TY26190, CTL, SUB FOR 4626886
13	FXV00002226	Hose	1		
14	FXV00002227	Hose	1		
15	FYA40015877	Pipe	1		
16	FYA00031272	Hose	2		
17	FYA00028084	Hose	1		
18	FYA00039919	Hose	1		
19	FYA00039920	Hose	1		
20	AH79175	Clip	1		SUB FOR 4190272
21	4190274	Clip	3		
22	.....	Screw With Washer	23		J271020 NLA
	19M7938	Cap Screw	23		M10 X 20, SUB FOR J901020
	24M7346	Washer	23		11 X 20 X 2 mm, SUB FOR J222010
24	FYA00034038	Insulator	1		
25	FYA00034119	Insulator	1		
26	4193848	Clip	2		SUB FOR 4190264
28	4190263	Clip	1		
29	4190275	Clamp	2		
30	4193848	Clip	5		SUB FOR 4190291
31	H77698	Tie Band	5		SUB FOR 4055312
33	FYA40025045	Bracket	1		
34	FYA60036444	Cover	1		
34A	.....	Cover	1		FYA40025046 NSEP
34B	FYA00039114	Isolator	1		
34C	FYA00039115	Isolator	1		
35	FYA60040313	Cover	1		
35A	.....	Cover	1		FYA00042552 NSEP
35B	FYA00042555	Isolator	1		
35C	FYA00042556	Isolator	1		
35D	FXV00000998	Isolator	1		
36	FYA00042665	Plate	1		
37	.....	Screw With Washer	1		J281030 NLA
	19M7662	Cap Screw	1		M10 X 30, SUB FOR J901030
	4486055	Washer	1		
38	.....	Screw With Washer	2		J271060 NLA
	19M5536	Cap Screw	2		M10 X 60, SUB FOR J901060
	24M7346	Washer	2		11 X 20 X 2 mm, SUB FOR J222010
40	FYA60066861	Filter Kit	1	-700347	SUB FOR FYA00042381, ALSO ORDER FYA00064453
	FYA00064453	Filter	1	-700347	DEF Filter
41	FYA00042382	Hose	1		
42	FYA00042383	Hose	1		
43	FYA00042384	Hose	1		
44	FYA00042385	Hose	1		
45	FYA00035261	Insulator	1		
46	N198631	Clamp	6		SUB FOR 4190265
48	FYA00031276	Hose	1		
49	.....	Hose	1	700348-	FYA00067409 NSEP
50	FYA00064453	Filter	1	700348-	DEF Filter, SUB FOR FYA00058141
51	FYA60066861	Filter Kit	1	700348-	DEF Filter

Engine Mounting

TX1211539 A.1

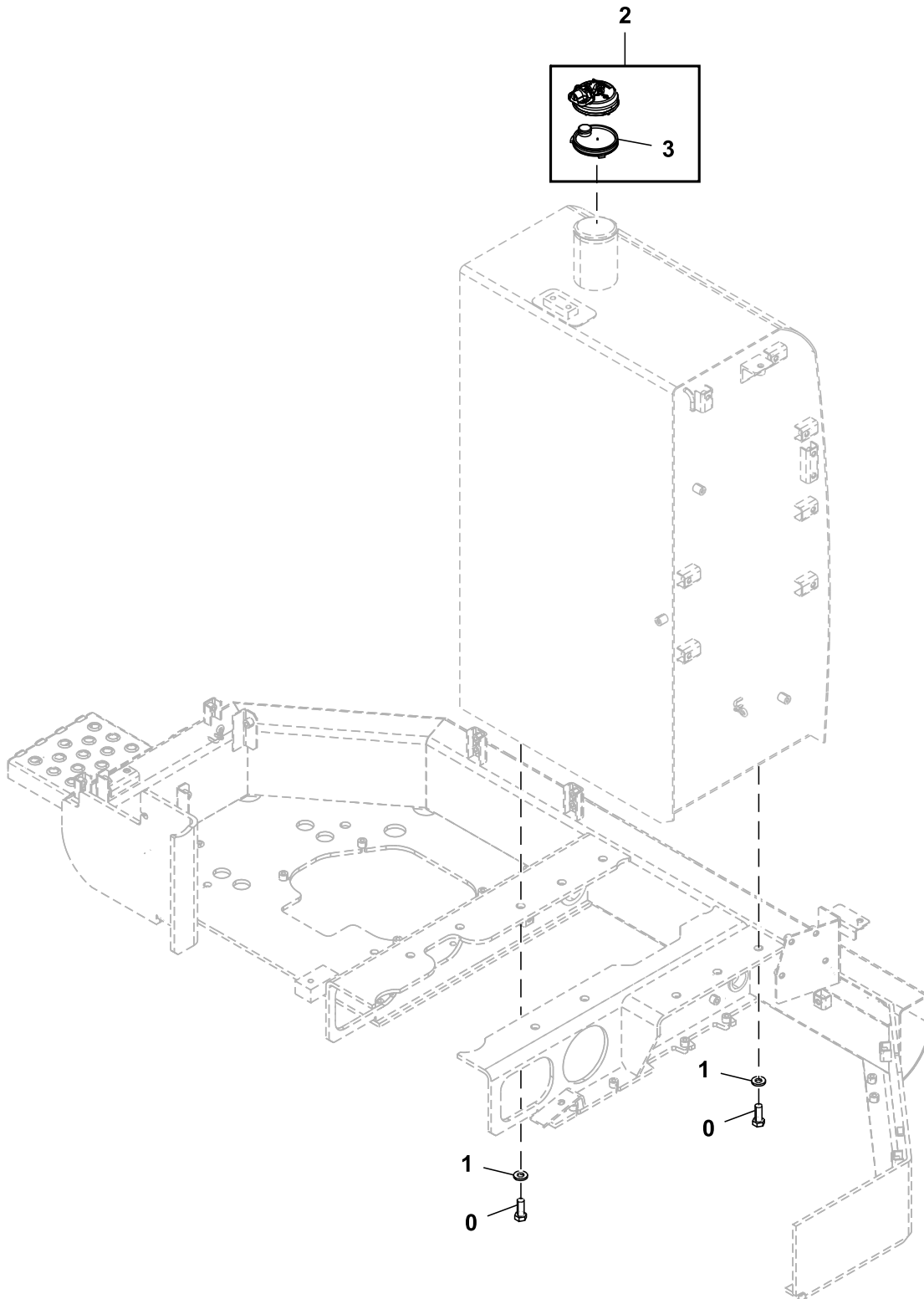


TX1211539

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	FYA40013099	Bracket	2		
1	8122440	Bracket	2		
3	J921040	Bolt	8		
4	24M7346	Washer	8		11 X 20 X 2 mm, SUB FOR J222010
5	12M7066	Lock Washer	8		10 mm, SUB FOR A590910
6	19M7369	Cap Screw	12		M16 X 60, SUB FOR J921665
7	24M7338	Washer	12		17 X 30 X 3 mm, SUB FOR J222016
11	J922212	Bolt	4		
12	J222022	Washer	4		
13	J950022	Nut	4		
15	4723718	Stop	4		
16	4723719	Stop	4		
17	4727702	Seal	4		
18	4727703	Isolator	4		
21	FYA00007824	Spacer	4		
22	FYA00007825	Washer	4		
24	8982596140	Hose	1		SUB FOR FYA00035007
25	1097071500	Clip	1		SUB FOR FYA00035005

Fuel Tank Mounting

TX1212341 A.1



TX1212341

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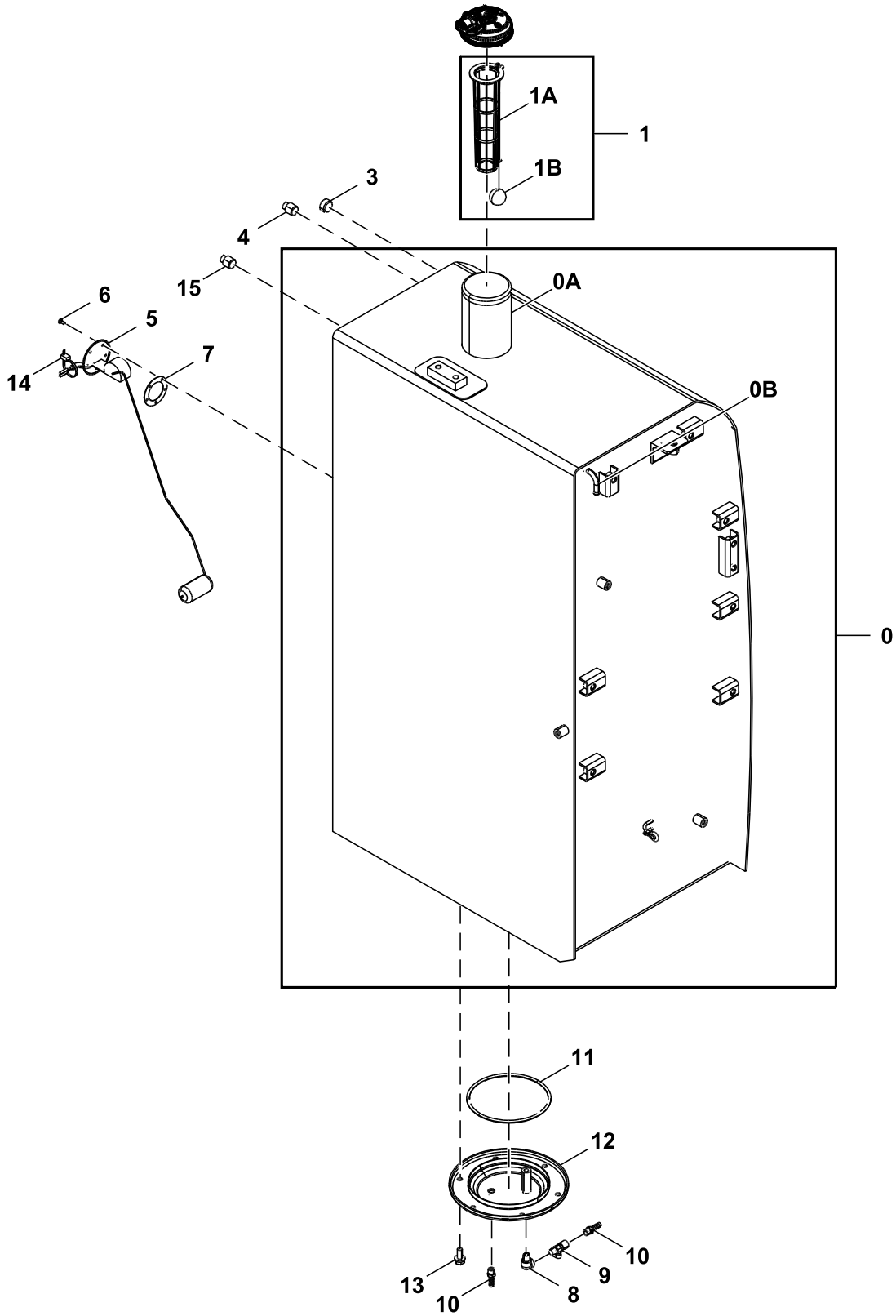
Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	19M7488	Cap Screw	6		M16 X 40, SUB FOR J921640
1	24M7338	Washer	6		17 X 30 X 3 mm, SUB FOR J222016
2	FYA00057006	Filler Cap	1		SUB FOR FYA00010024
3	FYA00057006	Filler Cap	1		SUB FOR FYA00012990

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Fuel Tank

TX1117098 C.1

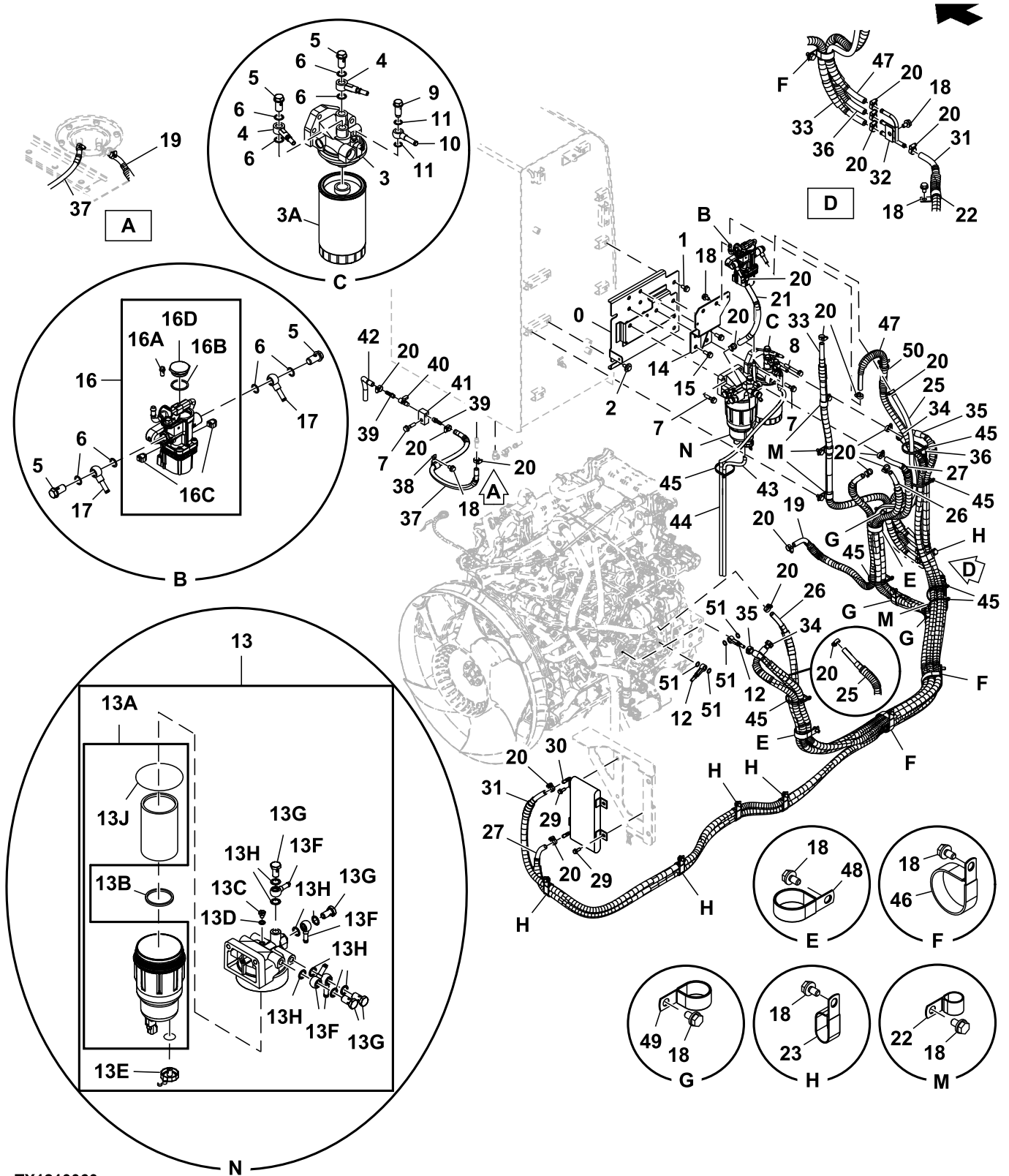


TX1117098

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	5013672	Fuel Tank	1		
0A	4121497	Tube	1		SUB FORFYA00012356
0B	4249777	Line	1		
1	FYA00070858	Strainer	1		SUB FOR 4353560
1A	.....	Strainer	1		4372619 NLA
1B	4372620	Float	1		
3	942014	Plug	1		SUB FOR 94-2014
4	4655968	Plug	1		
5	FYA00015407	Float	1		
6	21M7278	Screw	5		M5 X 10, SUB FOR J450510
7	T211051	Gasket	1		SUB FOR 4269607
8	94-0630	Elbow Fitting	1		
9	4478378	Ball Cock Valve	1		Fuel Tank Drain Valve
10	4449362	Adapter Fitting	2		
11	A810160	O-Ring	1		
12	FYA40007800	Cover	1		
13	.....	Screw With Washer	6		J271025 NLA
	19M7402	Cap Screw	6		M10 X 25
	24M7346	Washer	6		11 X 20 X 2 mm
14	H77698	Tie Band	1		SUB FOR 4055311
15	94-2023	Fitting Plug	1		

Fuel System Hoses

TX1210060 F.2



TX1210060

**05 Engine Auxiliary System**  
**0560 External Fuel Supply Systems**

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	FYA40045473	Bracket	1		SUB FOR FYA40004302
1	.....	Screw With Washer	2		J271025 NLA
	19M7402	Cap Screw	2		M10 X 25, SUB FOR J901025
	24M7346	Washer	2		11 X 20 X 2 mm, SUB FOR J222010
2	.....	Screw With Washer	2		J281025 NLA
	19M7402	Cap Screw	2		M10 X 25, SUB FOR J901025
	4486055	Washer	2		
3	8982394655	Fuel Filter	1		INCLUDES 8983129180, SUB FOR 8982394654 AND FYA00025923, Final
3A	8983129180	Filter Element	1		SUB FOR FYA00033486 AND 8982394641, Final
4	FYA00030683	Universal Joint	2		
5	1096750951	Eyebolt	4		SUB FOR 4634716
6	1096300860	Gasket	8		SUB FOR 4634979
7	.....	Screw With Washer	5		J271045 NLA
	19M7572	Cap Screw	5		M10 X 45, SUB FOR J901045
	24M7346	Washer	5		11 X 20 X 2 mm, SUB FOR J222010
8	.....	Screw With Washer	1		J271080 NLA
	19M8081	Cap Screw	1		M10 X 80, SUB FOR J901080
	24M7346	Washer	1		11 X 20 X 2 mm, SUB FOR J222010
9	FYA00029626	Bolt	1		
10	FYA00029627	Pipe	1		
11	8982513450	Packing	2		SUB FOR 4452165
12	FYA00030682	Universal Joint	2		
13	FYA00023169	Filter	1		Secondary
13A	FYA00005785	Filter Element	1		Secondary, Includes Water In Fuel (WIF) Sensor
13B	4653190	Ring	1		
13C	4653191	Plug	1		
13D	4653192	Gasket	1		
13E	FYA00038582	Drain Plug	1		
13F	FYA00038581	Pipe	4		
13G	FYA00038580	Eyebolt	4		
13H	FYA00038579	Gasket	8		
13J	4653195	O-Ring	1		
14	FYA40045472	Bracket	1		SUB FOR FYA40003268
15	.....	Screw With Washer	4		J271030 NLA
	19M7662	Cap Screw	4		M10 X 30, SUB FOR J901030
	24M7346	Washer	4		11 X 20 X 2 mm, SUB FOR J222010
16	FYA00065646	Fuel Pump	1		SUB FOR FYA00044351
16A	FYA00049542	Bolt	2		
16B	FYA00047814	O-Ring	1		
16C	FYA00047816	Clip	2		
16D	FYA00047815	Cap	1		
17	8973834270	Line	2		SUB FOR 4634911
18	.....	Screw With Washer	20		J271020 NLA
	19M7938	Cap Screw	20		M10 X 20, SUB FOR J901020
	24M7346	Washer	20		11 X 20 X 2 mm, SUB FOR J222010
19	.....	Hose	1		ORDER FYA00017783 AND 4725164, FYA60012529 NLA
	FYA00017783	Hose	1		
	4725164	Hose Guard	1		
20	4514700	Clip	21		
21	.....	Bulk Hose	1		MAKE FROM TY24398, CTL 400mm (15.7 in), FYA60011818 NLA
22	4190263	Clip	4		
23	R50454	Clamp	5		SUB FOR 4192034
25	.....	Bulk Hose	1		MAKE FROM TY22552, CTL 3200 mm (26 in), ALSO ORDER FYA00007749, FYA60028078 NLA
	FYA00007749	Hose Guard	1		
26	FYA00022513	Hose	1		ALSO ORDER 4642725, FYA60031386 NLA
	.....	Bulk Hose	1		MAKE FROM TY26190, CTL 2700 mm (106.3 in), 4642725 NLA
27	FYA00015301	Hose	1		ALSO ORDER 4634826, FYA60035870 NLA
	4634826	Tube	1		
29	.....	Screw With Washer	4		J260825 NLA
	19M7407	Cap Screw	4		M8 X 25, SUB FOR J900825
	24M7055	Washer	4		8.400 X 16 X 1.600 mm, SUB FOR A590108
30	4700619	Fuel Cooler	1		
31	FYA00016529	Hose	1		ALSO ORDER FYA00010490, FYA60028082 NLA
	FYA00010490	Tube	1		
32	FYA40020843	Pipe	1		
33	FYA00015298	Hose	1		ALSO ORDER 4355531, FYA60028083 NLA
	.....	Bulk Hose	1		MAKE FROM TY26190 CTL 4355531 NLA
34	FYA00037187	Hose	1		ALSO ORDER 4663226, FYA60028079 NLA
	4663226	Tube	1		
35	FYA00037187	Hose	1		ALSO ORDER 4663226, FYA60028080 NLA
	4663226	Tube	1		
36	FYA00016438	Hose	1		ALSO ORDER 4332697, FYA60028081 NLA
	4332697	Hose Guard	1		SUB FOR 4343344
37	FYA00017789	Hose	1		SUB FOR FYA60012533
38	T28949	Clamp	1		SUB FOR 4190273
39	4449362	Adapter Fitting	2		
40	4478378	Ball Cock Valve	1		
41	4725406	Adapter	1		
42	4654132	Hose	1		
43	4686493	Hose	1		SUB FOR 4655884
44	4689881	Hose	1		
45	H77698	Tie Band	7		SUB FOR 4055312
46	4204136	Clip	2		

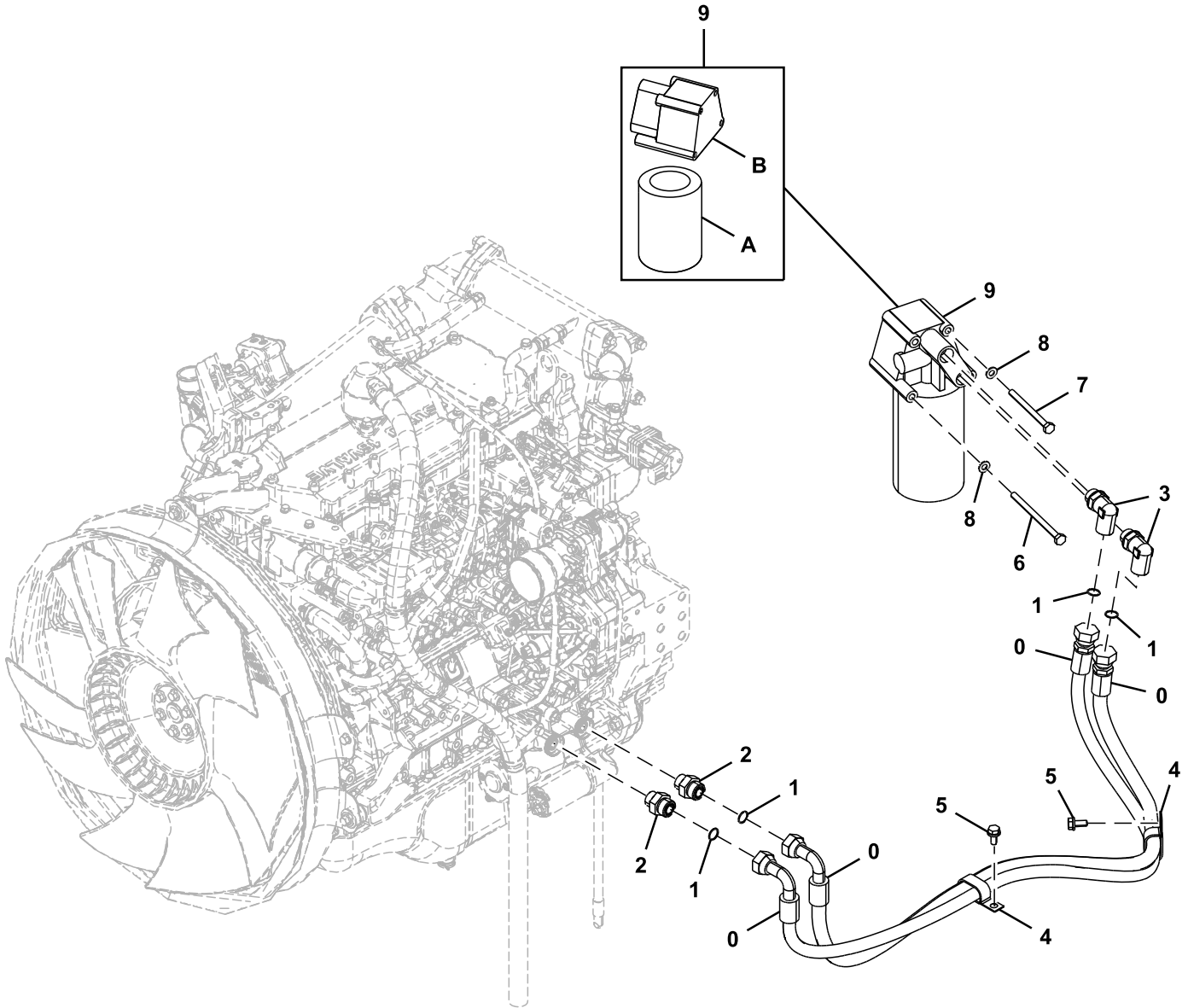
**05 Engine Auxiliary System**  
**0560 External Fuel Supply Systems**

47	.....	Bulk Hose	1	MAKE FROM TY24398, CTL 1350 mm (53.1 in), ALSO ORDER 4362471, FYA60045459 NLA
	.....	Bulk Hose	1	MAKE FROM TY26190, CTL 1350 mm (53.1 in) 4362471 NLA
48	N198631	Clamp	2	SUB FOR 4190265
49	4193848	Clip	3	SUB FOR 4190291
50	4259220	Clip	1	
51	1156195070	Gasket	4	SUB FOR FYA00029628



Engine Oil Filter and Lines

TX1115643 A.1



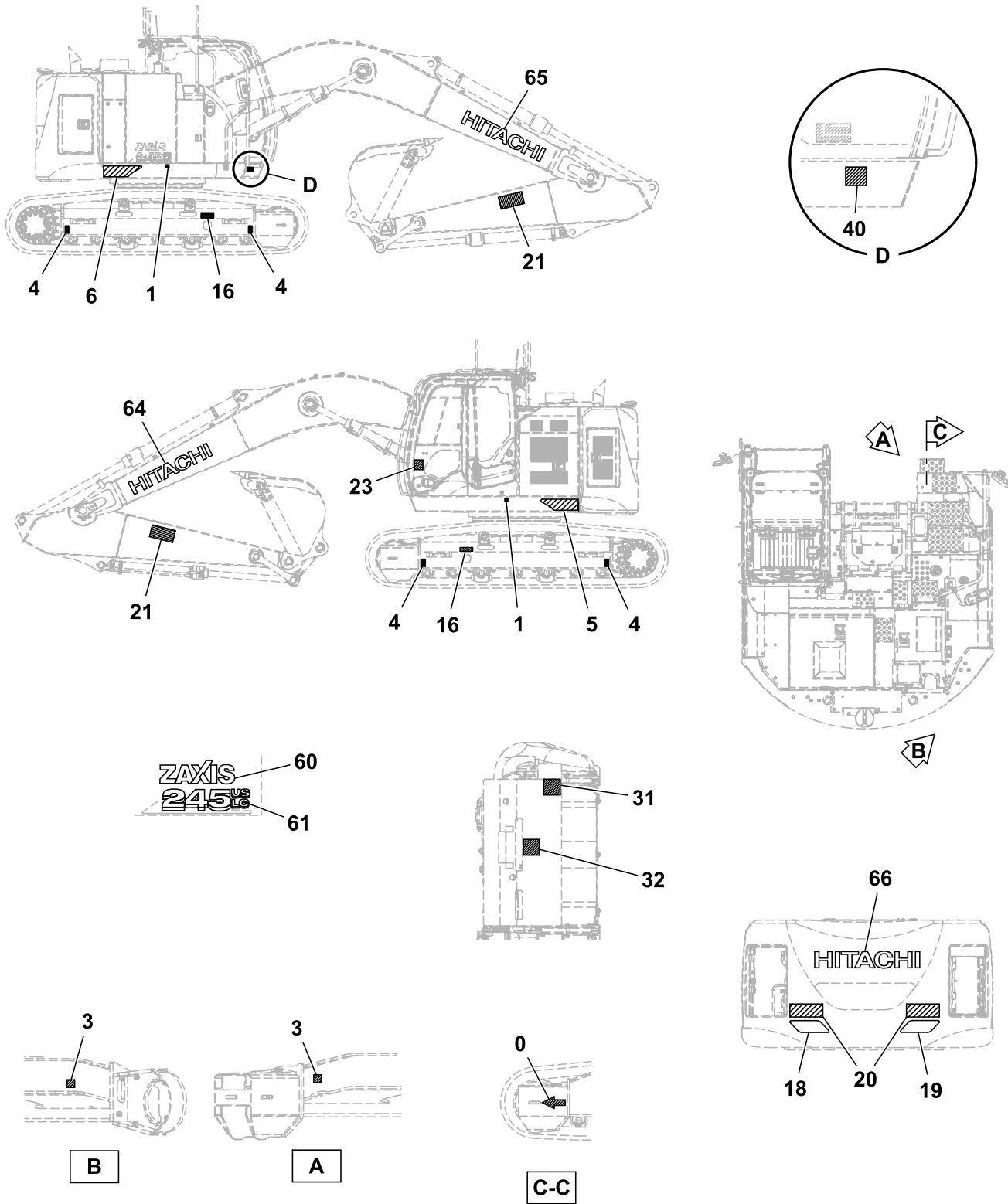
TX1115643

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	4679222	Hydraulic Hose	2		SUB FOR FYA60038094
1	4430912	O-Ring	4		
2	4473871	Adapter Fitting	2		INCLUDES 4153103
	4153103	O-Ring	1		
3	4473870	Fitting	2		INCLUDES 4153103
	4153103	O-Ring	1		
4	R50454	Clamp	2		SUB FOR 4192034
5	.....	Screw With Washer	2		J271025 NLA
	19M7402	Cap Screw	2		M10 X 25
	24M7346	Washer	2		11 X 20 X 2 mm
6	19M8003	Cap Screw	2		M10 X 140, SUB FOR J901010
7	19M8343	Cap Screw	2		M10 X 120, SUB FOR J901004
8	24M7028	Washer	4		10.500 X 20 X 2 mm, SUB FOR A590110
9	8983042430	Oil Filter	1		SUB FOR 4485262 OR 8973243861
9A	8983758600	Filter Element	1		SUB FOR 8983020751, 8983020750R, 8983020750, 4658521 AND 1132402322
9B	.....	Filter Head	1		NSEP



Labels And Decals (1 Of 3)

TX1210703 A.1



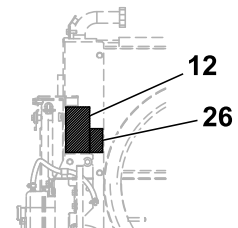
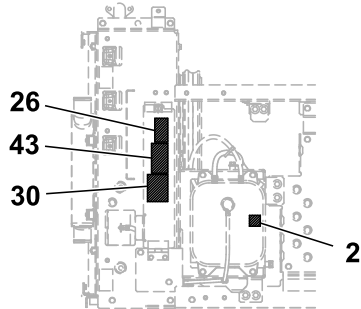
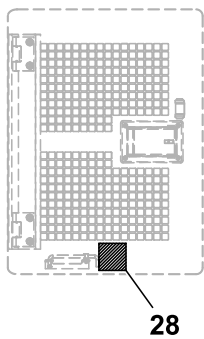
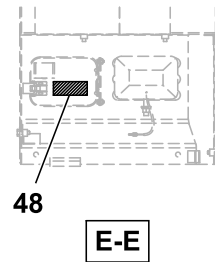
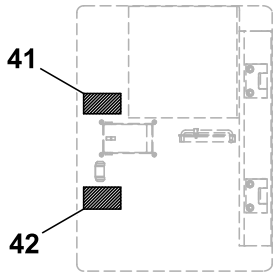
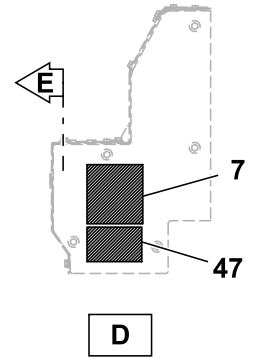
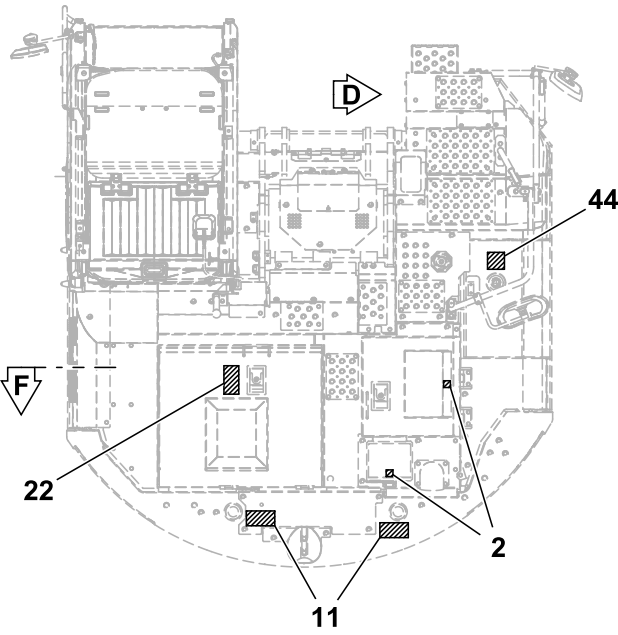
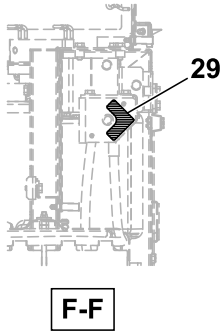
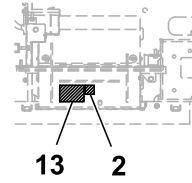
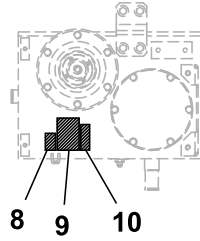
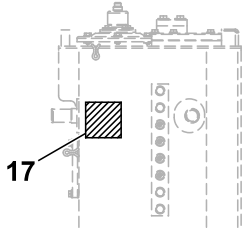
TX1210703

**13 Miscellaneous Vehicle  
1322 Labels & Trademarks**

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	4658927	Label	2		Directional Arrow
1	4201787	Label	1		Center Of Gravity
3	4657778	Label	4		Tie Down
4	FYA00028559	Label	4		Lift Hook
5	FYA00039148	Label	1		Accent Stripe, Left
6	FYA00039149	Label	1		Accent Stripe, Right
16	3070527	Label	2		Attention To Track Adjuster
18	FYA00038668	Reflector	1		Reflector, LH
19	FYA00038667	Reflector	1		Reflector, RH
20	T248455	Label	2		Warning For Arm
21	3092349	Safety Sign	2		Arm Operation Warning
23	3076246	Label	1		Warning - Tip Over
31	FYA00036143	Label	1		Don't Step
32	FYA00036144	Label	1		Warning - Hot Surface
40	4666044	Label	1		Resale Information
60	1033793	Label	1		Zaxis
61	FYA00045026	Label	1		245 USLC
64	2053330	Label	1		Hitachi
65	2053330	Label	1		Hitachi
66	2053330	Label	1		Hitachi

Labels And Decals (2 Of 3)

TX1210712 A.1



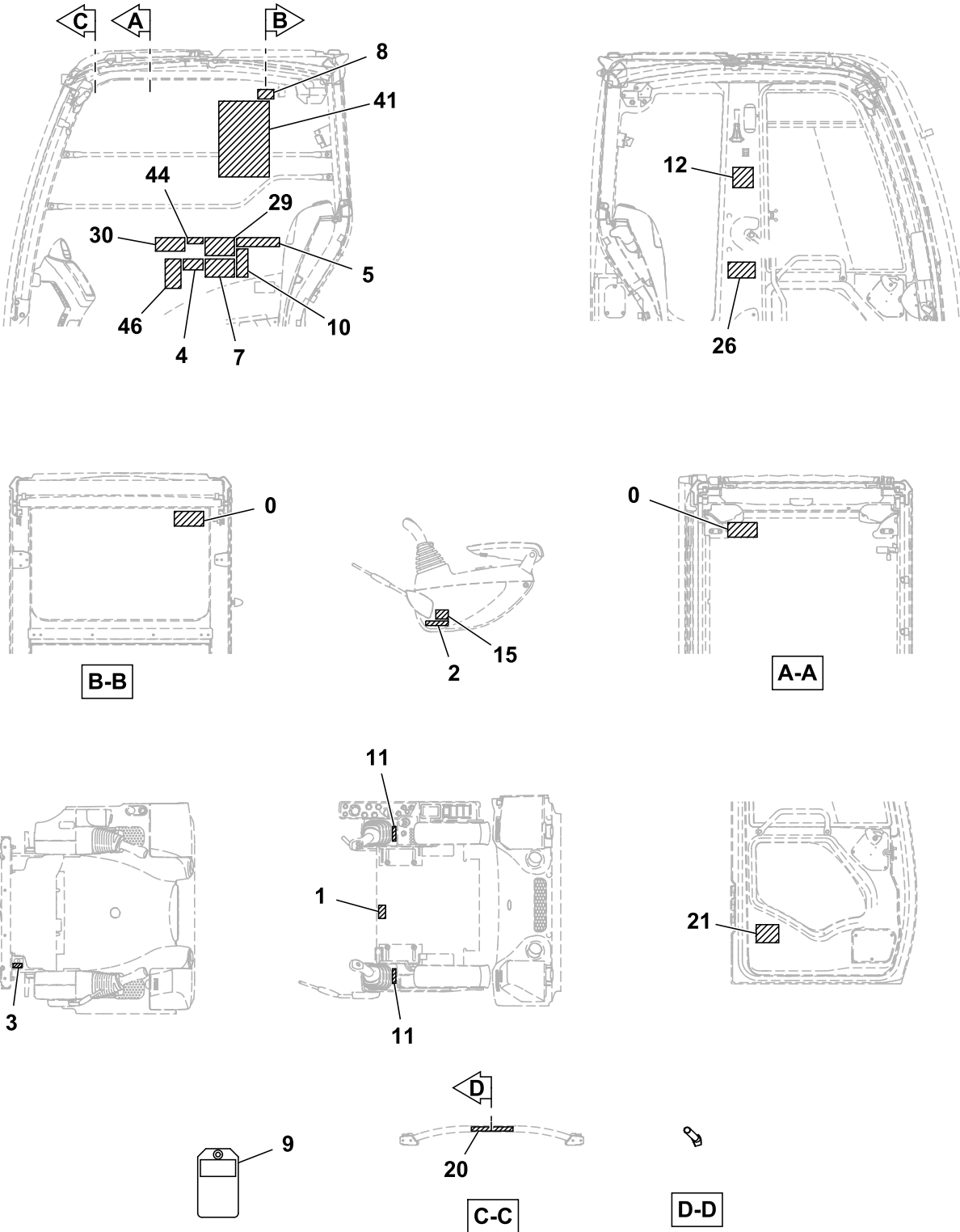
TX1210712

**13 Miscellaneous Vehicle  
1322 Labels & Trademarks**

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
2	4465472	Label	4		Don't Step
7	FYA00047659	Label	1		Lubrication
8	4371799	Label	1		Hydraulic Pump Damage
9	3077560	Label	1		Attention To Tank Cap
10	4223254	Label	1		Hydraulic Oil
11	3092350	Label	2		Falling Hazard
12	3092352	Label	1		Warning - Fan Guard
13	3068914	Label	1		Battery Fluid
17	4342227	Label	1		Hydraulic Oil Level
22	3092351	Label	1		Falling Hazard
26	FYA00008686	Label	2		Warning - Fan
28	FYA00034414	Label	1		Attention To Diesel Exhaust Fluid
29	FYA00044660	Label	1		Disconnect Switch
30	FYA00040733	Label	1		Belt Routing
41	4672520	Plate	1		Engine Oil Filter
42	4672521	Label	1		Attention: Fuel Filter
43	FYA00003993	Label	1		Attention: Engine Oil
44	FYA00004010	Label	1		Diesel Fuel Only
47	4630503	Label	1		Multiple Operation
48	4666312	Label	1		Attention - Pattern Changer

Labels And Decals (3 Of 3)

TX1210693 A.1



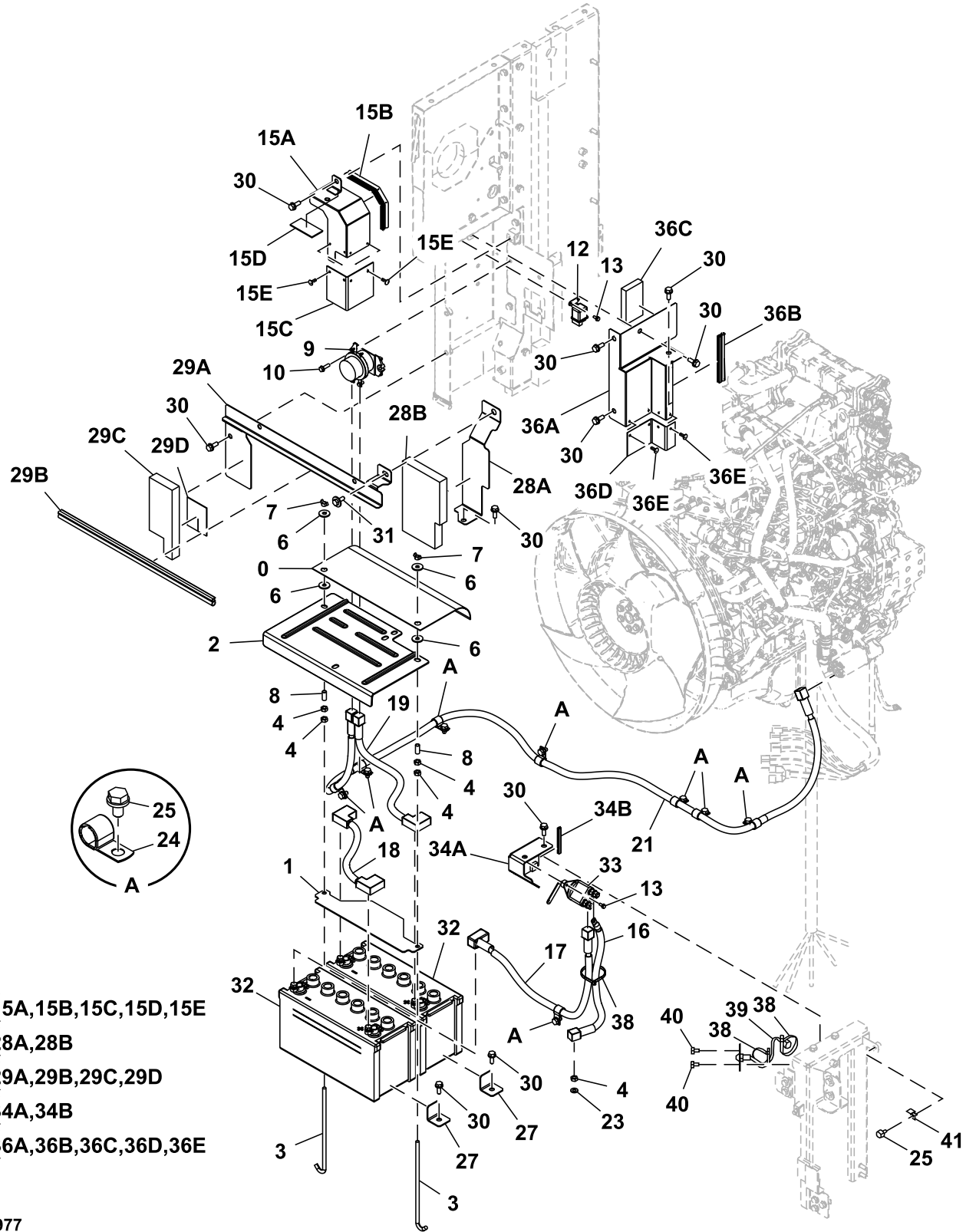
TX1210693

**13 Miscellaneous Vehicle  
1322 Labels & Trademarks**

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	4359076	Label	2		Emergency Exit
1	4371371	Label	1		Caution, Seat Tilt Lever
2	4299059	Label	1		Hydraulic Lockout
3	FYD00009506	Label	1		SUB FOR 4650142, Engine Stop
4	4420332	Safety Sign	1		Operator Manual
5	3076197	Label	1		Crushing Warning
7	T146667	Safety Sign	1		Caution, Electric Shock, SUB FOR 3075802
8	4371798	Label	1		Front Window Lock
9	3076175	Label	1		Danger, Do Not Start
10	T146097	Label	1		Seat Belt, SUB FOR 3088058
11	4380816	Label	1		Lever Operation, Right
	4380817	Label	1		Lever Operation, Left
12	T387695X19	Label	1		Secondary Exit, SUB FOR T190393 AND 4485649
15	4449508	Label	1		Coolant, 30° C 86° F
	4458256	Label	1		Coolant, 50° C 122° F
	4458260	Label	1		Coolant, 60° C 140° F
20	T223082	Safety Sign	1		Caution, Windshield Stay
21	4472845	Label	1		Arm Cylinder
26	4466525	Label	1		English, Caution for Washing Floor
29	3095835	Label	1		Attention to Rain Visor
30	4260602	Case	1		Multiple Operation
41	T380798	Label	1		Lift Chart, English
	T380800	Label	1		Lift Chart, French
	T380799	Label	1		Lift Chart, Spanish
44	4434732	Label	1		Control Pattern
46	T361676	Label	1		Regeneration, English
	T361673	Label	1		Regeneration, French
	T361674	Label	1		Regeneration, Spanish

Batteries, Support and Cables

TX1209977 C.1



- 15 — 15A,15B,15C,15D,15E
- 28 — 28A,28B
- 29 — 29A,29B,29C,29D
- 34 — 34A,34B
- 36 — 36A,36B,36C,36D,36E

TX1209977

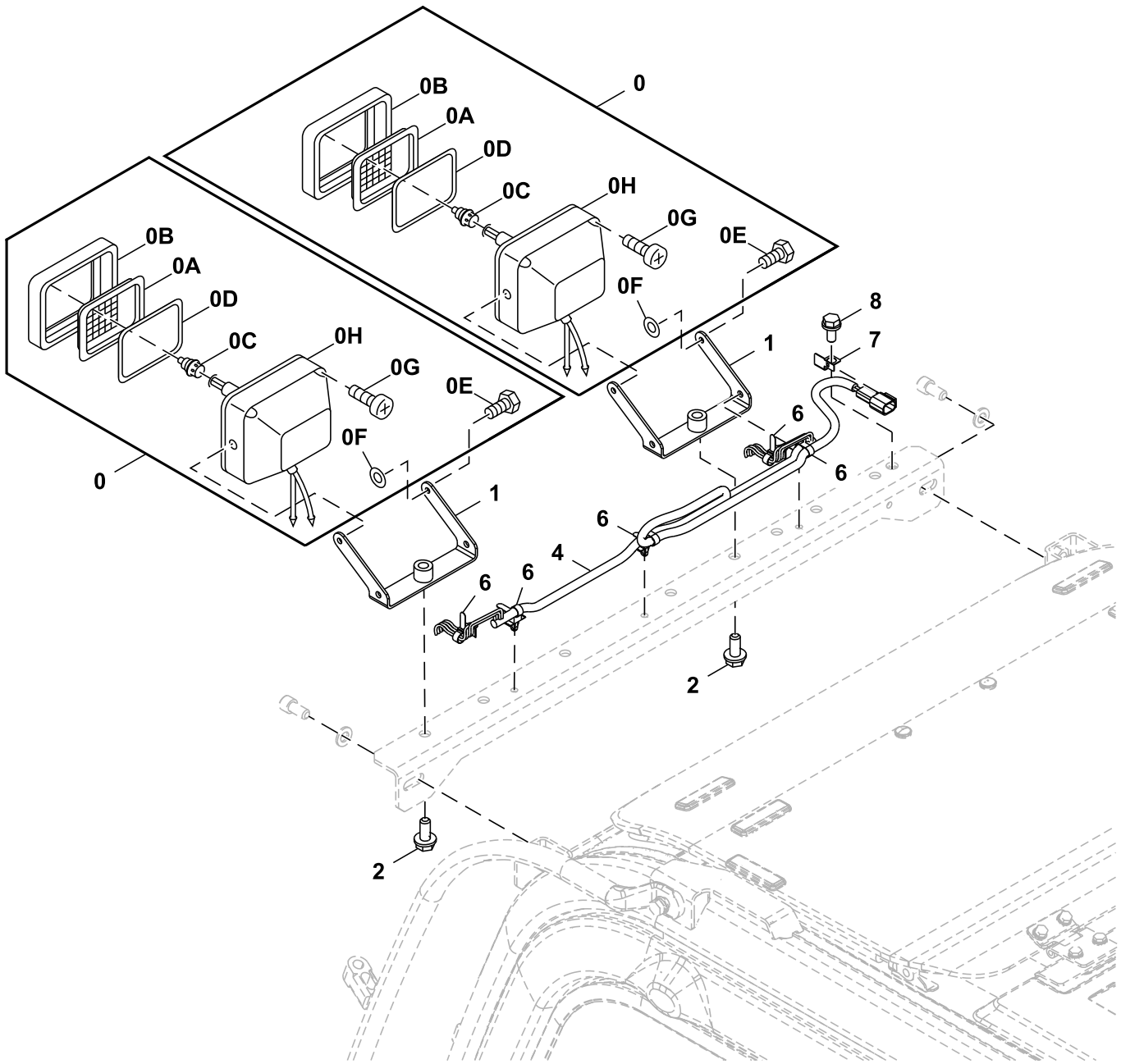
**16 Vehicle Electrical Systems  
1671 Batteries, Support & Cables**

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	4717204	Cover	1		
1	4716800	Bracket	1		
2	3106378	Cover	1		
3	4430289	Rod	2		
4	14M7274	Nut	5		M10, SUB FOR J950010
6	24M7101	Washer	4		11 X 34 X 3 mm, SUB FOR J217083
7	14M7025	Wing Nut	2		M10, SUB FOR M570010
8	4627469	Spacer	2		
9	4255762	Relay	1		Battery, SUB FOR 8943795431
10	.....	Screw With Washer	2		J260830 NLA
	19M7288	Cap Screw	2		M8 X 30, SUB FOR J900830
	24M7055	Washer	2		8.400 X 16 X 1.600 mm, SUB FOR A590108
13	.....	Screw With Washer	4		J260616 NLA
	19M7560	Cap Screw	4		M6 X 16, SUB FOR J900616
	24M7054	Washer	4		6.400 X 12 X 1.600 mm, SUB FOR A590106
15	FYA60040145	Cover	1		
15A	.....	Cover	1		FYA40026536 NLA
15B	4718061	Sealing Trim	1		
15C	FYA00039937	Plate	1		
15D	FYA00016183	Plate	1		
15E	4443487	Clip	4		
16	FYA00040569	Battery Cable	1		
17	FYA00040570	Battery Cable	1		
18	8944607061	Relay	1		Glow Plug Relay, SUB FOR 4654039
	4717272	Battery Cable	1		
19	4717273	Battery Cable	1		
21	FYA00002588	Battery Cable	1		
23	24M7028	Washer	1		10.500 X 20 X 2 mm, SUB FOR A590110
24	4190274	Clip	8		
25	.....	Screw With Washer	9		J271020 NLA
	19M7938	Cap Screw	9		M10 X 20, SUB FOR J901020
	24M7346	Washer	9		11 X 20 X 2 mm, SUB FOR J222010
27	4634964	Bracket	2		
28	FYA60036684	Cover	1		
28A	.....	Cover	1		FYA00024398 NLA
28B	FYA00039122	Isolator	1		
29	FYA60027367	Cover	1		
29A	.....	Cover	1		FYA40025224 NLA
29B	4704915	Seal	1		
29C	FYA00039121	Isolator	1		
29D	FYA00032096	Plate	1		
30	.....	Screw With Washer	11		J271030 NLA
	19M7662	Cap Screw	11		M10 X 30, SUB FOR J901030
	24M7346	Washer	11		11 X 20 X 2 mm, SUB FOR J222010
31	.....	Screw With Washer	1		J281030 NLA
	19M7662	Cap Screw	1		M10 X 30, SUB FOR J901030
	4486055	Washer	1		
32	TY25879	Dry Charged Battery	2		
33	FYA00005845	Switch	1		INCLUDES FYA00029403, Battery Disconnect
	FYA00029403	Lever	1		
34	FYA60040468	Bracket	1		
34A	.....	Bracket	1		FYA40025225 NLA
34B	FYA00018666	Isolator	1		
36	FYA60040144	Cover	1		
36A	.....	Cover	1		FYA40026535 NLA
36B	4667834	Sealing Trim	1		
36C	FXV00000999	Isolator	1		
36D	.....	Plate	1		FYA00044700 NLA
36E	4443487	Clip	4		
38	H77698	Tie Band	3		SUB FOR 4055312
39	FYA00058359	Lamp	1		SUB FOR FYA00046227
40	.....	Screw With Washer	2		J260816 NLA
	19M7162	Cap Screw	2		M8 X 16, SUB FOR J900816
	24M7055	Washer	2		8.400 X 16 X 1.600 mm, SUB FOR A590108
41	4259220	Clip	1		SUB FOR 4254600



Front Lights

TX1117393 B.1

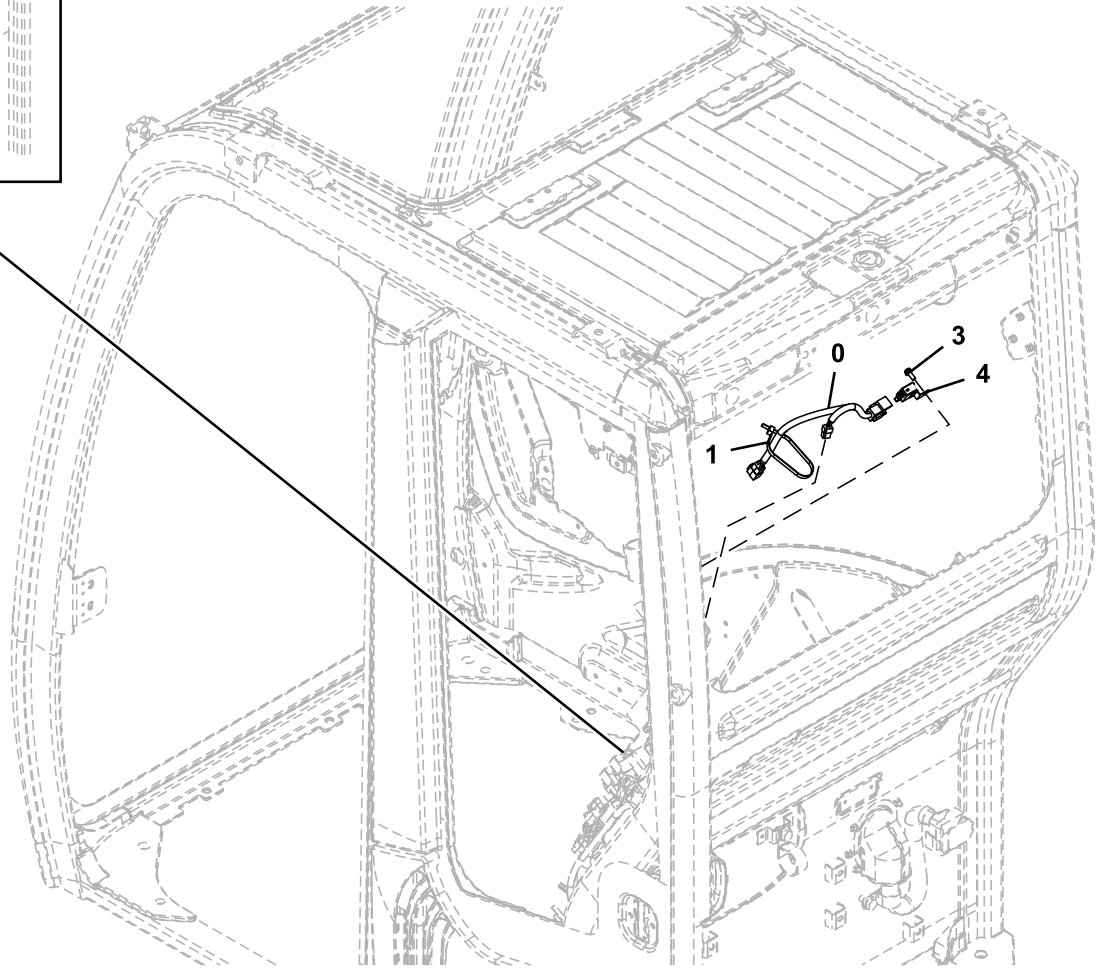
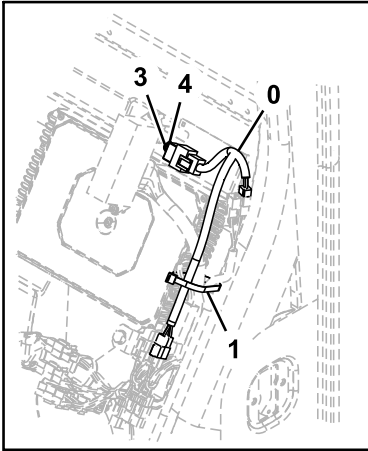


TX1117393

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	4274478	Headlight	2		
0A	4285646	Lens	1		
0B	4285647	Rim	1		
0C	AT135758	Bulb	1		24 V, SUB FOR 4285648
0D	4288342	Gasket	1		
0E	19M7560	Cap Screw	2		M6 X 16, SUB FOR J900616
0F	.....	Washer	2		NSEP
0G	.....	Screw	4		NSEP
0H	.....	Housing	1		NSEP
1	8104656	Bracket	2		
2	.....	Screw With Washer	2		J271230 NLA
	19M8011	Cap Screw	2		M12 X 30
	24M7346	Washer	2		11 X 20 X 2 mm
4	4652915	Wiring Harness	1		Front Lights
6	4259220	Clip	5		
7	4602634	Bracket	1		SUB FOR 4257159
8	.....	Screw With Washer	1		J271025 NLA
	19M7402	Cap Screw	1		M10 X 25, SUB FOR J901025
	24M7346	Washer	1		11 X 20 X 2 mm, SUB FOR J222010

Front Head Lights Wiring Harness

TX1115445 A.1

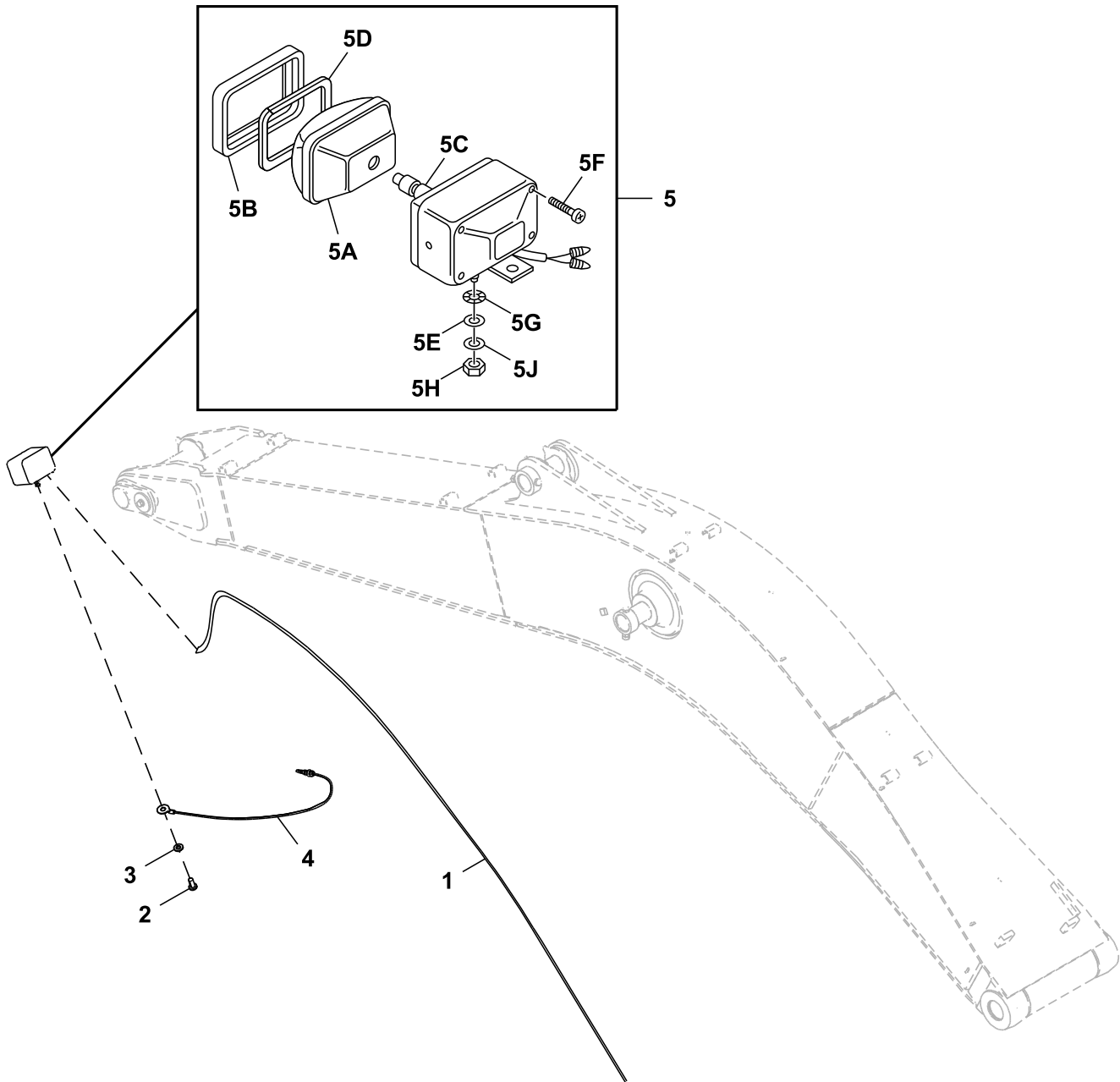


TX1115445

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	FYA00000291	Wiring Harness	1		Front Head Lights
1	H77698	Tie Band	1		SUB FOR 4055312
3	.....	Screw With Washer	1		J460616 NLA
	19M8425	Cap Screw	1		M6 X 16
	12M7006	Lock Washer	1		6 mm
	24M7293	Washer	1		6.500 X 13 X 1.600 mm
4	4414207	Relay	1		Front Head Lights

**Boom Work Light**

TX1089519 B.1

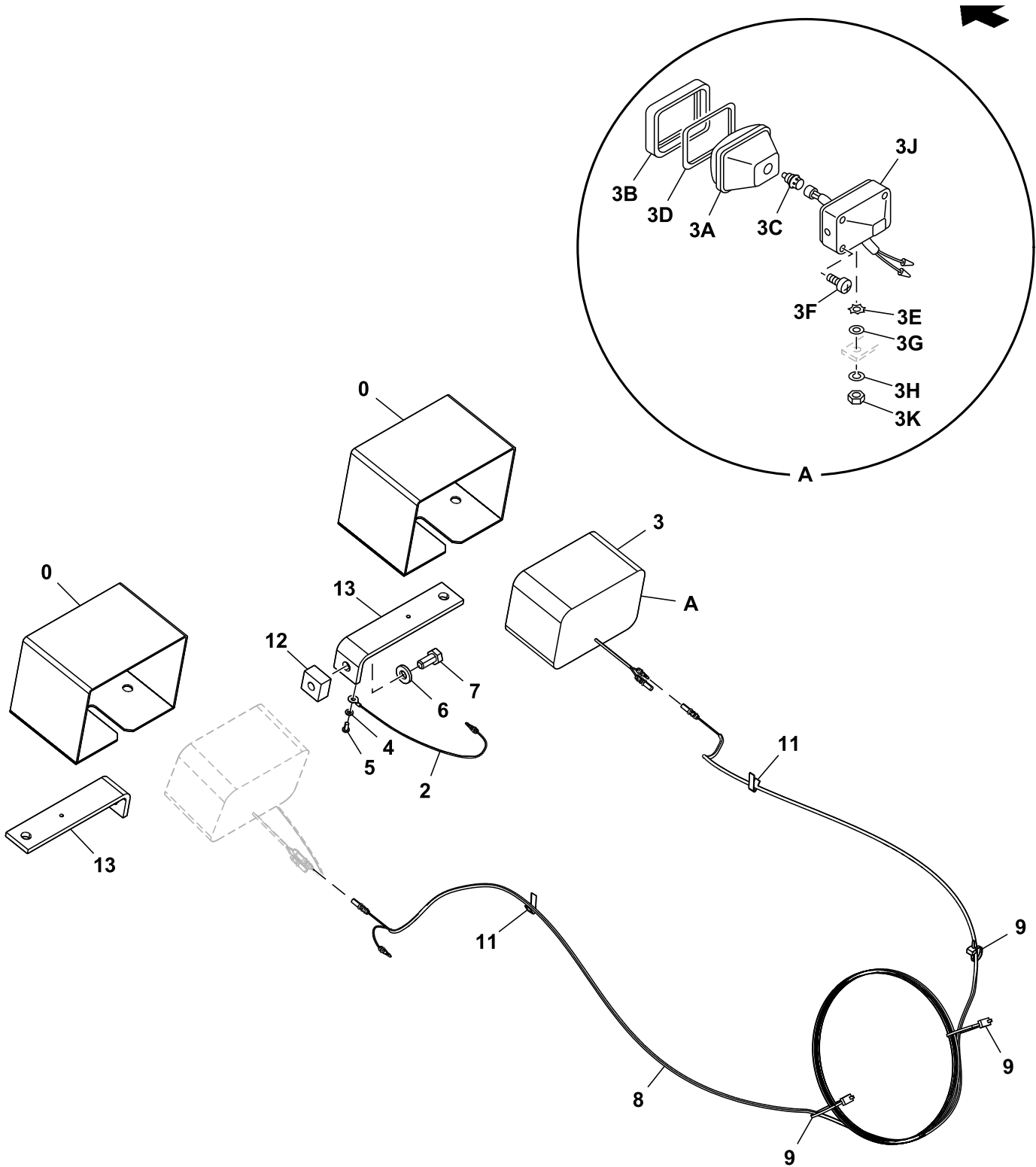


TX1089519

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
1	4447624	Wiring Harness	1		Boom, SUB FOR 4437513
2	21M7285	Screw	1		M6 X 12, SUB FOR M430613
3	12M7006	Lock Washer	1		6 mm, SUB FOR A590906
4	4254604	Wiring Harness	1		Boom Light
5	4326800	Lamp	1		SUB FOR 4336570
5A	4326801	Lens	1		
5B	4326802	Frame	1		
5C	AT135758	Bulb	1		SUB FOR AT274462, 24 V
5D	4326803	Gasket	1		
5E	4307026	Washer	1		
5F	37H19	Screw	4		SUB FOR 4307027
5G	24M7085	Washer	1		15 X 28 X 2.500 mm, SUB FOR A590114
5H	14M7345	Nut	1		M14, SUB FOR J952014
5J	12H317	Lock Washer	1		9/16", SUB FOR A590914

Boom Work Light and Wiring Harness with Light Cover, Right

TX1210465 C.1



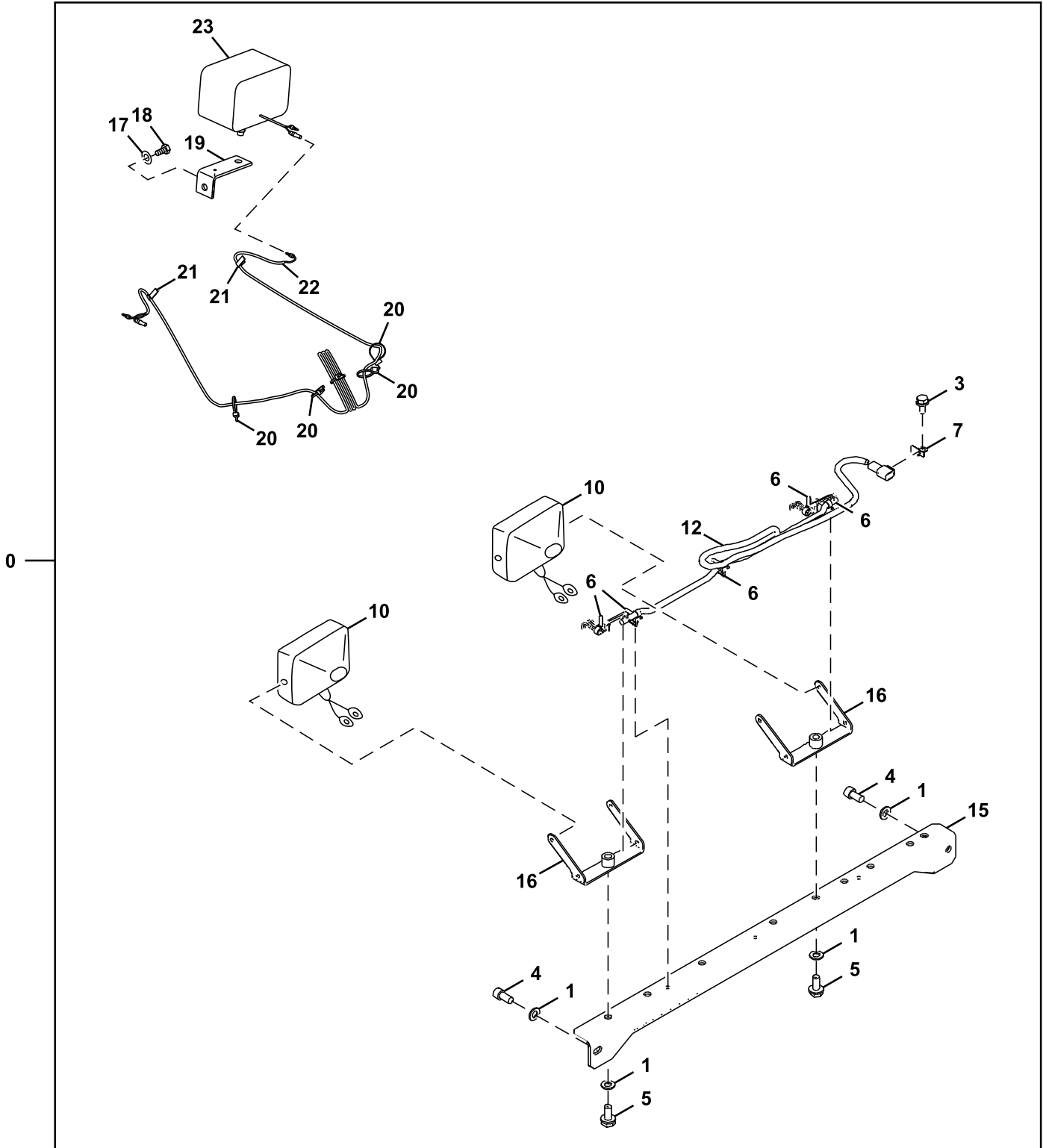
TX1210465

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	8091044	Cover	2		Boom Work Light
2	4254604	Wiring Harness	1		Boom Light Ground
3	4326800	Lamp	1		SUB FOR 4336570, Boom Work Light, Right
3A	4326801	Lens	1		
3B	4326802	Frame	1		
3C	AT135758	Bulb	1		24 V, 70 W, SUB FOR 4285648
3D	4326803	Gasket	1		
3E	4307026	Washer	1		
3F	37H19	Screw	4		SUB FOR 4307027
3G	24M7085	Washer	1		15 X 28 X 2.500 mm, SUB FOR A590114
3H	12H317	Lock Washer	1		9/16", SUB FOR A590914
3K	14M7345	Nut	1		M14, SUB FOR J952014
4	12M7006	Lock Washer	1		6 mm, SUB FOR A590906
5	21M7285	Screw	1		M6 X 12, SUB FOR M430613
6	J222014	Washer	1		
7	19M7877	Cap Screw	1		M14 X 30, SUB FOR J901430
8	4344125	Wiring Harness	1		Boom Light
9	H77698	Tie Band	4		SUB FOR 4055311
11	4272256	Clip	2		
12	4644727	Weld Nut	1		
13	4602796	Bracket	2		



Cab Roof and Boom Halogen Light Kit

TX1110918 A.1

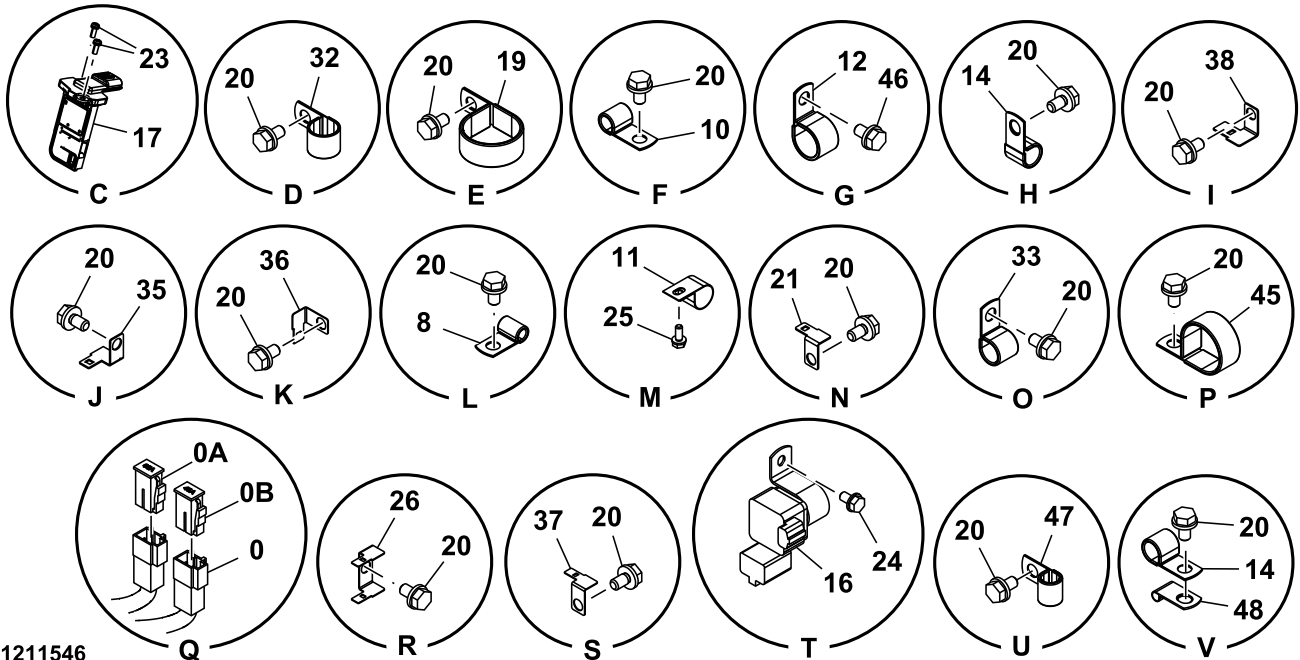
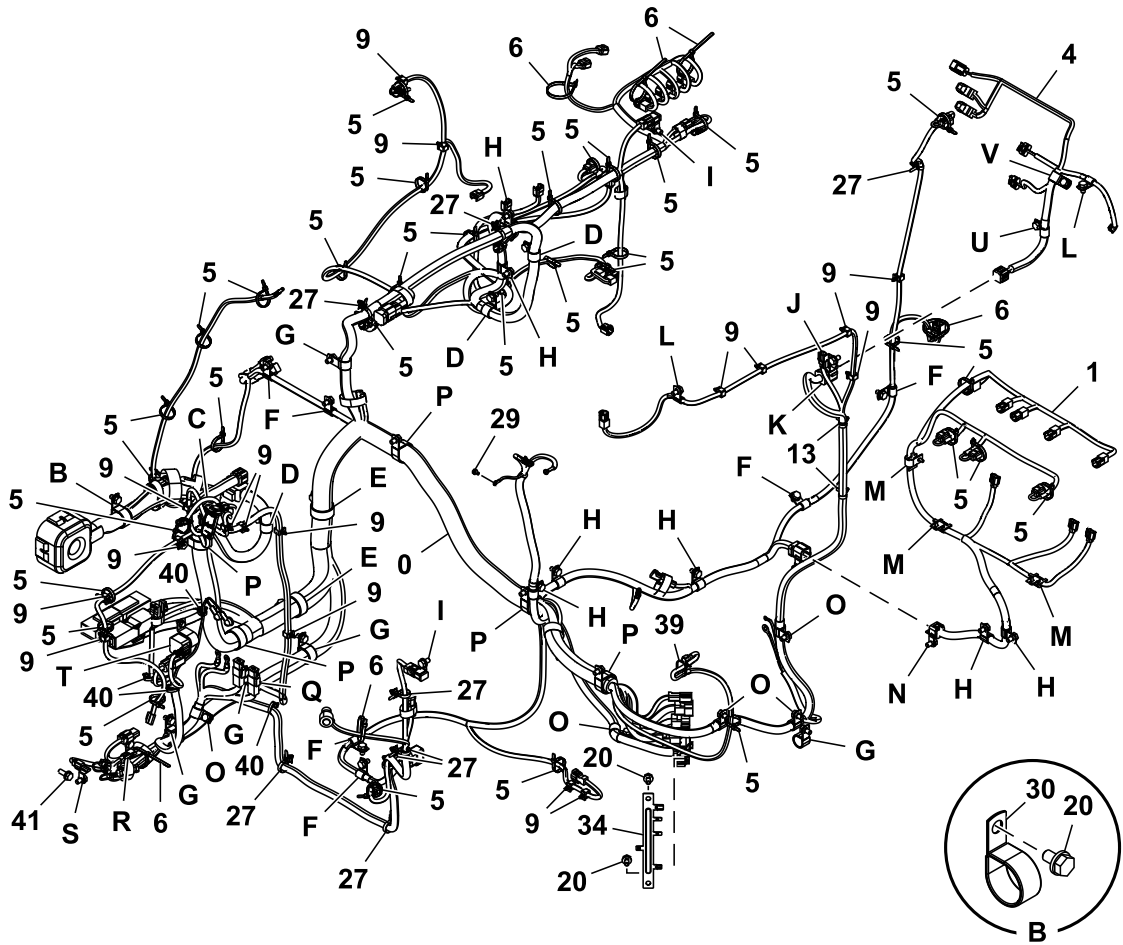


TX1110918

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	<b>AT396663</b>	<b>Light Kit</b>	<b>1</b>		<b>Whole Goods</b>
1	24M7047	Washer	4		13 X 24 X 2.500 mm, SUB FOR A590112
3	19M7402	Cap Screw	1		M10 X 25, SUB FOR J901025
4	J781225	Bolt	2		
5	19M8011	Cap Screw	2		M12 X 30, SUB FOR J901230
6	4259220	Clip	5		
7	4257159	Bracket	1		
10	4274478	Headlight	2		Components On Separate Page
12	4652915	Wiring Harness	1		Cab Roof Lights Wiring Harness
15	7054613	Bracket	1		
16	8104656	Bracket	2		
17	J222014	Washer	1		
18	19M7877	Cap Screw	1		M14 X 30, SUB FOR J901430
19	4224631	Angle	1		
20	H77698	Tie Band	6		SUB FOR 4055311
21	4272256	Clip	2		
22	4344125	Wiring Harness	1		Boom Light Wiring Harness
23	4326800	Lamp	1		Components On Separate Page, SUB FOR 4336570

Machine Wiring Harness

TX1211546 B.1



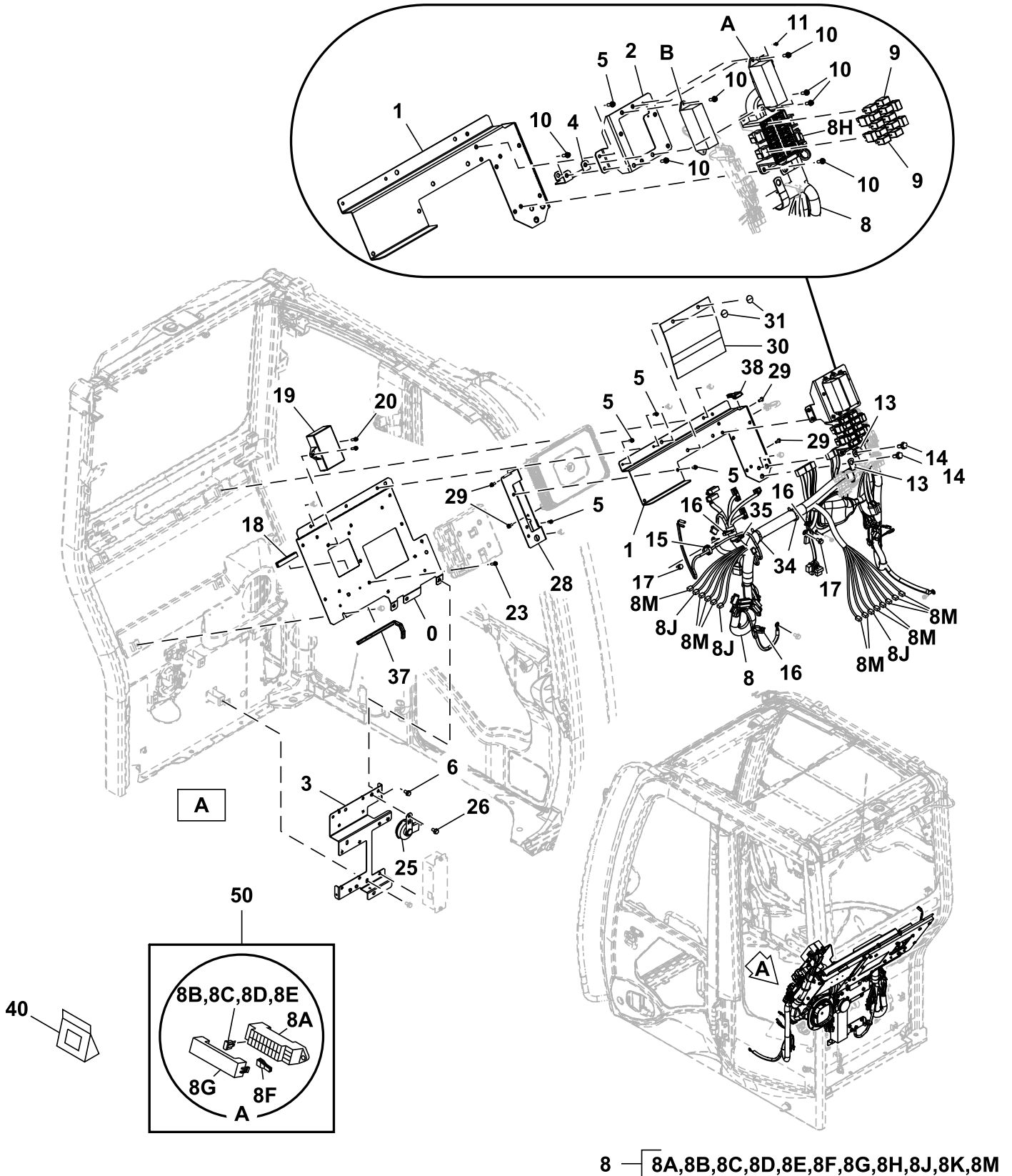
TX1211546

**16 Vehicle Electrical Systems**  
**1674 Wiring Harness & Switches**

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	FYA00046847	Wiring Harness	1	-700094	Main Harness, INCLUDES 4315323 AND 4423418
	FYA00055328	Wiring Harness	1	700095-700338	Main Harness, INCLUDES 4315323 AND 4423418
	FYA00059977	Wiring Harness	1	700339-	Main Harness, INCLUDES 4315323 AND 4423418
	4315323	Fuse	1		45A
	4423418	Fuse	1		65A
1	FYA00028170	Wiring Harness	1		Pump
4	FYA00044403	Wiring Harness	1		Selective Catalytic Reduction (SCR)
5	H77698	Tie Band	33		SUB FOR 4055311
6	H77698	Tie Band	6		SUB FOR 4055312
8	4190275	Clamp	2		SUB FOR 4190261
9	4449250	Clip	17		
10	4190275	Clamp	6		
11	4450494	Clip	3		
12	XCL-19	Hose Clamp	1		SUB FOR 4192035
13	4254600	Clip	2		
14	T28949	Clamp	8		SUB FOR 4190273
16	8980056311	Relay	1		Starter Safety, SUB FOR 4681233
17	4664861	Sensor	1		Mass Air Flow, SUB FOR 8976019670
19	N198631	Clamp	2		SUB FOR 4190265
20	.....	Screw With Washer	47		J271020 NLA
	19M7938	Cap Screw	47		M10 X 20, SUB FOR J901020
	24M7346	Washer	47		11 X 20 X 2 mm, SUB FOR J222010
21	4418301	Bracket	1		
23	19M7598	Cap Screw	2		M4 X 10, SUB FOR J450410
24	.....	Screw With Washer	2		J260816 NLA
	19M7162	Cap Screw	2		M8 X 16, SUB FOR J900816
	24M7055	Washer	2		8.400 X 16 X 1.600 mm, SUB FOR A590108
25	.....	Screw With Washer	3		J260616 NLA
	19M7560	Cap Screw	3		M6 X 16, SUB FOR J900616
	24M7054	Washer	3		6.400 X 12 X 1.600 mm, SUB FOR A590106
26	4602634	Bracket	1		
27	4259220	Clip	8		
29	.....	Screw With Washer	1		J260612 NLA
	19M6614	Cap Screw	1		M6 X 12, SUB FOR J900612
	24M7054	Washer	1		6.400 X 12 X 1.600 mm, SUB FOR A590106
30	4193848	Clip	1		SUB FOR 4190291
32	4190263	Clip	4		
33	4190274	Clip	5		
34	3118721	Bracket	1		
35	FYD00001091	Bracket	1		SUB FOR 4662448
36	FYA00006821	Bracket	1		
37	4336875	Bracket	1		
38	4355515	Bracket	2		
39	4654945	Clip	1		
40	4692542	Clip	4		
41	.....	Screw With Washer	1		J271030 NLA
	19M7662	Cap Screw	1		M10 X 30, SUB FOR J901030
	24M7346	Washer	1		11 X 20 X 2 mm, SUB FOR J222010
45	4193848	Clip	5		
46	4193848	Clip	3		SUB FOR 4190264
47	4190253	Clip	1		
48	T30367	Clamp	1		SUB FOR 4190271

Cab Wiring Harness

TX1211234 D.1

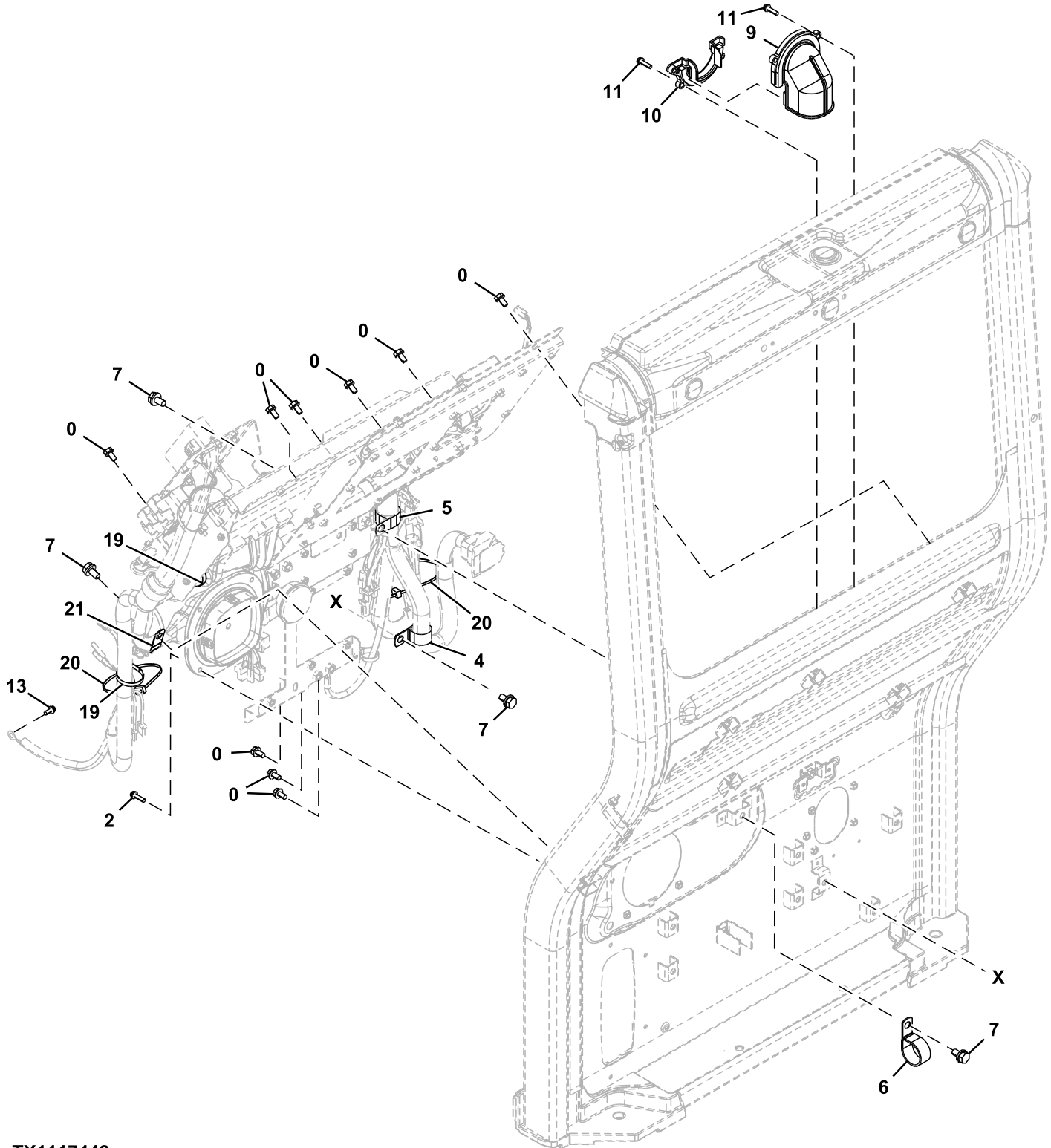


TX1211234

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	7059115	Bracket	1		
1	7059116	Bracket	1		
2	FYA40018403	Bracket	1		
3	7059100	Bracket	1		
4	8122498	Bracket	1		
5	.....	Screw With Washer	6		J460616 NLA
	12M7006	Lock Washer	6		6 mm
	19M8425	Cap Screw	6		M6 X 16
	24M7293	Washer	6		6.500 X 13 X 1.600 mm
6	.....	Screw With Washer	2		J260816 NLA
	19M7162	Cap Screw	2		M8 X 16, SUB FOR J900816
	24M7055	Washer	2		8.400 X 16 X 1.600 mm, SUB FOR A590108
8	FYA00031283	Wiring Harness	1		Cab
8A	4460037	Fuse Box	2		SUB FOR 4456735
8B	57M7688	Fuse	13		SUB FOR 4428910, 5A
8C	57M7689	Fuse	14		SUB FOR 4428911, 10A
8D	57M7691	Fuse	5		SUB FOR 4436736, 20A
8E	57M8163	Fuse	1		SUB FOR 4639136, 30A
8F	4436737	Puller	2		
8G	FYA00001346	Cover	1		
8H	4427429	Circuit Box	1		
8J	4611526	Diode	3		1.5A
8K	FYA00007354	Cover	1		
8M	4456778	Diode	11		3A
9	4436534	Relay	14		Pilot Levers Multifunction
10	.....	Screw With Washer	9		J460620 NLA
	12M7006	Lock Washer	9		6 mm
	21M7267	Screw	9		M6 X 20
	24M7293	Washer	9		6.500 X 13 X 1.600 mm
11	.....	Screw With Washer	1		J460310 NLA
	12H233	Lock Washer	1		1/8"
	21M7394	Screw	1		M3 X 10
	24H1914	Washer	1		1/8" X 5/16" X 0.032"
13	4193848	Clip	2		SUB FOR 4190291
14	.....	Screw With Washer	2		J271030 NLA
	19M7662	Cap Screw	2		M10 X 30, SUB FOR J901030
	24M7346	Washer	2		11 X 20 X 2 mm, SUB FOR J222010
15	4654654	Clip	1		
16	4692542	Clip	3		
17	.....	Screw With Washer	2		J260816 NLA
	19M7162	Cap Screw	2		M8 X 16, SUB FOR J900816
	24M7055	Washer	2		8.400 X 16 X 1.600 mm, SUB FOR A590108
18	4649377	Isolator	1		
19	4707468	Control	1		Machine Controller (BCZ)
20	J460625	Screw With Washer	2		
23	J460625	Screw With Washer	4		
25	4719528	Horn	1		SUB FOR 4703330
26	.....	Screw With Washer	1		J260816 NLA
	19M7162	Cap Screw	1		M8 X 16, SUB FOR J900816
	24M7055	Washer	1		8.400 X 16 X 1.600 mm, SUB FOR A590108
28	8122572	Bracket	1		
29	.....	Screw With Washer	4		J460616 NLA
	12M7066	Lock Washer	4		10 mm
	19M8425	Cap Screw	4		M6 X 16
	24M7293	Washer	4		6.500 X 13 X 1.600 mm
30	4716383	Isolator	1		
31	4651218	Clip	2		
34	4254600	Clip	2		
35	H77698	Tie Band	1		SUB FOR 4055312
37	4663490	Weatherstrip	1		
38	4651835	Isolator	1		
40	4369817	Electrical Connector Assy	1		
50	4460037	Fuse Box	1		

Cab Wiring Harness Mounting

TX1117442 A.1



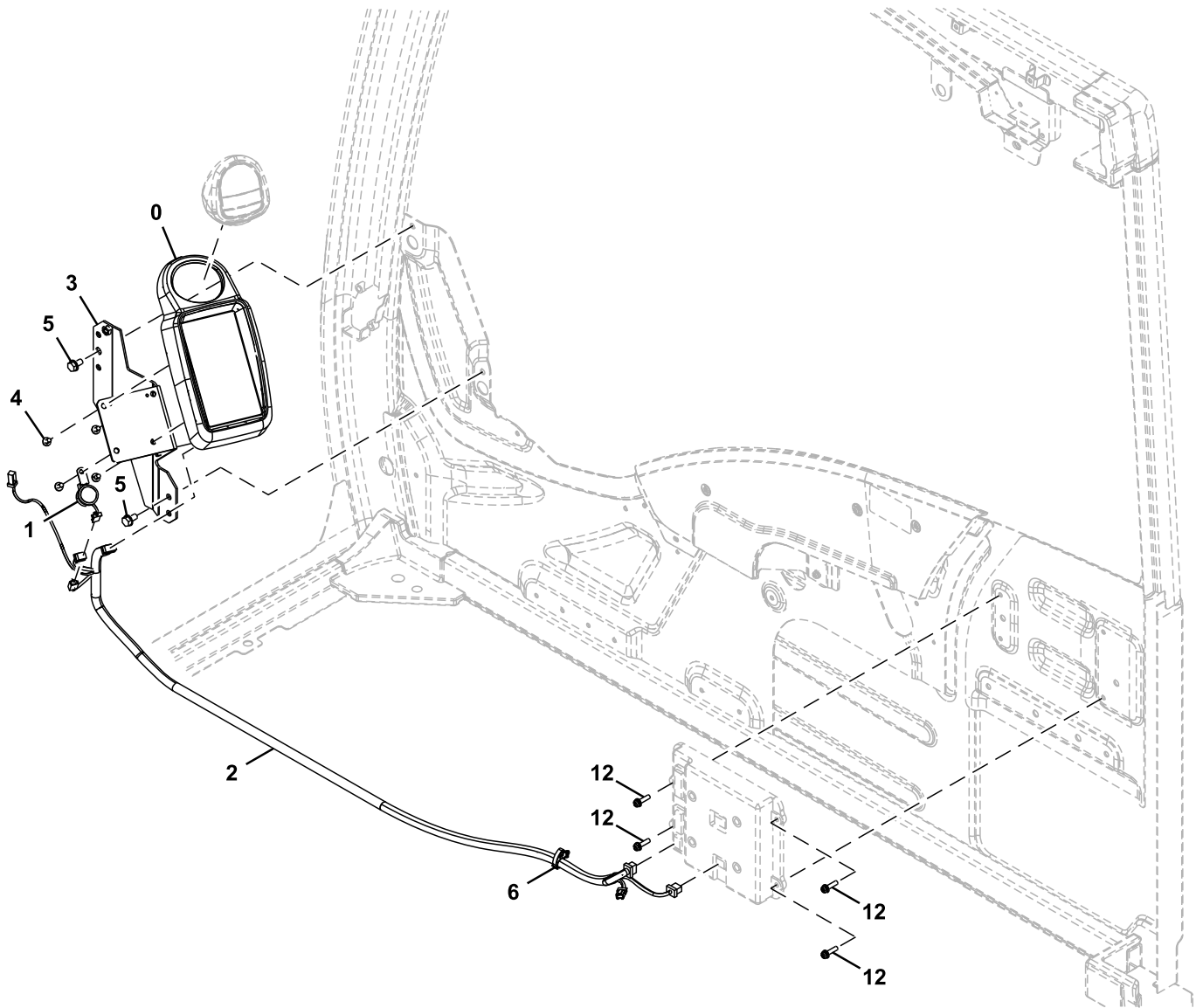
TX1117442

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	..... 19M7162	Screw With Washer	9		J260816 NLA
	24M7055	Cap Screw	9		M8 X 16
		Washer	9		8.400 X 16 X 1.600 mm
2	J460625	Screw With Washer	4		
4	XCL-19	Hose Clamp	1		SUB FOR 4192035
5	4190291	Clip	1		SUB FOR 4190264
6	4190291	Clip	1		
7	..... 19M7938	Screw With Washer	4		J271020 NLA
		Cap Screw	4		M10 X 20, SUB FOR J901020
	24M7346	Washer	4		11 X 20 X 2 mm, SUB FOR J222010
9	7058387	Cover	1		
10	7058388	Cover	1		
11	J460625	Screw With Washer	5		
13	..... 19M8425	Screw With Washer	1		J460616 NLA
		Cap Screw	1		M6 X 16
	12M7006	Lock Washer	1		6 mm
	24M7293	Washer	1		6.500 X 13 X 1.600 mm
19	H77698	Tie Band	3		SUB FOR 4055312
20	H77698	Tie Band	2		SUB FOR 4323613
21	T28949	Clamp	1		SUB FOR 4190274



Monitor and Monitor Wiring Harness

TX1146853 A.1

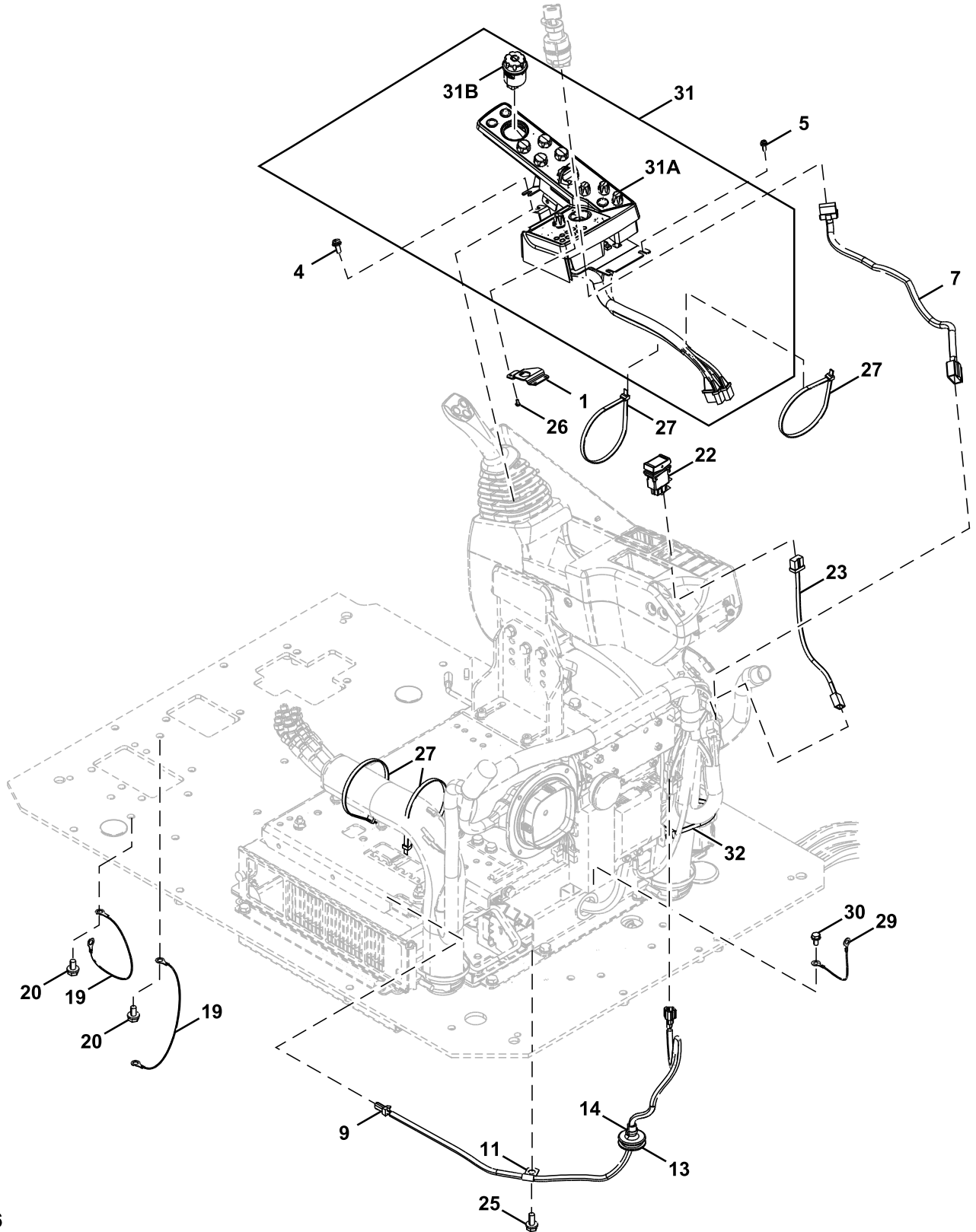


TX1146853

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	FYA00001076	Monitor	1		
1	4297188	Travel Warning Alarm	1		
2	4708451	Wiring Harness	1		Monitor
3	7057403	Bracket	1		
4	.....	Screw With Washer	4		J680616 NLA
	21M7577	Socket Head Screw	4		M6 X 16
	12M7006	Lock Washer	4		6 mm
	24M7054	Washer	4		6.400 X 12 X 1.600 mm
5	.....	Screw With Washer	2		J260816 NLA.
	19M7162	Cap Screw	2		M8 X 16, SUB FOR J900816
	24M7055	Washer	2		8.400 X 16 X 1.600 mm, SUB FOR A590108
6	4692542	Clip	1		
12	.....	Screw With Washer	4		J460625 NLA
	12M7006	Lock Washer	4		6 mm
	24M7054	Washer	4		6.400 X 12 X 1.600 mm
	21M7159	Screw	4		M6 X 25

Engine Control Console

TX1117106 B.2



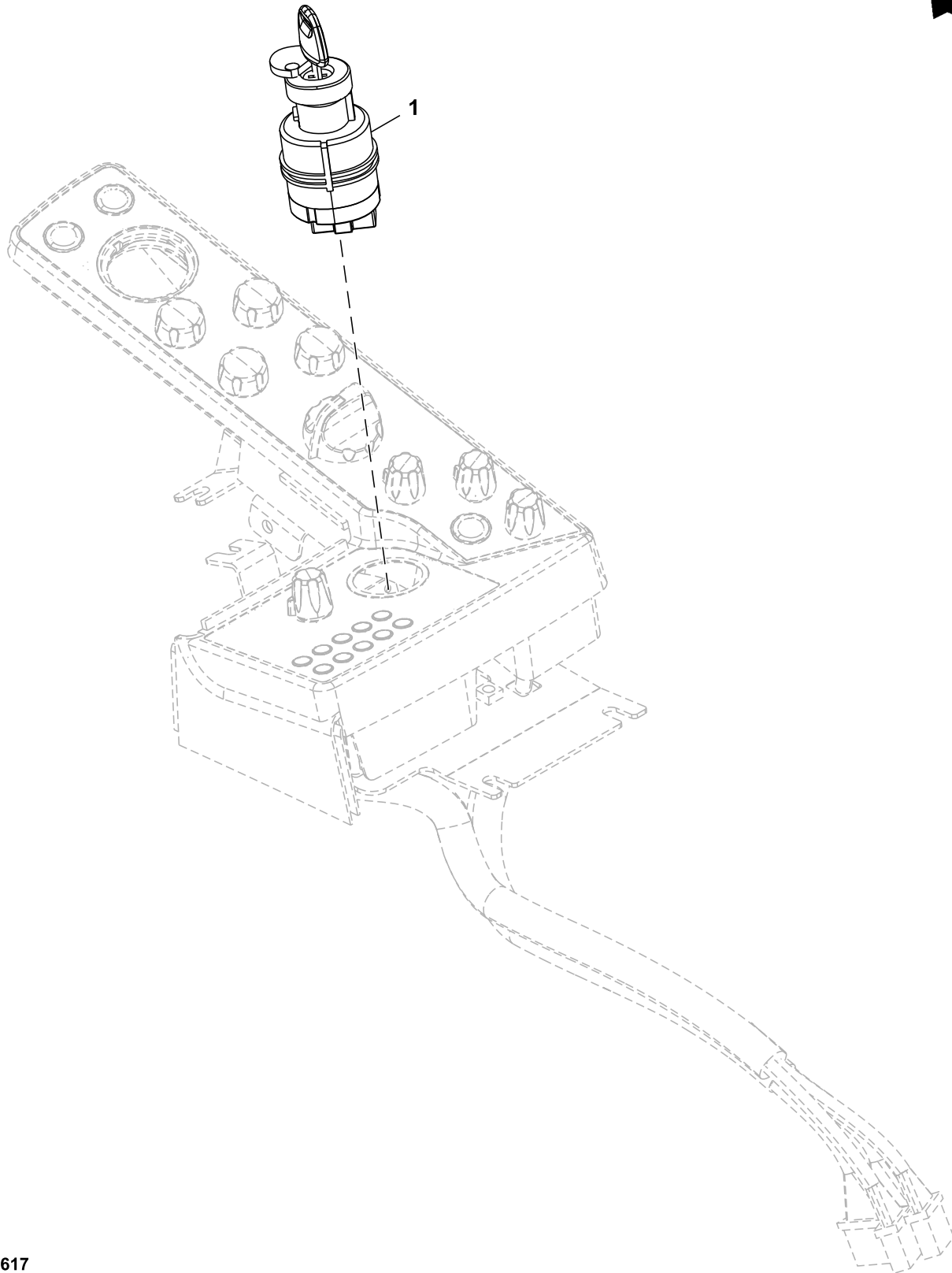
TX1117106

**16 Vehicle Electrical Systems**  
**1674 Wiring Harness & Switches**

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
1	3117588	Bracket	1		
4	.....	Screw With Washer	1		J460820 NLA
	21M7089	Screw	1		M8 X 20
	12M7065	Lock Washer	1		8 mm
	24M7036	Washer	1		9 X 16 X 1.600 mm
5	.....	Screw With Washer	1		J460616 NLA
	19M8425	Cap Screw	1		M6 X 16
	12M7006	Lock Washer	1		6 mm
	24M7293	Washer	1		6.500 X 13 X 1.600 mm
7	4708537	Wiring Harness	1		Starter Switch
9	4630572	Wiring Harness	1		Pilot Shutoff
11	4190275	Clamp	1		SUB FOR 4190261
13	4638604	Isolator	1		
14	H77698	Tie Band	1		SUB FOR 4055311
19	4464075	Ground Cable	2		
20	.....	Screw With Washer	2		J271020 NLA
	19M7938	Cap Screw	2		M10 X 20, SUB FOR J901020
	24M7346	Washer	2		11 X 20 X 2 mm, SUB FOR J222010
22	FYA00003369	Switch	1		Exhaust Filter Cleaning
23	FYA00003944	Wiring Harness	1		Exhaust Filter Parked Cleaning Switch
25	.....	Screw With Washer	1		J271025 NLA
	19M7402	Cap Screw	1		M10 X 25, J271025 NLA
	24M7346	Washer	1		11 X 20 X 2 mm
26	.....	Screw With Washer	3		J460410 NLA
	21M7396	Screw	3		M4 X 10
	12H315	Lock Washer	3		0.164"
	24M7117	Washer	3		4.300 X 9 X 0.800 mm
27	H77698	Tie Band	4		SUB FOR 4121859
29	4698574	Wiring Harness	1		Ground
30	.....	Screw With Washer	1		J260816 NLA
	19M7162	Cap Screw	1		M8 X 16
	24M7055	Washer	1		8.400 X 16 X 1.600 mm
31	FYA60027216	Box	1		Switch Panel Assembly
31A	FYA00031829	Switch	1		Switch Panel, Does Not Include Monitor Dial
	FYA00026807	Knob	1		Temperature Control (AC)
	FYA00026807	Knob	1		Radio
	FYA00026806	Knob	1		Auto Idle
	FYA00026806	Knob	1		Travel Speed
	FYA00026806	Knob	1		Work Lights
	FYA00026806	Knob	1		Windshield Wipers
	FYA00026804	Knob	1		Throttle Dial
31B	4705919	Switch	1		Monitor Dial
32	H77698	Tie Band	1		SUB FOR 4121859

Key Start Switch

TX1088617 C.1



TX1080617

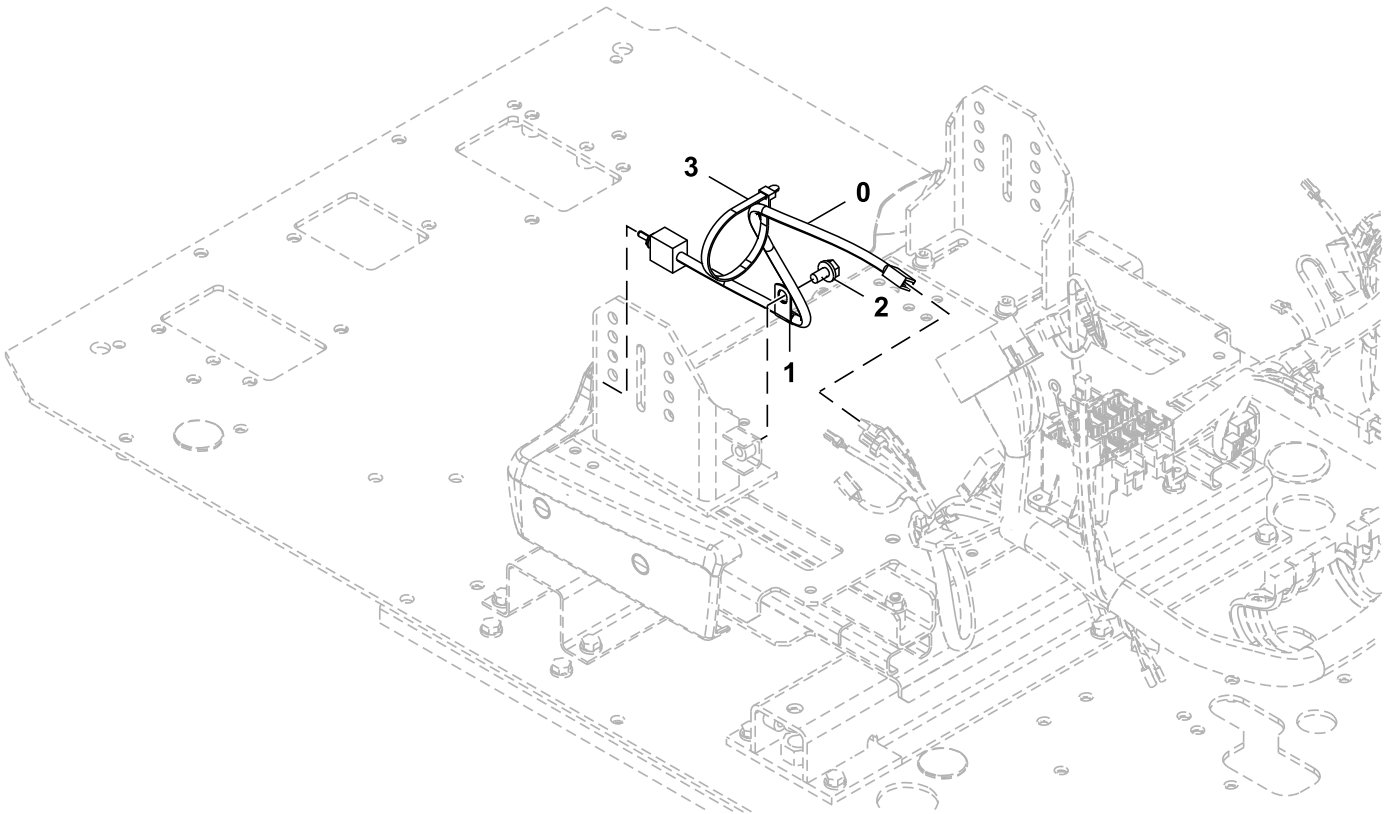
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<i>Key</i>	<i>Part No.</i>	<i>Part Name</i>	<i>Qty.</i>	<i>Serial No.</i>	<i>Remarks</i>
1	4477373	Switch	1		INCLUDES 4286465R, Start Switch
	4286465R	Key	1		Hitachi

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Engine Stop Switch

TX1116886 B.1



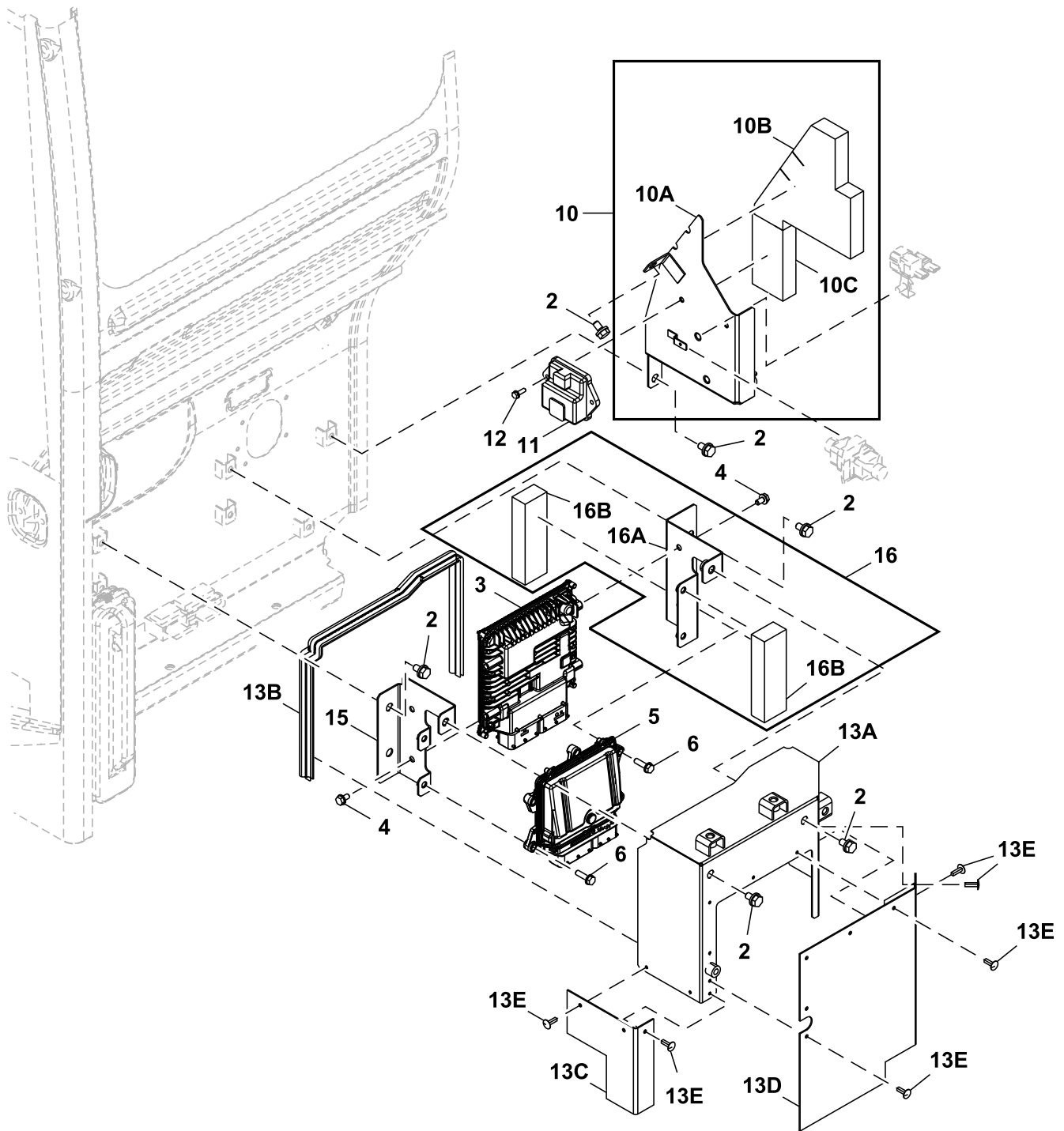
TX1116886

<i>Key</i>	<i>Part No.</i>	<i>Part Name</i>	<i>Qty.</i>	<i>Serial No.</i>	<i>Remarks</i>
0	4618409	Switch	1		Engine Stop
1	4190275	Clamp	1		SUB FOR 4190261
2	.....	Screw With Washer	1		J271020 NLA, ORDER 24M7346 AND 19M7938
	24M7346	Washer	1		11 X 20 X 2 mm, SUB FOR J222010
	19M7938	Cap Screw	1		M10 X 20, SUB FOR J901020
3	H77698	Tie Band	1		SUB FOR 4121859



Engine Control Unit (ECU)

TX1211626 A.1



TX1211626

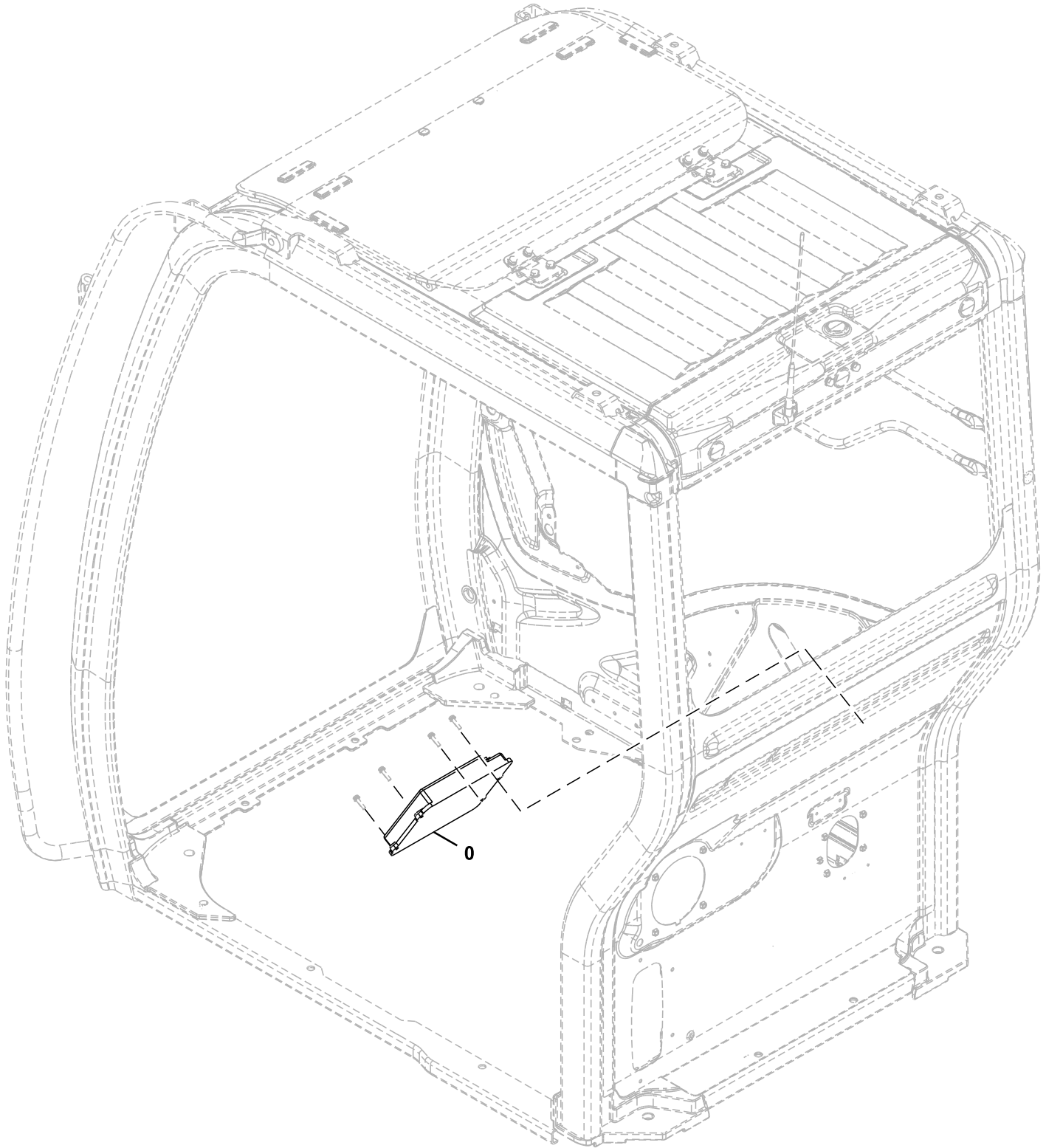
13 — 13A, 13B, 13C, 13D, 13E

**16 Vehicle Electrical Systems**  
**1675 System Controls**

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
2	..... 19M7938 24M7346	Screw With Washer Cap Screw Washer	8 8 8		J271020 NLA M10 X 20, SUB FOR J901020 11 X 20 X 2 mm, SUB FOR J222010
3	8983257960	Engine Controller	1		ECU, SUB FOR FYA00046940
4	..... 19M7162	Screw With Washer Cap Screw	4 4		J260816 NLA M8 X 16, SUB FOR J900816
5	24M7055 FYA00046943	Washer Engine Controller	4 1		8.400 X 16 X 1.600 mm, SUB FOR A590108 Dosing Control Unit
6	..... 19M7288 24M7055	Screw With Washer Cap Screw Washer	4 4 4		J260830 NLA M8 X 30, SUB FOR J900830 8.400 X 16 X 1.600 mm, SUB FOR A590108
10	FYA60038668	Cover	1		
10A	.....	Cover	1		FYA40024157 NLA
10B	FYA00041104	Isolator	1		
10C	FXV00001047	Seal	1		
11	8981331241	Control	1		Turbocharger, SUB FOR 4664909
12	..... 19M7077	Screw With Washer Cap Screw	2 2		J260620 NLA M6 X 20, SUB FOR J900620
13	24M7054 FYA60045724	Washer Cover	2 1		6.400 X 12 X 1.600 mm, SUB FOR A590106
13A	.....	Cover	1		FYA40031342 NLA
13B	4659629	Sealing Trim	1		
13C	FYA00048712	Plate	1		
13D	FYA00048713	Plate	1		
13E	4443487	Clip	11		
15	FYA40031340	Bracket	1		
16	FYA60045723	Bracket	1		
16A	.....	Bracket	1		FYA40031341 NLA
16B	FXV00002869	Seal	2		

**Monitor Controller (DSZ)**

TX1115963 A.1



**TX1115963**

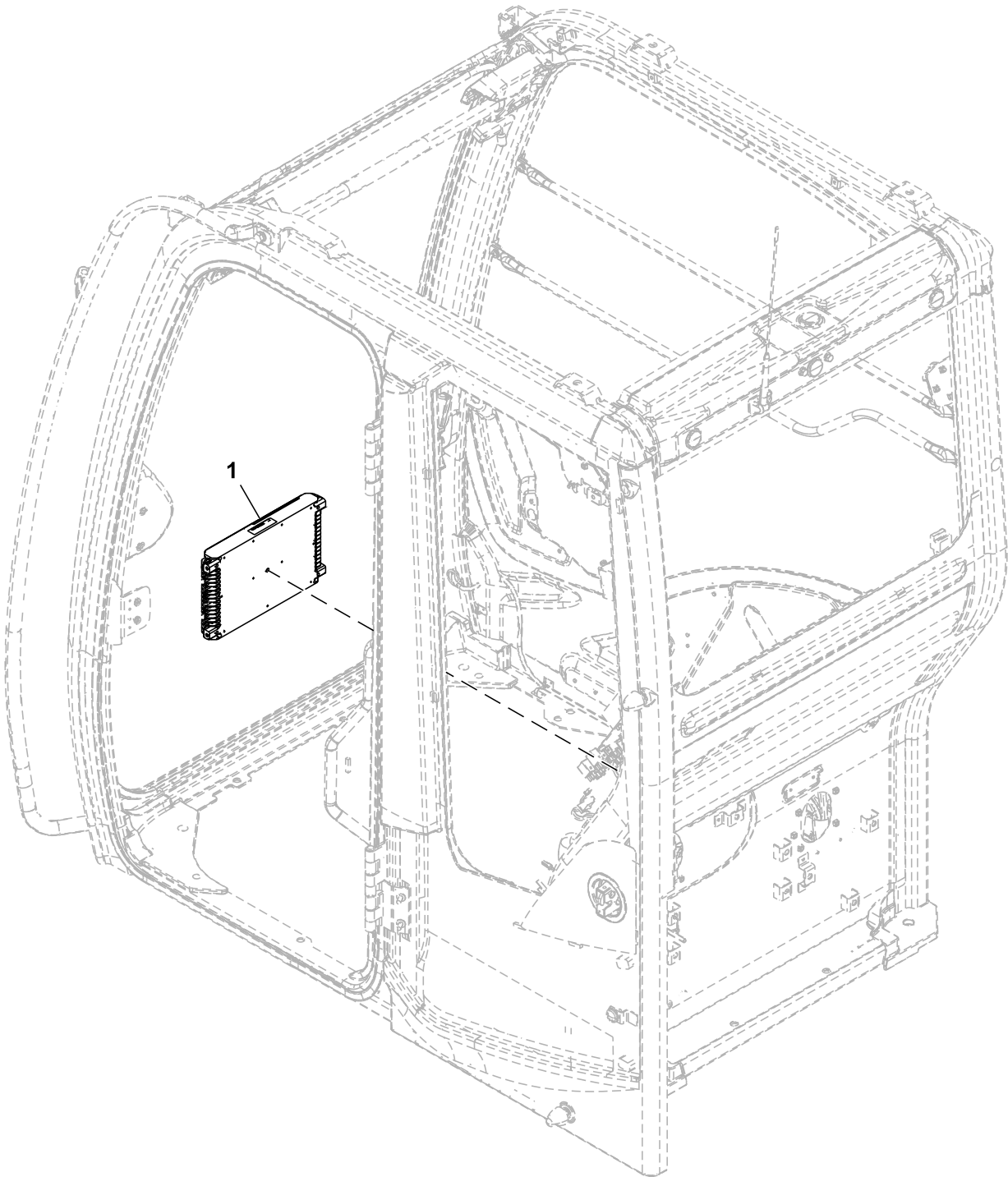
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<i>Key</i>	<i>Part No.</i>	<i>Part Name</i>	<i>Qty.</i>	<i>Serial No.</i>	<i>Remarks</i>
0	FYA00046861	Control	1		Monitor Controller (DSZ)

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**Main Controller (MCZ)**

TX1211792 A.1



TX1211792

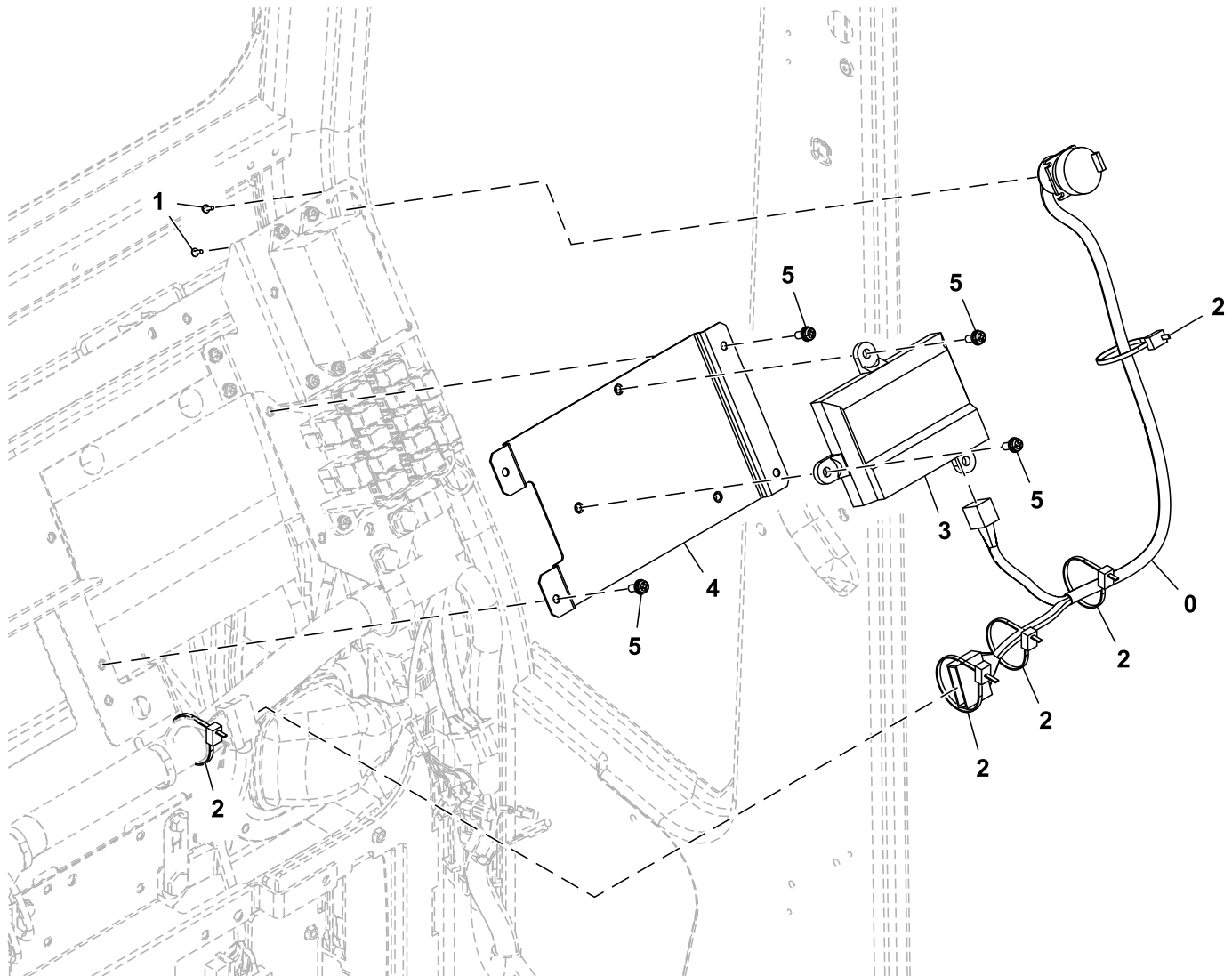
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<i>Key</i>	<i>Part No.</i>	<i>Part Name</i>	<i>Qty.</i>	<i>Serial No.</i>	<i>Remarks</i>
1	FYA60039869	Control	1		Main Controller (MCZ)

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Data Converter

TX1211340 A.1



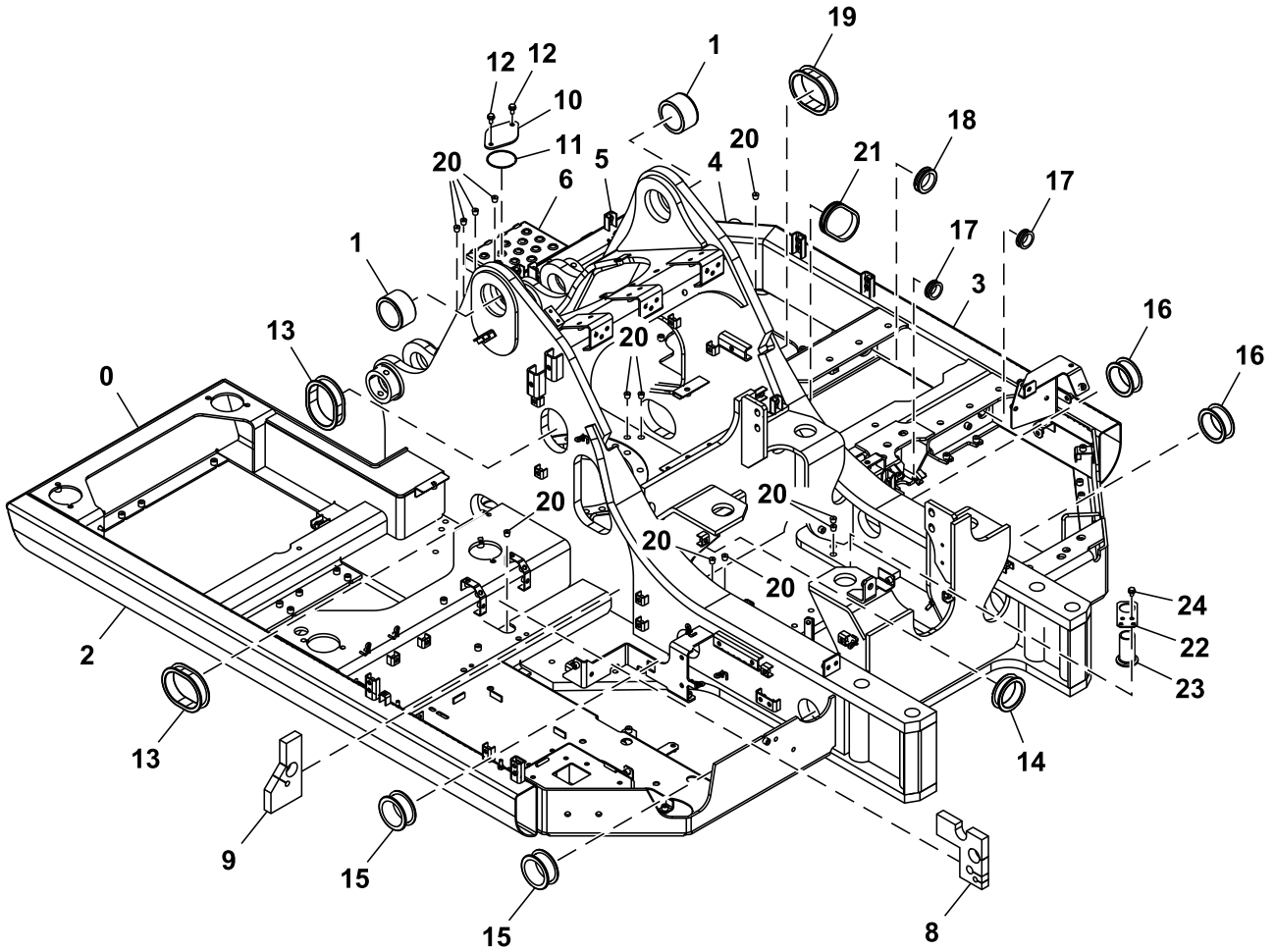
TX1211340

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	FYA00019133	Wiring Harness	1		Data Converter
1	.....	Screw With Washer	4		J460310 NLA
	12H233	Lock Washer	4		1/8"
	21M7394	Screw	4		M3 X 10
	24H1914	Washer	4		1/8" X 5/16" X 0.032"
2	4055312	Clip	4		
3	FYA00016095	Control	1		SUB FOR FYA00016270
4	FYA40010055	Bracket	1		
5	.....	Screw With Washer	7		J460616 NLA
	12M7006	Lock Washer	7		6 mm
	19M8425	Cap Screw	7		M6 X 16
	24M7293	Washer	7		6.500 X 13 X 1.600 mm



Main Frame

TX1210028 C.2



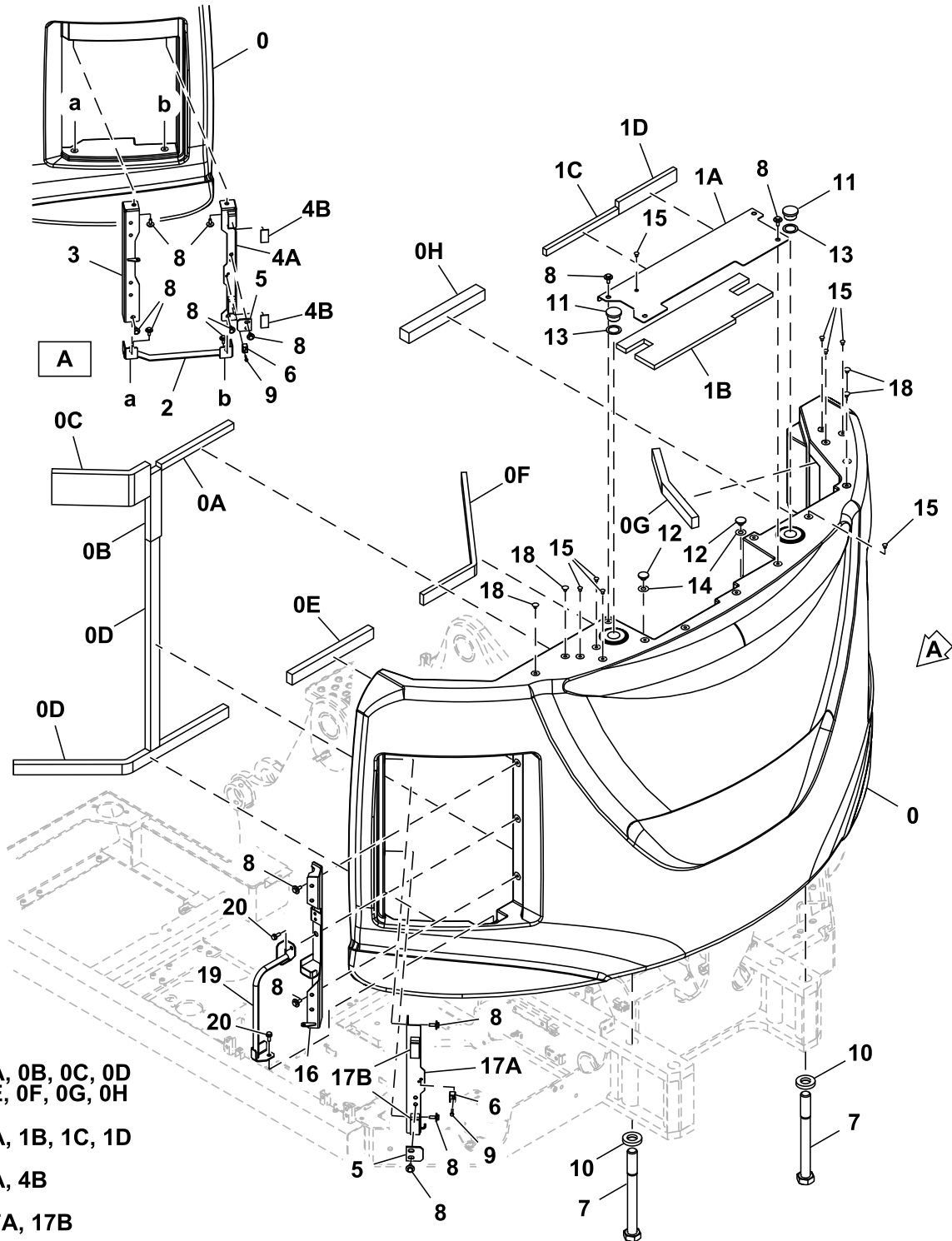
TX1210028

**17 Frame Chassis or Supporting Structure**  
**1740 Frame Installation**

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	.....	Frame	1		FYA40018160 NLA
1	4715660	Bushing	2		
2	4696832	Pipe	1		CTL, 4711936 NLA
3	4697073	Pipe	1		CTL, 4712144 NLA
6	3104590	Step	1		
8	FYA00022590	Isolator	1		
9	FYA00022591	Seal	1		
10	FYA00010818	Cover	1		
11	A811090	O-Ring	1		
12	.....	Screw With Washer	2		J271025 NLA
	19M7402	Cap Screw	2		M10 X 25, SUB FOR J901025
	24M7346	Washer	2		11 X 20 X 2 mm, SUB FOR J222010
13	4396013	Bushing	2		
14	4191977	Grommet	1		
15	4292763	Bushing	2		
16	4206288	Grommet	2		
17	4201995	Grommet	2		
18	4208279	Grommet	1		
19	FYA00009945	Bushing	1		
20	FYA00009951	Plug	12		
21	4662994	Bushing	1		
22	FYA00027573	Plate	1		
23	FYA00029660	Bushing	1		
24	.....	Screw With Washer	2		J271020 NLA
	19M7938	Cap Screw	2		M10 X 20, SUB FOR J901020
	24M7346	Washer	2		11 X 20 X 2 mm, SUB FOR J222010

Counterweight

TX1209976 A.1



- 0 — 0A, 0B, 0C, 0D  
0E, 0F, 0G, 0H
- 1 — 1A, 1B, 1C, 1D
- 4 — 4A, 4B
- 17 — 17A, 17B

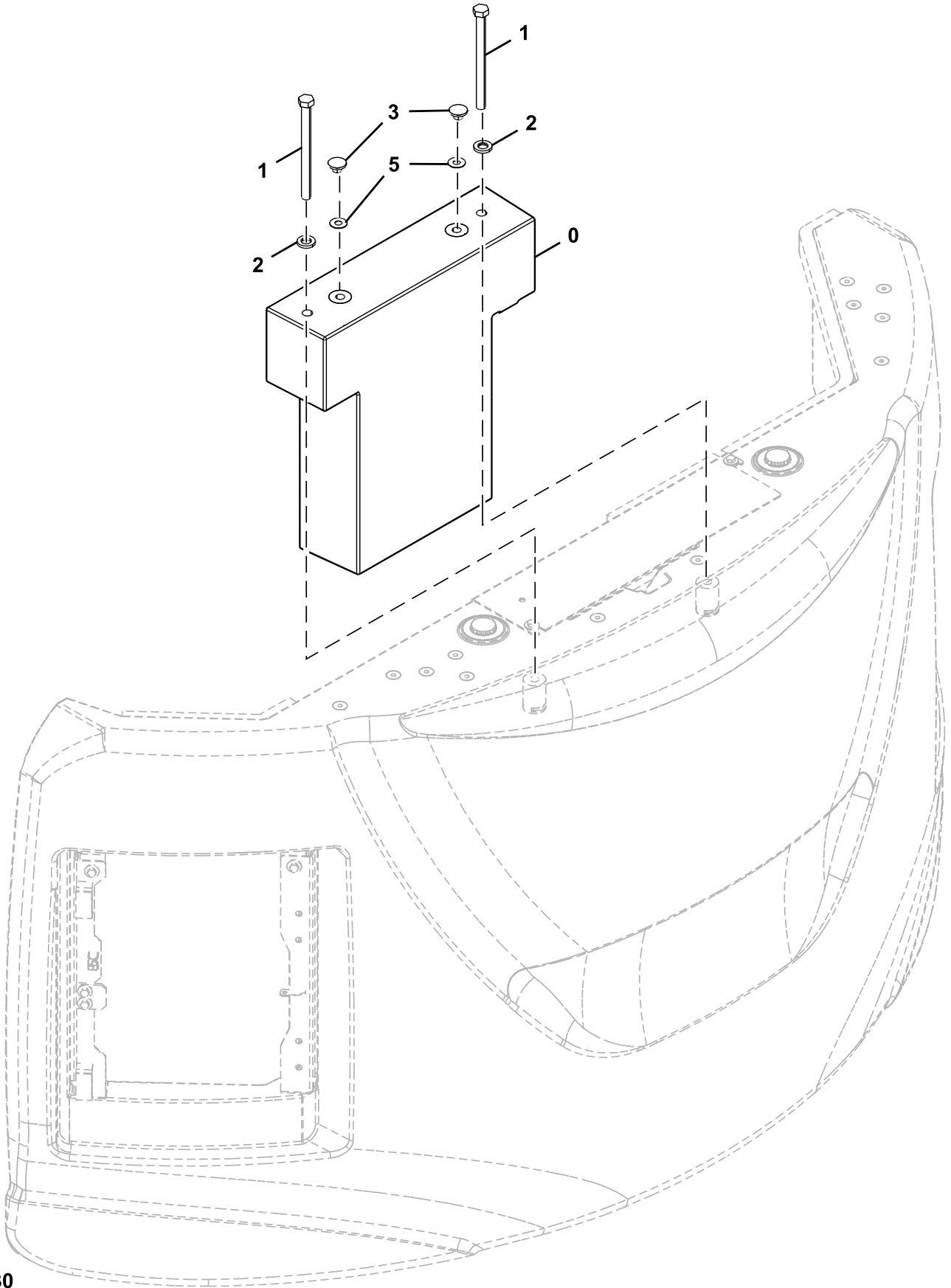
TX1209976

17 Frame Chassis or Supporting Structure  
1740 Frame Installation

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	FYA40018868	Counterweight	1		
0A	FXV00001022	Isolator	1		
0B	FXV00001045	Isolator	1		
0C	FXV00001076	Isolator	1		
0D	FXV00000905	Weatherstrip	2		
0E	FXV00001038	Isolator	1		
0F	FXV00000989	Isolator	1		
0G	FXV00000903	Seal	1		
0H	FXV00000929	Isolator	1		
1	FYA60027208	Cover	1		
1A	.....	Cover	1		FYA40020177 NLA
1B	FYA00040171	Isolator	1		
1C	FXV00000974	Isolator	1		
1D	FXV00002783	Isolator	1		
2	8122777	Bracket	1		
3	8122779	Bracket	1		
4	FYA60011255	Bracket	1		
4A	.....	Bracket	1		8122778 NLA
4B	FYA00015907	Plate	2		
5	4638905	Stop	2		
6	4652573	Stop	2		
7	4472345	Bolt	4		
8	.....	Screw With Washer	19		J281030 NLA
	19M7662	Cap Screw	19		M10 X 30, SUB FOR J901030
	4486055	Washer	19		
9	.....	Screw With Washer	4		J260635 NLA
	19M7177	Cap Screw	4		M6 X 35, SUB FOR J900635
	24M7054	Washer	4		6.400 X 12 X 1.600 mm, SUB FOR A590106
10	4436903	Washer	4		
11	4201721	Cap	2		
12	4453013	Cap	2		
13	4676990	Packing	2		
14	4676981	Packing	2		
15	4280359	Plug	8		
16	FYA40024823	Bracket	1		
17	FYA60035437	Bracket	1		
17A	.....	Bracket	1		FYA40024822 NLA
17B	FYA00015907	Plate	2		
18	4488765	Clip	4		
19	FYA40013584	Brace	1		
20	.....	Screw With Washer	2		J271030 NLA
	19M7662	Cap Screw	2		M10 X 30, SUB FOR J901030
	24M7346	Washer	2		11 X 20 X 2 mm, SUB FOR J222010

Additional Counterweight

TX1115630 A.1



TX1115630

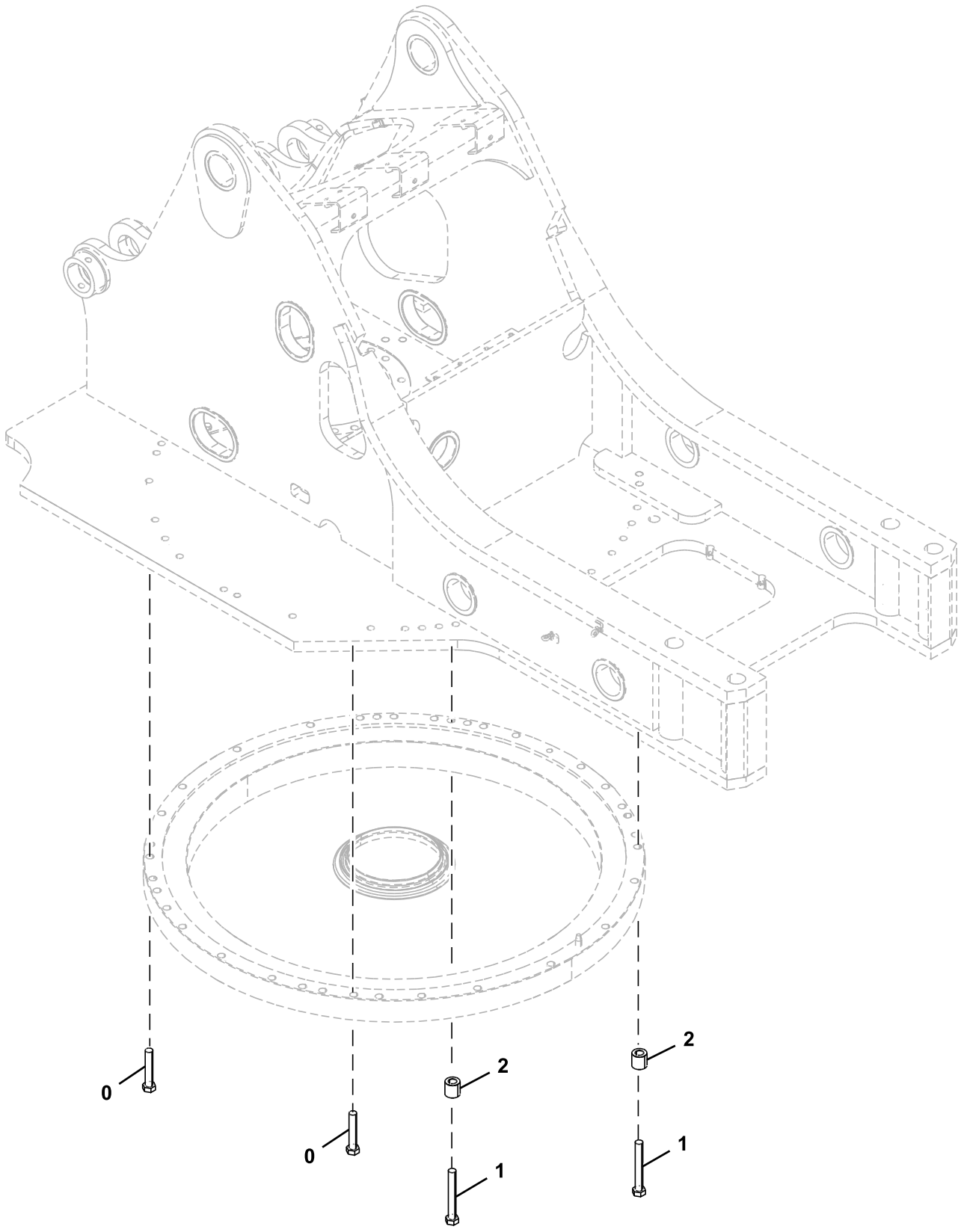
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<i>Key</i>	<i>Part No.</i>	<i>Part Name</i>	<i>Qty.</i>	<i>Serial No.</i>	<i>Remarks</i>
0	7059363	Counterweight	1		Standard Equipment, Used With Main Counterweight M20 X 260
1	19M8415	Bolt	2		
2	J222020	Washer	2		
3	4453013	Cap	2		
5	4676981	Packing	2		

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Swing Bearing to Frame Mounting Parts

TX1115628 A.1



TX1115628

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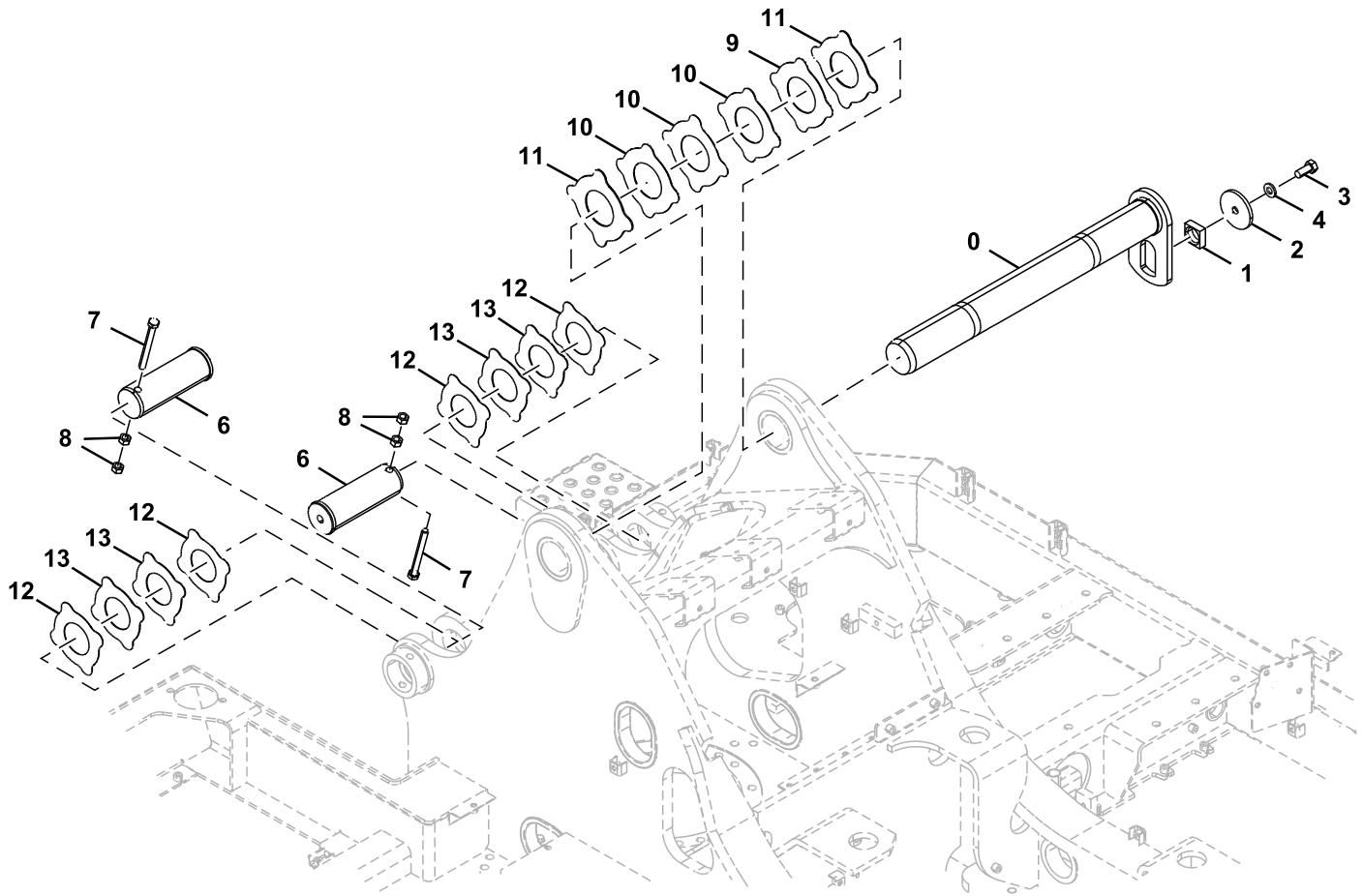
Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	19M7969	Cap Screw	27		M20 X 110, SUB FOR J922002
1	19M7291	Cap Screw	10		M14 X 90, SUB FOR J922010
2	4717634	Spacer	10		

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Boom Foot Pin

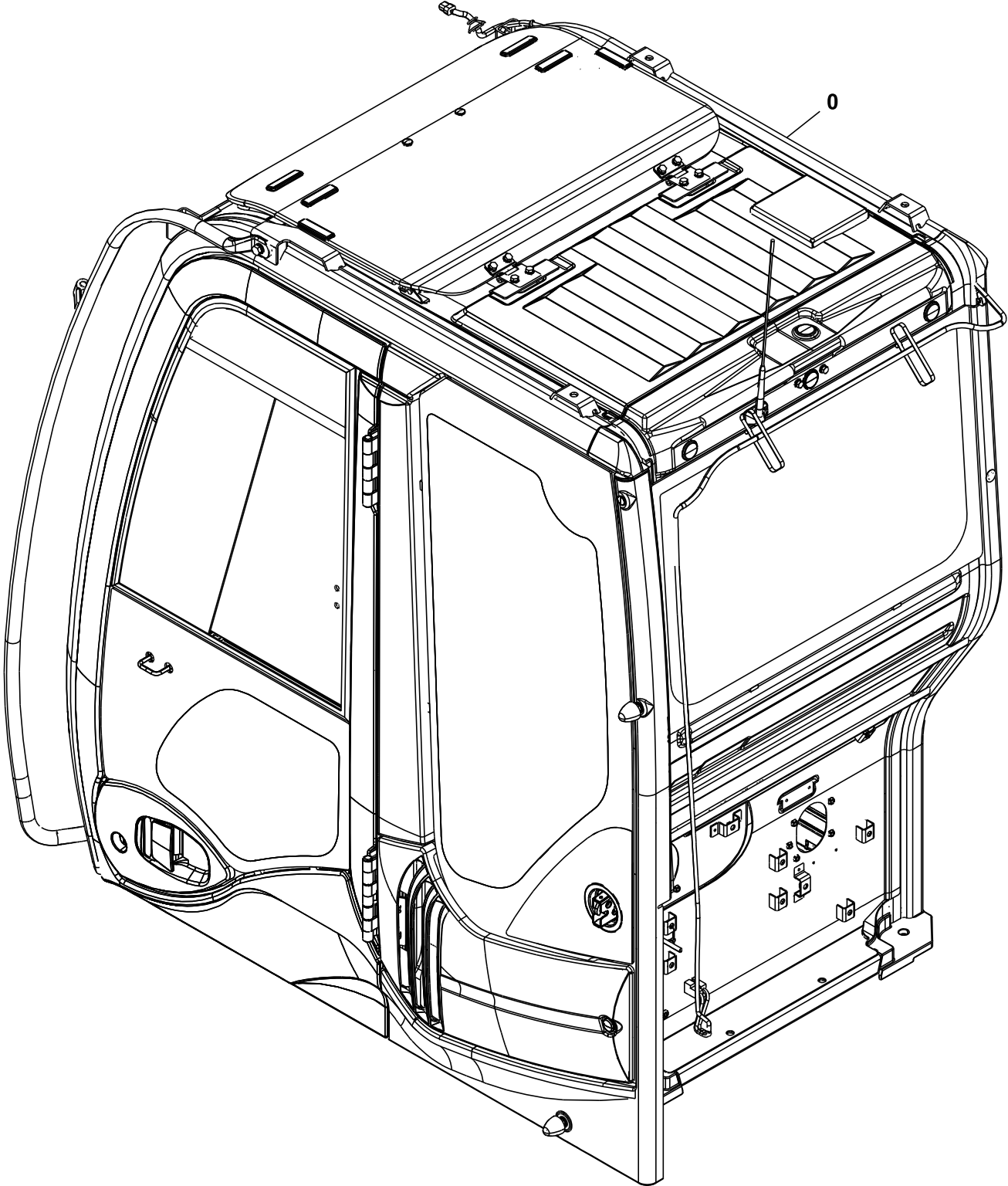
TX1115954 A.1



TX1115954

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	8102646	Pin Fastener	1		
1	4424425	Spacer	1		
2	4640621	Plate	1		
3	T116332	Bolt	1		SUB FOR J921840
4	24M7353	Washer	1		20 X 34 X 3 mm, SUB FOR J222018
6	AT318060	Pin Fastener	2		SUB FOR 3088573
7	4435129	Pin Fastener	2		
8	14M7276	Nut	4		M16, SUB FOR J950016
9	4444284	Thrust Washer	1		
10	4470743	Thrust Washer	3		SUB FOR 4444285
11	4706696	Plate	2		
12	4444286	Thrust Washer	4		
13	4444287	Thrust Washer	4		

Cab  
TX1117406 B.1



TX1117406

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<i>Key</i>	<i>Part No.</i>	<i>Part Name</i>	<i>Qty.</i>	<i>Serial No.</i>	<i>Remarks</i>
<b>0</b>	<b>FYA00038940</b>	<b>Cab</b>	<b>1</b>		<b>SUB FOR FYA00037950 AND FYA00011813</b>

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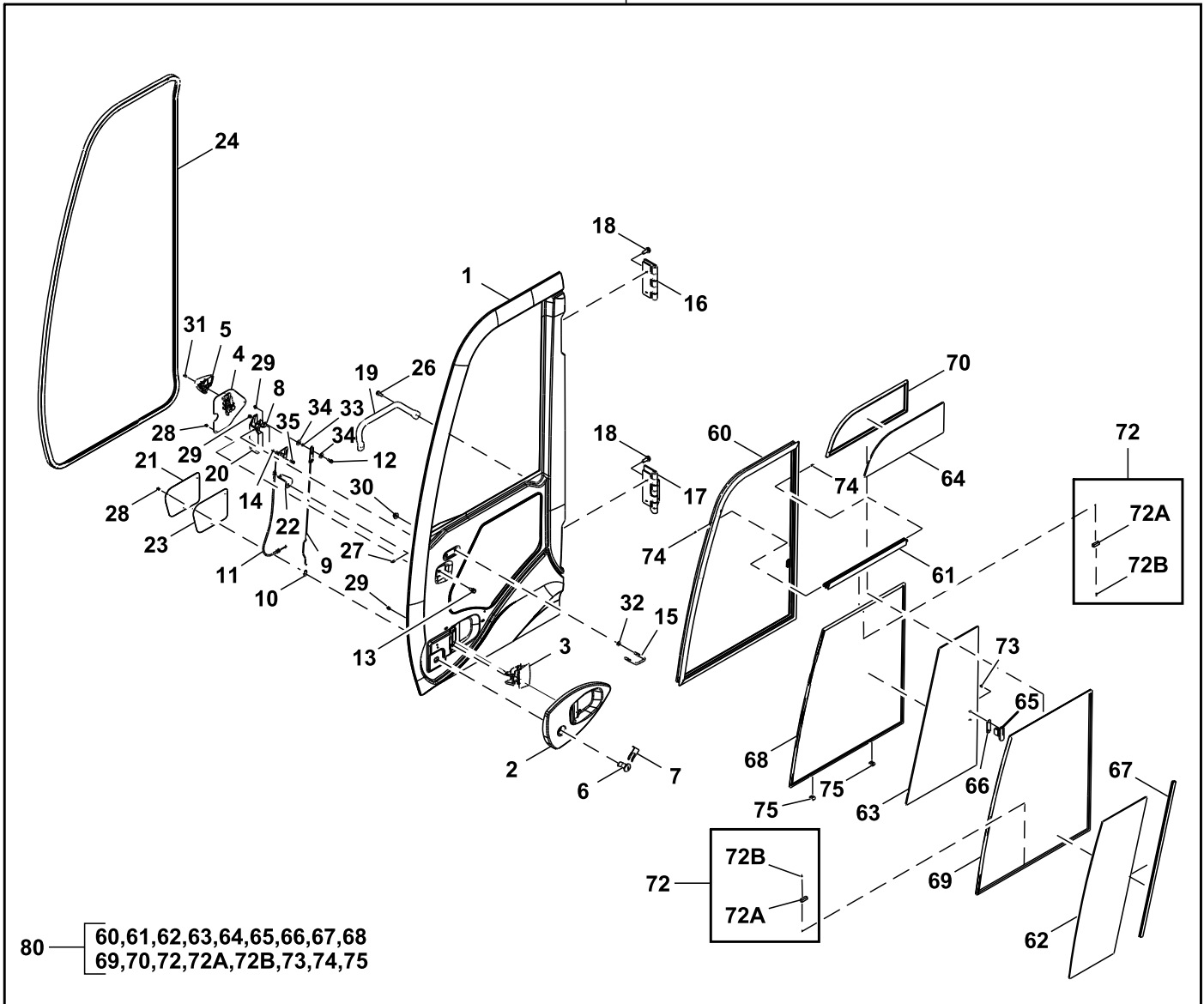


Key	Part No.	Part Name	Qty.	Serial No.	Remarks
1	FYA00018909	Window	1		
2	FYA00018908	Window	1		
3	4664385	Windowpane	1		
4	T396405	Windowpane	1		SUB FOR 4664383
5	4659592	Bushing	2		
6	4659594	Bushing	5		
7	4662735	Bushing	2		
8	4659595	Isolator	9		
9	FYA00018905	Door	1		Units built through April 2013
	FYA00049376	Door	1		Units built between May and November 2013
	FYA00018905	Door	1		Units built after December 2013
9A	.....	Door	1		NLA
9B	4664387	Windowpane	1		
9C	4659592	Bushing	1		
9D	4659593	Bushing	1		
9E	4659595	Isolator	3		
10	.....	Screw With Washer	4		4411829 NLA
	R168831	Cap Screw	4		
	24M7271	Washer	4		10.500 X 20 X 2 mm
11	FYA00021023	Label	1		Door Catch Trim

Cab Components (Door)

TX1117400 C.1

0



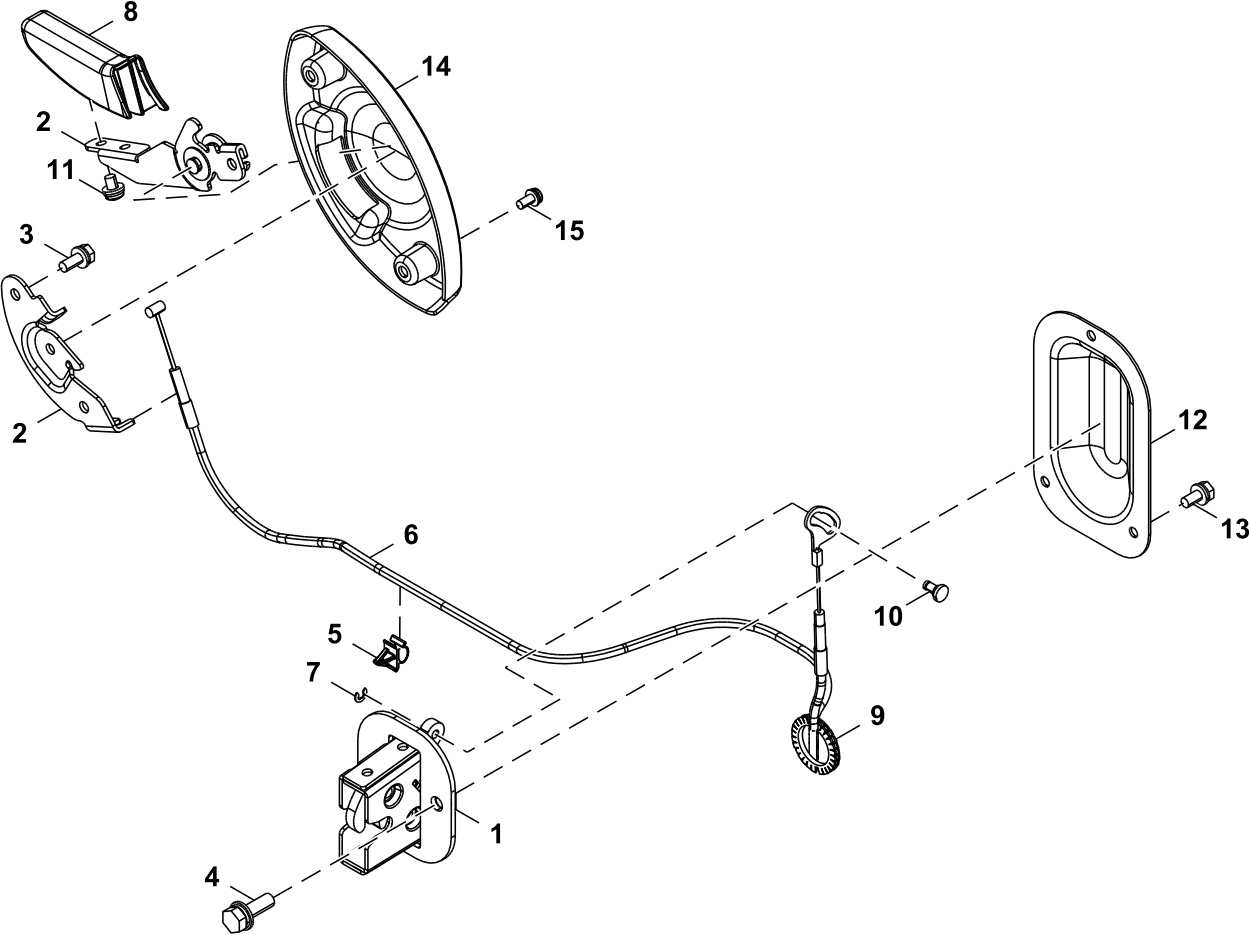
TX1117400

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	FYA00018905	Door	1		
1	.....	Panel	1		NSEP
2	4666396	Cover	1		
3	4369645	Handle	1		
4	4666402	Handle	1		
5	4665490	Grip	1		
6	4665491	Lock	1		
7	4372091	Clip	1		
8	4461933	Latch	1		
9	4665492	Rod	1		
10	4444664	Holder	1		
11	4665493	Wire	1		
12	4658095	Bolt	1		
13	19M7286	Cap Screw	1		M6 X 25, SUB FOR 4444669
14	4665494	Bushing	1		
15	4665495	U-Bolt	1		
16	4665496	Hinge	1		
17	4665497	Hinge	1		
18	.....	Screw With Washer	4		4411829 NLA
	R168831	Cap Screw	4		
	24M7271	Washer	4		10.500 X 20 X 2 mm
19	4665498	Handrail	1		
20	4665499	Bracket	1		
21	4665500	Cover	1		
22	4665502	Bracket	1		
23	4665503	Seal	1		
24	4666398	Weatherstrip	1		
26	4665505	Bolt	2		
27	4665506	Bolt	3		
28	4706566	Screw	6		
29	4608999	Nut	4		
30	4603012	Nut	2		
31	4662252	Bolt	1		
32	24M7055	Washer	2		8.400 X 16 X 1.600 mm, SUB FOR A590108
33	4665508	Bushing	1		
34	4662770	Washer	2		
35	4662730	Bolt	1		
60	4666403	Frame	1		
61	4666404	Frame	1		
62	4664388	Windowpane	1		
63	4664389	Windowpane	1		
64	4664390	Windowpane	1		
65	4369653	Lock	1		
66	4420531	Spacer	1		
67	4666379	Seal	1		
68	4666390	Isolator	1		
69	4666394	Isolator	1		
70	4666399	Isolator	1		
72	4667865	Stop	1		
72A	.....	Stop	1		NLA 4666411
72B	.....	Screw	2		NSEP
73	4607512	Screw	2		
74	4666384	Screw	2		
75	4411682	Isolator	2		
80	4666413	Frame	1		



Cab Door Catch Components

TX1117420 B.1

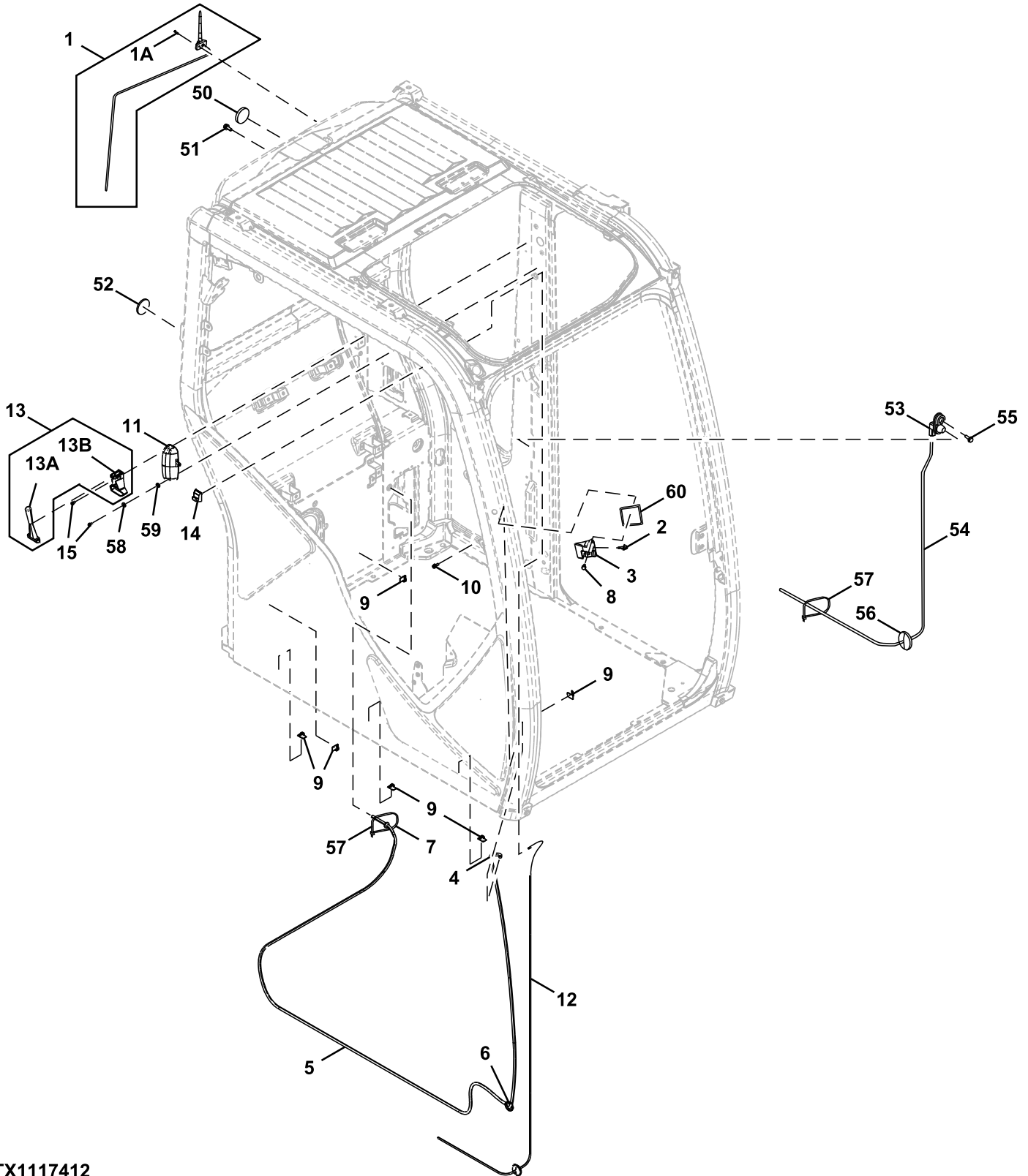


TX1117420

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
1	4666378	Catch	1		
2	4662724	Lever	1		Includes Two Pieces
3	4662730	Bolt	2		
4	4662367	Bolt	2		
5	4662728	Clip	1		
6	4666410	Cable	1		
7	4662722	Snap Ring	1		
8	4662725	Handle	1		
9	FYA00021571	Bushing	1		
10	4662721	Pin	1		
11	FXB00000970	Bolt	2		
12	4662723	Cover	1		
13	4666385	Bolt	3		
14	4662726	Cover	1		
15	4456428	Screw	2		

Antenna, Cab Interior Light, and Secondary Exit

TX1117412 A.2

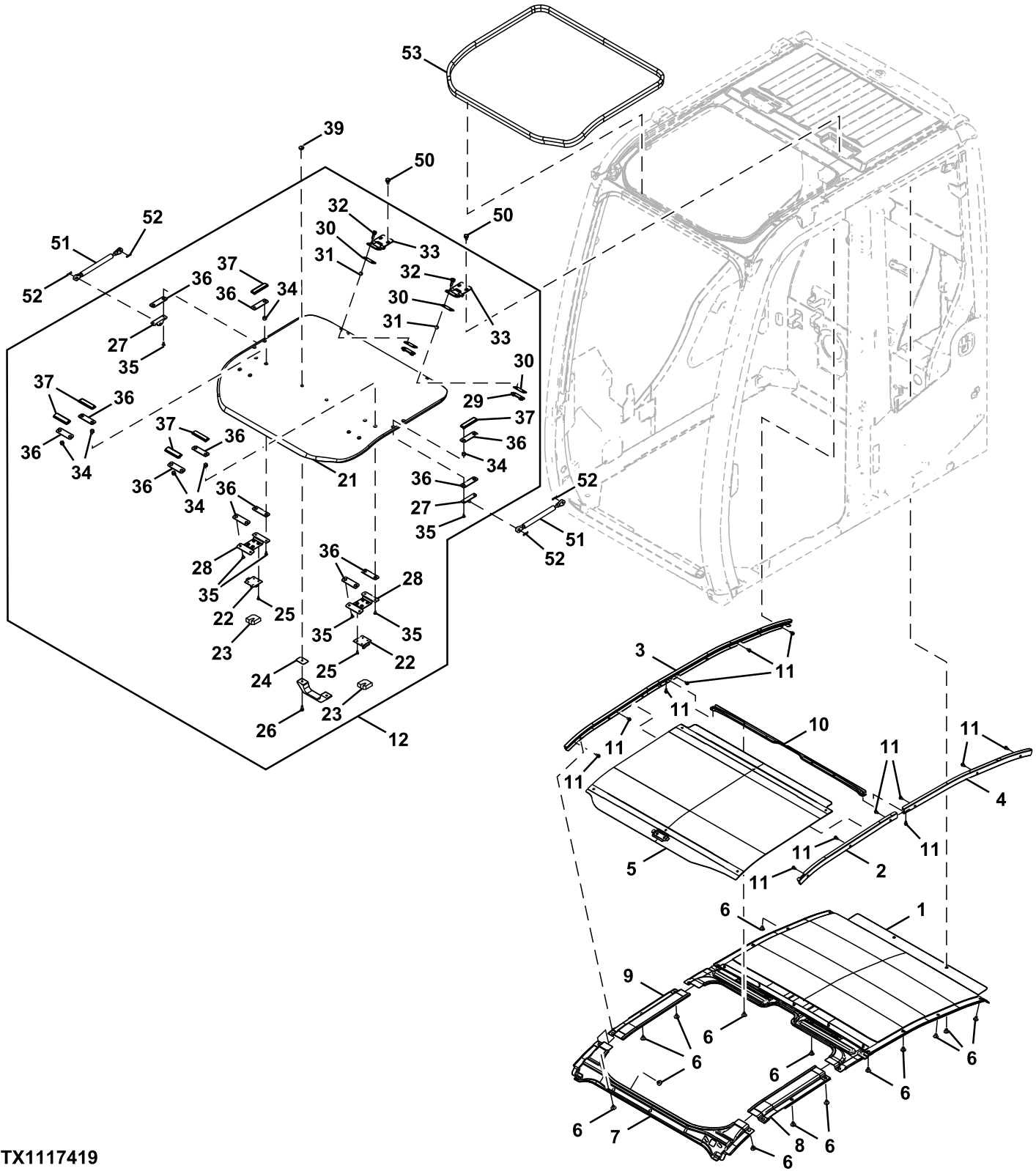


TX1117412

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
1	FXB00000883	Antenna	1		
1A	FXB00000884	Bolt	1		
2	FXB00002982	Nozzle	1		
3	4662759	Housing	1		
4	4367481	Flow Control Hyd. Valve	1		
5	.....	Bulk Hose	1		MF TY25139; CTL; SUB FOR 4666369
6	4466815	Bushing	1		
7	4287903	Grommet	1		
8	4658095	Bolt	1		
9	4662758	Clip	6		
10	4666393	Bolt	1		
11	4677830	Lamp	1		INCLUDES 4187083
	4187083	Bulb	1		24 V
12	FYA00021067	Wiring Harness	1		Interior Light Wiring Harness
13	.....	Hammer	1		NLA
13A	4362700	Hammer	1		
13B	2038764	Bracket	1		
14	4464337	Hanger	1		
15	4456428	Screw	4		
50	4662744	Bushing	2		
51	4658110	Bolt	3		
52	FYA00021016	Seal	1		
53	FXB00000892	Switch	1		Door Switch
54	FXB00000894	Wiring Harness	1		Door Switch Wiring Harness
55	FXB00000893	Screw	1		
56	FXB00000895	Bushing	1		
57	FXB00002565	Band	2		
58	4690685	Bushing	2		
59	4677839	Spacer	2		
60	FXB00000896	Isolator	2		

Cab Roof

TX1117419 B.1

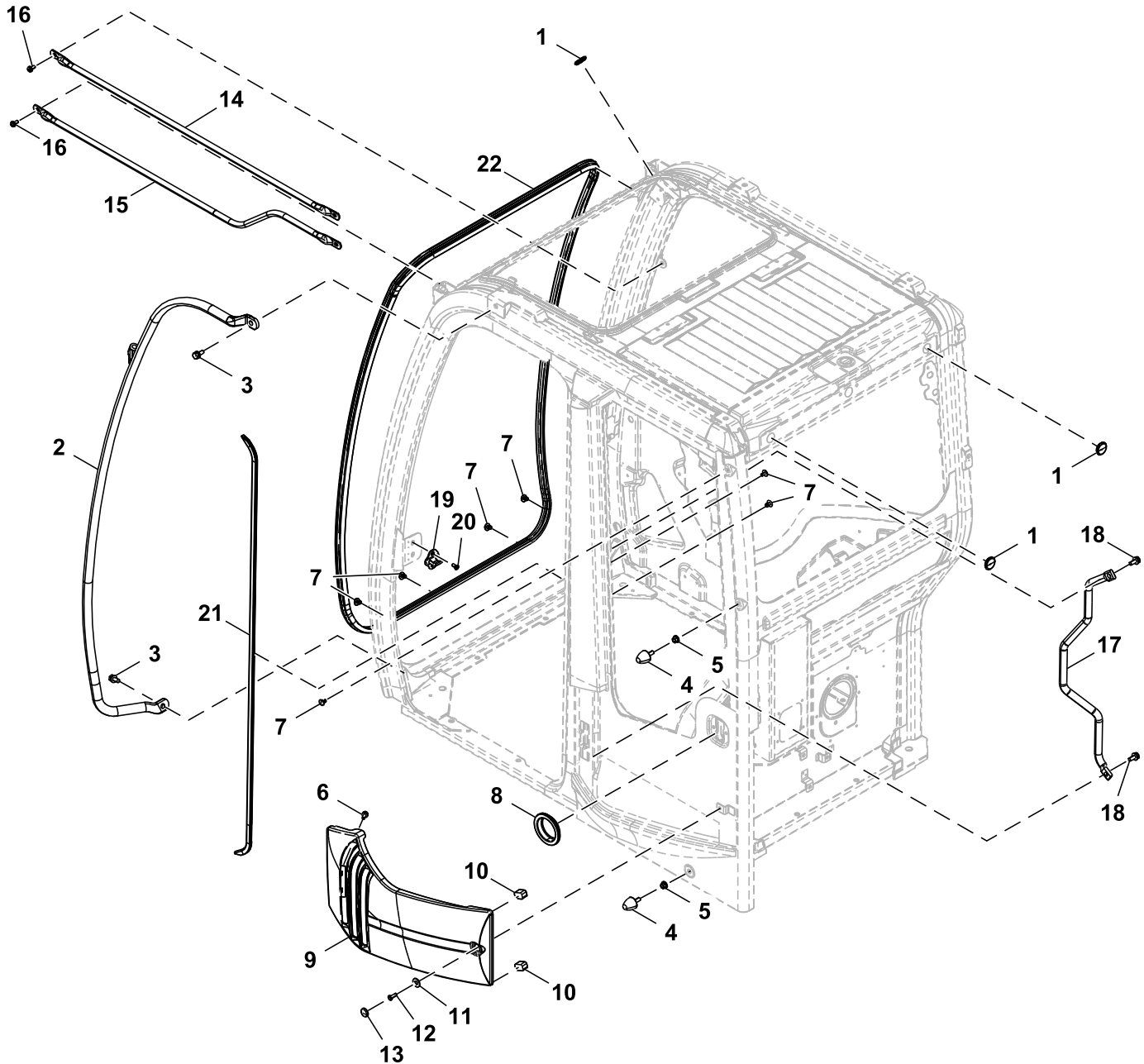


TX1117419

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
1	4666375	Cover	1		
2	4663620	Rail	1		
3	4663622	Rail	1		SUB FOR 4671639
4	4663621	Rail	1		SUB FOR 4671640
5	FXB00000964	Cover	1		
6	4662718	Clip	20		
7	4662711	Cover	1		
8	4662712	Cover	1		
9	4662713	Cover	1		
10	4662715	Bracket	1		
11	4662252	Bolt	14		
12	FXB00000957	Roof	1		
21	4654276	Window	1		
22	FXB00000956	Lock	2		
23	FXB00000954	Cover	2		
24	4662358	Grip	1		
25	4662368	Screw	8		
26	FXB00000960	Screw	2		
27	4662361	Bracket	2		
28	4662362	Bracket	2		
29	4662366	Bracket	2		
30	4474476	Packing	4		
31	4474482	Bushing	4		
32	19M7288	Cap Screw	4		M8 X 30, SUB FOR 4708387
33	4662360	Hinge	2		
34	FXB00000959	Isolator	12		
35	4662364	Screw	12		
36	FXB00000958	Packing	12		
37	4662356	Retainer	6		
39	4487045	Retainer	2		SUB FOR 4662357
50	4658110	Bolt	4		
51	4369619	Cylinder	2		
52	H132922	Cotter Pin	4		SUB FOR 4022697
53	FXB00000965	Isolator	1		

Cab Components (Handrail, Guard Bars)

TX1117416 C.1



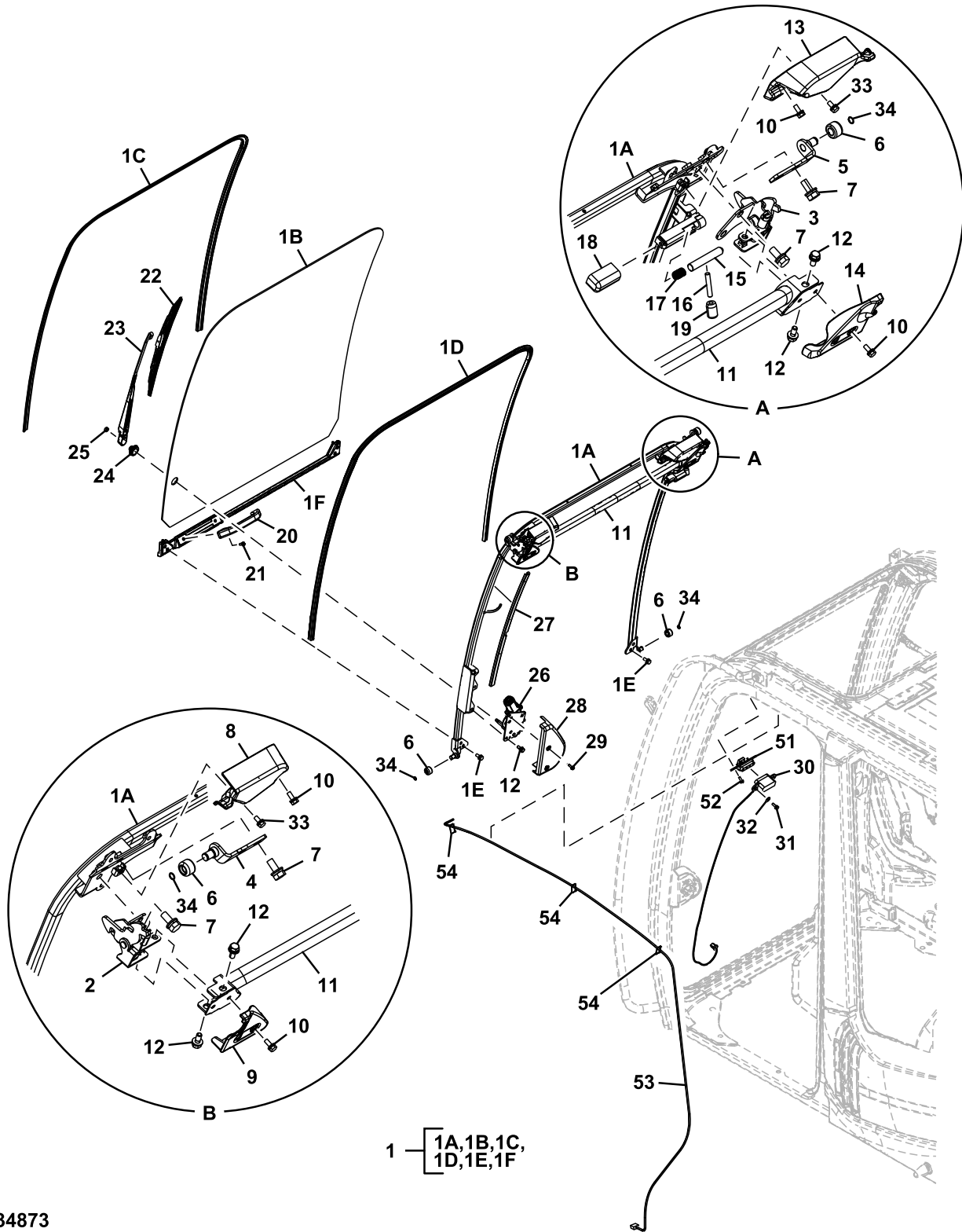
TX1117416

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
1	4662744	Bushing	3		
2	FXB00000917	Handrail	1		
3	4665689	Bolt	2		
4	4607054	Stop	2		
5	4341450	Nut	2		
6	4464320	Bolt	2		
7	4662737	Clip	7		
8	4662748	Isolator	1		
9	FYA00043705	Cover	1		SUB FOR 4662768
10	4662771	Isolator	2		
11	4666414	Spacer	1		
12	T116328	Screw	1		SUB FOR M470820
13	4666407	Cap	1		
14	4666391	Rail	1		
15	4666392	Rail	1		
16	FYA00021572	Screw	4		
17	4666381	Handrail	1		
18	.....	Screw With Washer	2		J271025 NLA
	19M7402	Cap Screw	2		M10 X 25, SUB FOR J901025
	24M7346	Washer	2		11 X 20 X 2 mm, SUB FOR J222010
19	FYA00026119	Striker	1		
20	4341415	Screw With Washer	2		
21	4662747	Isolator	1		
22	4666377	Isolator	1		



Cab Front Window

TX1134873 A.1

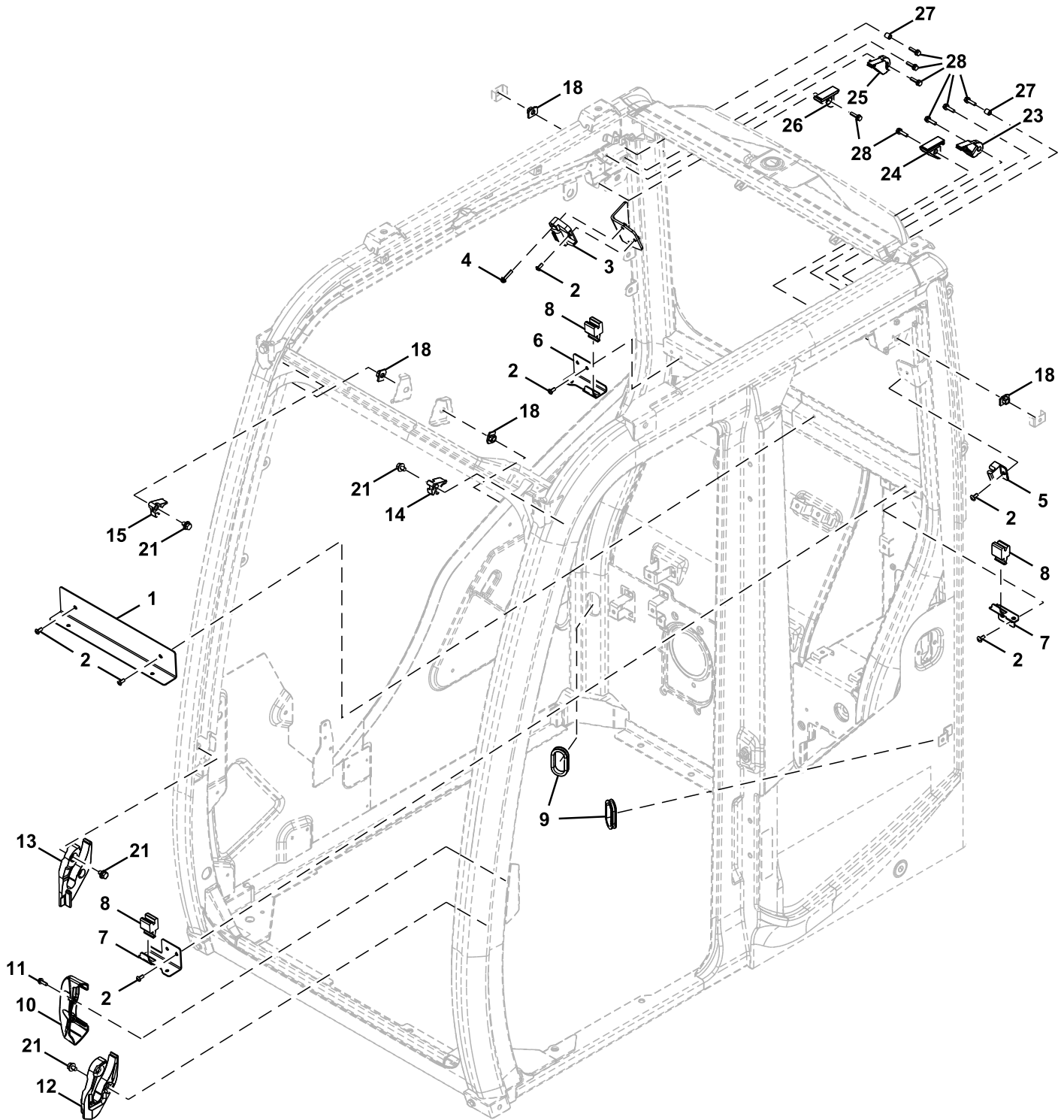


TX1134873

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
1	FYA00021025	Window	1		
1A	FYA00021026	Frame	1		
1B	FYA00018907	Window	1		
1C	FYA00021030	Isolator	1		
1D	FYA00021031	Isolator	1		
1E	4658110	Bolt	4		
1F	FXB00000929	Isolator	1		
2	FXB00000930	Lock	1		
3	FXB00000931	Lock	1		
4	FYA00044508	Bracket	1		SUB FOR FXB00000936
5	FYA00044509	Bracket	1		SUB FOR FXB00000932
6	4204558	Roller	4		
7	4662250	Bolt	8		
8	FXB00000933	Cover	1		
9	FXB00000940	Cover	1		
10	FXB00000935	Bolt	6		
11	FXB00000939	Handle	1		
12	4658110	Bolt	6		
13	FXB00000938	Cover	1		
14	FXB00000941	Cover	1		
15	4662243	Shaft	1		
16	4662223	Lever	1		
17	FXB00005198	Spring	1		SUB FOR 4662251
18	4456227	Cover	1		
19	4607646	Cover	1		
20	4204579	Handle	1		
21	4485892	Bolt	2		
22	4650572	Wiper Blade	1		
23	4650571	Wiper Arm	1		
24	4660025	Cap	1		SUB FOR 4656158
25	4464401	Nut	1		
26	FYA00010380	Wiper Motor	1		
27	FXB00000942	Cover	1		
28	4650573	Cover	1		
29	4658109	Bolt	2		
30	4658091	Elec. Connector Terminal	1		
31	4658095	Bolt	2		
32	4663625	Washer	2		
33	4666385	Bolt	2		
34	FXB00000934	Spring	4		
51	4658090	Switch	1		
52	4658094	Screw	2		
53	4662225	Wiring Harness	1		Windshield Wiper Wiring Harness
54	4377820	Clamp	3		

Cab Window Hardware

TX1117415 A.1

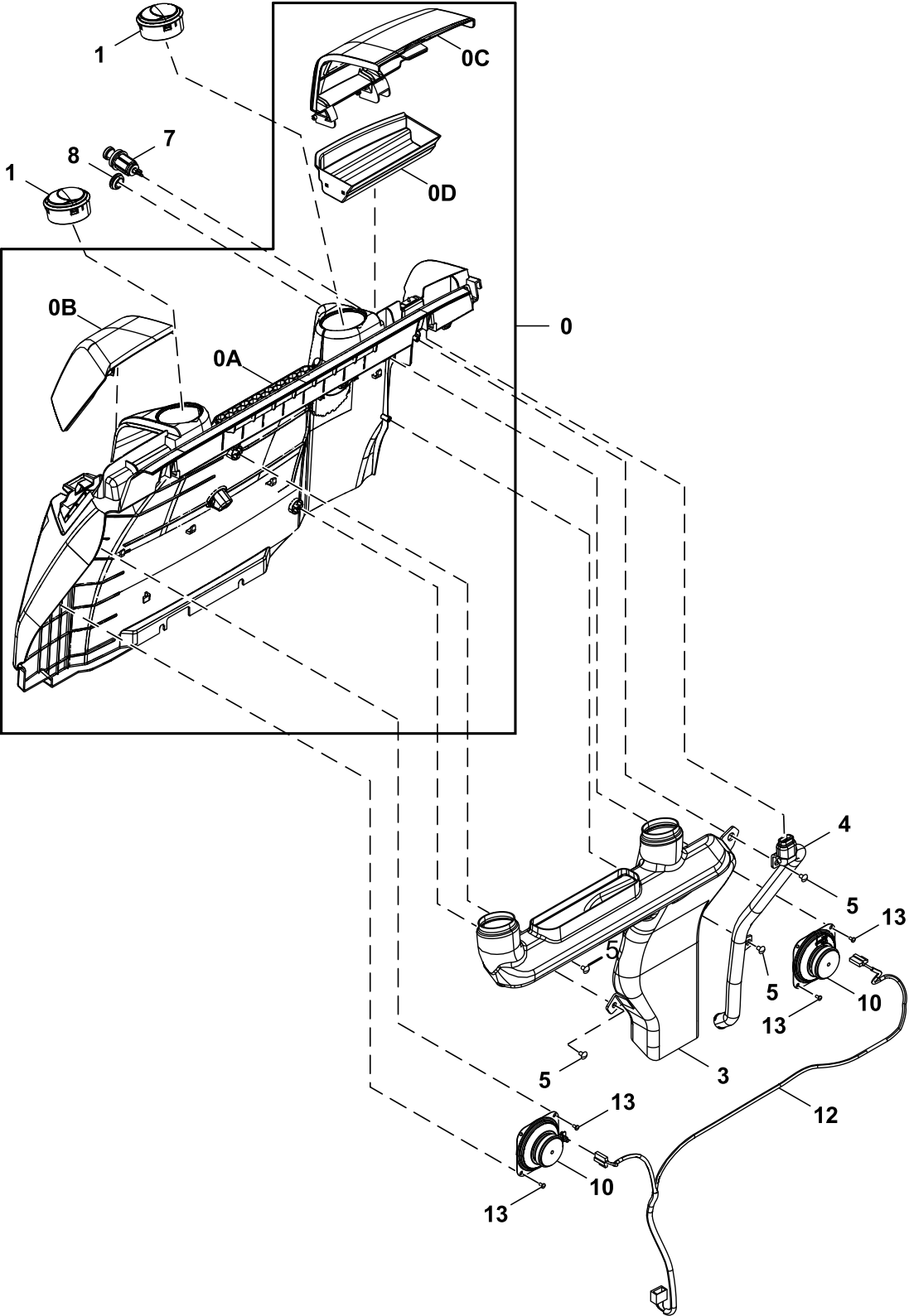


TX1117415

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
1	FYA00031859	Bracket	1		SUB FOR FYA00021015
2	4609479	Screw	8		
3	4464273	Holder	1		
4	4662741	Bolt	2		
5	4464305	Holder	1		
6	FYA00021014	Bracket	1		
7	FYA00021013	Bracket	2		
8	4464309	Holder	3		
9	4662749	Isolator	2		
10	4662750	Cover	1		
11	4485892	Bolt	2		
12	FXB00000905	Isolator	1		
13	FXB00000906	Isolator	1		
14	4662230	Plug	1		
15	4662231	Plug	1		
18	4662242	Striker	4		
21	4662245	Bolt	6		
23	FXB00000910	Stop	1		
24	FXB00000911	Stop	1		
25	FXB00002590	Isolator	1		
26	FXB00002591	Isolator	1		
27	4456237	Bushing	2		
28	4708351	Bolt	8		

Cab Rear Tray, Air Duct, And Speakers

TX1117288 C.1

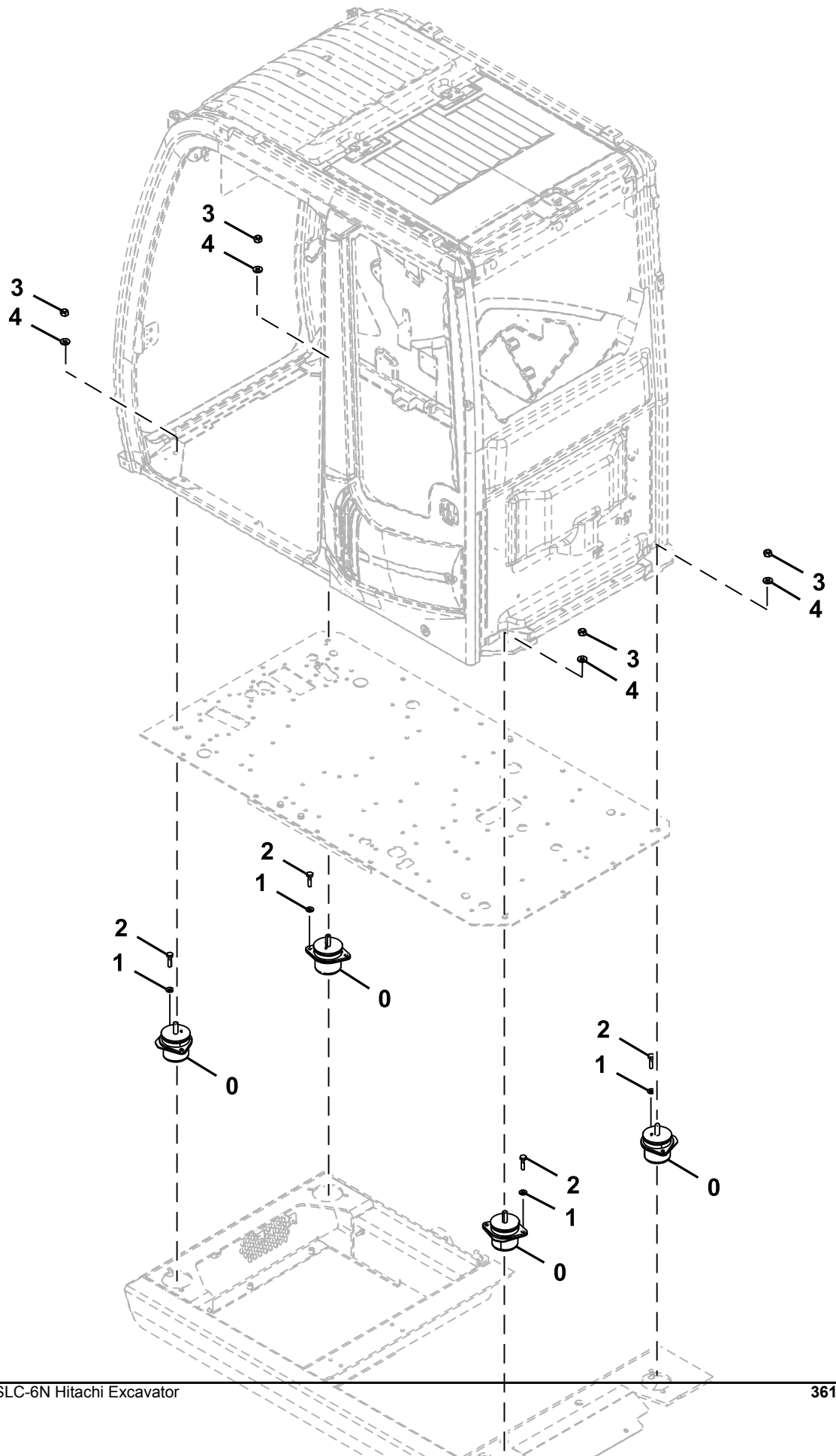


TX1117288

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	7059407	Cover	1		
0A	.....	Cover	1		
0B	7059339	Cover	1		2059238 NLA
0C	7059338	Cover	1		
0D	2053523	Cover	1		
1	FYA00003014	Louver	2		
3	7059403	Air Duct	1		
4	7059401	Air Duct	1		
5	4444700	Screw	4		
7	4653906	Mechanical Lighter	1		
8	4447072	Bushing	1		
10	4361302	Speaker	2		
12	4716639	Wiring Harness	1		Speakers
13	4361800	Screw	8		

**Cab Mounts**

TX1117404 A.1





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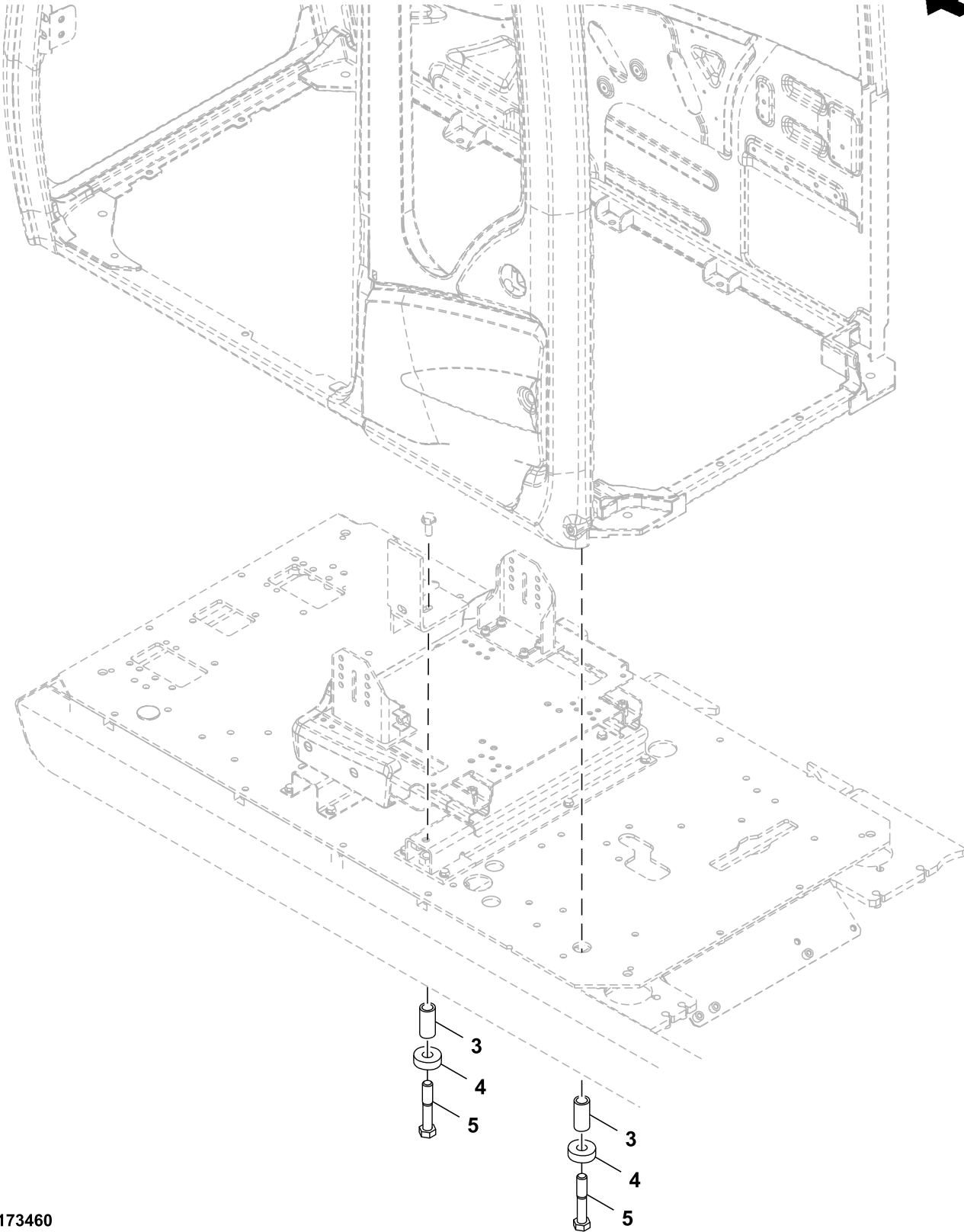
<i>Key</i>	<i>Part No.</i>	<i>Part Name</i>	<i>Qty.</i>	<i>Serial No.</i>	<i>Remarks</i>
0	4445381	Isolator	4		
1	24M7345	Washer	8		13.500 X 24 X 2.500 mm, SUB FOR J222012
2	4661583	Bolt	8		
3	14M7328	Lock Nut	4		M16, SUB FOR 4423699
4	24M7338	Washer	4		17 X 30 X 3 mm, SUB FOR J222016

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**Cab Anchor Bolt**

TX1173460 C.1



TX1173460

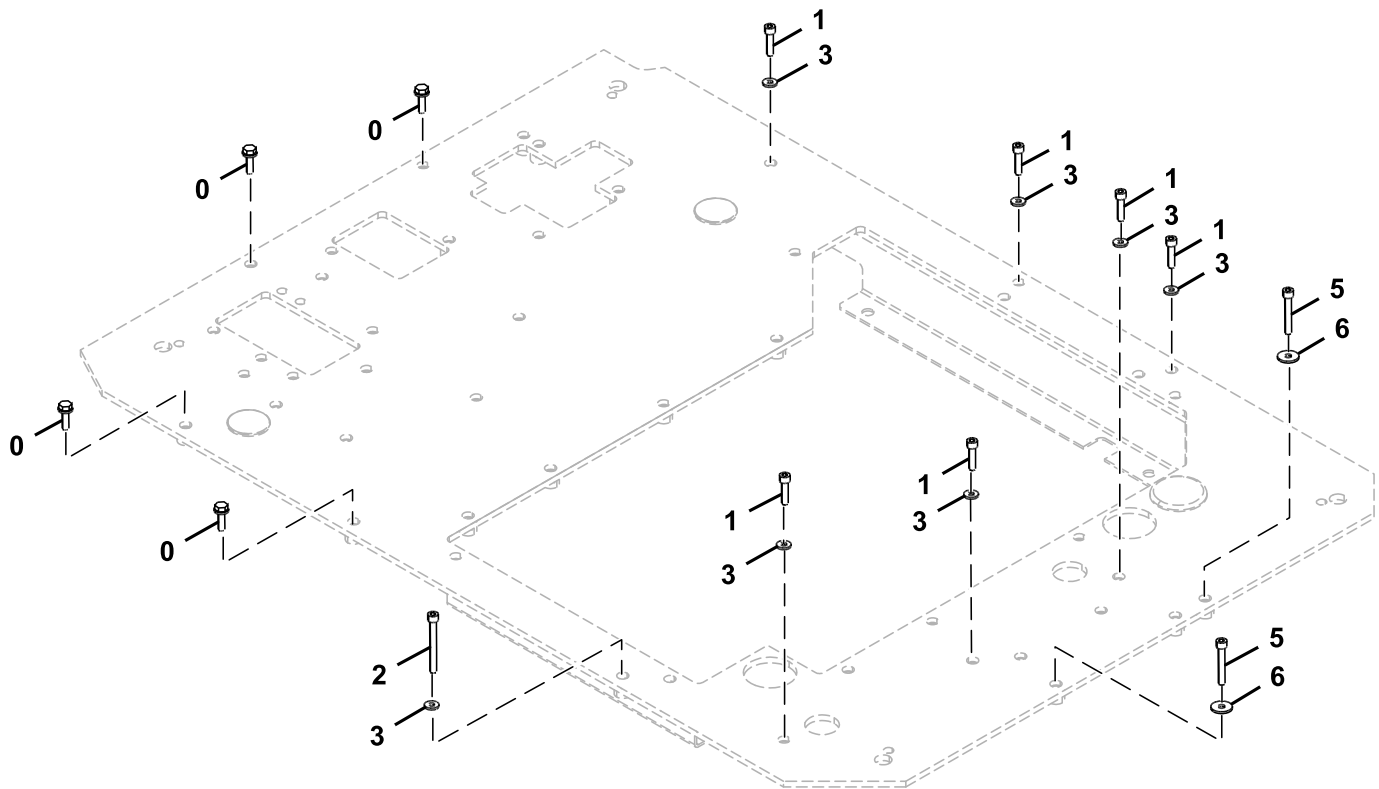
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<i>Key</i>	<i>Part No.</i>	<i>Part Name</i>	<i>Qty.</i>	<i>Serial No.</i>	<i>Remarks</i>
3	4630531	Spacer	2		
4	4630532	Washer	2		
5	R134070	Cap Screw	2		SUB FOR J922204

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Cab Floor Plate Hardware

TX1117405 C.1

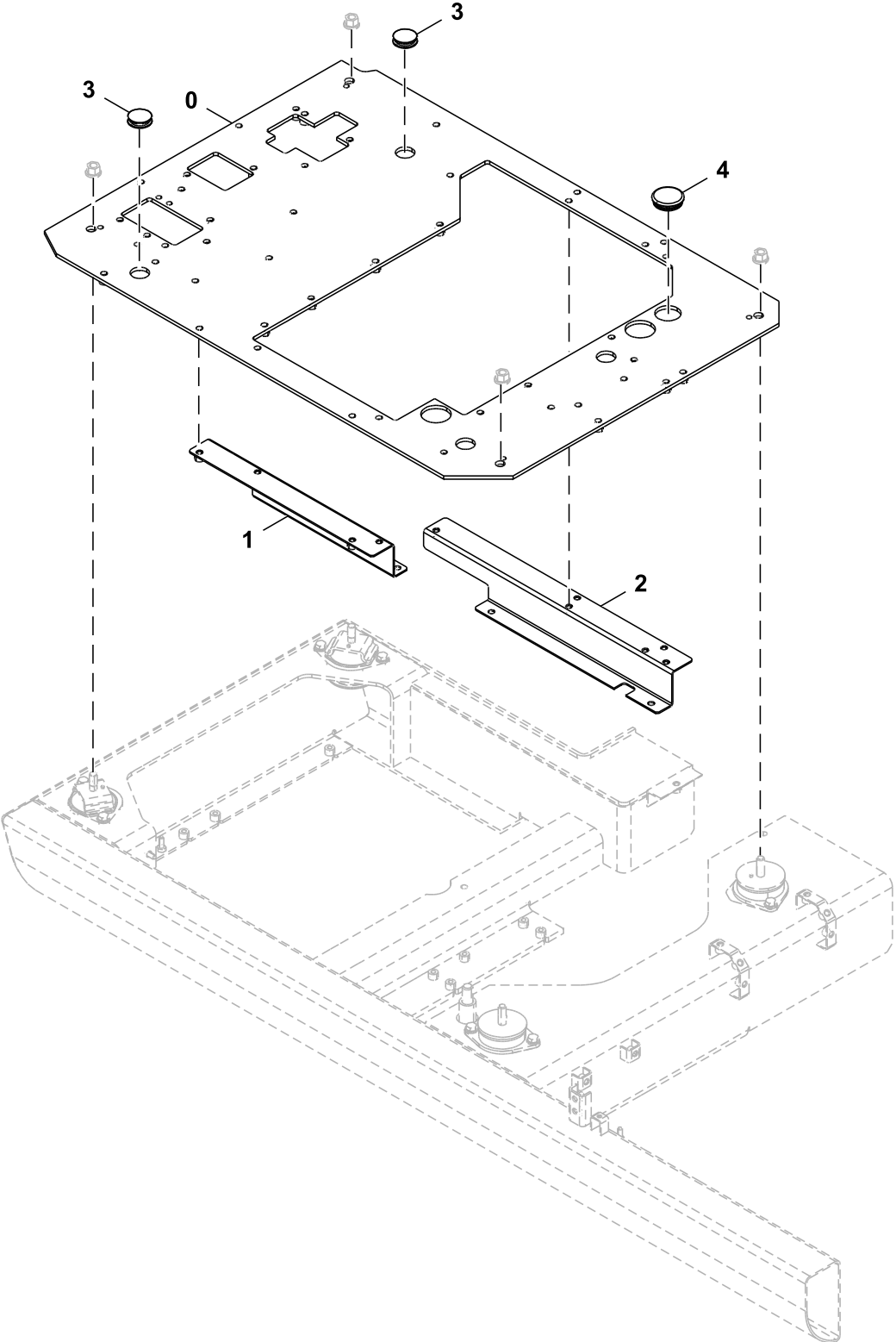


TX1117405

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	.....	Screw With Washer	4		J271035 NLA
	19M7550	Cap Screw	4		M10 X 35, SUB FOR J901035
	24M7346	Washer	4		11 X 20 X 2 mm, SUB FOR J222010
1	J781040	Screw	6		
2	J781090	Bolt	1		
3	24M7346	Washer	7		11 X 20 X 2 mm, SUB FOR J222010
5	J781065	Bolt	2		
6	24M7101	Washer	2		11 X 34 X 3 mm, SUB FOR J217083

Floor Plate

TX1115853 B.1



TX1115853

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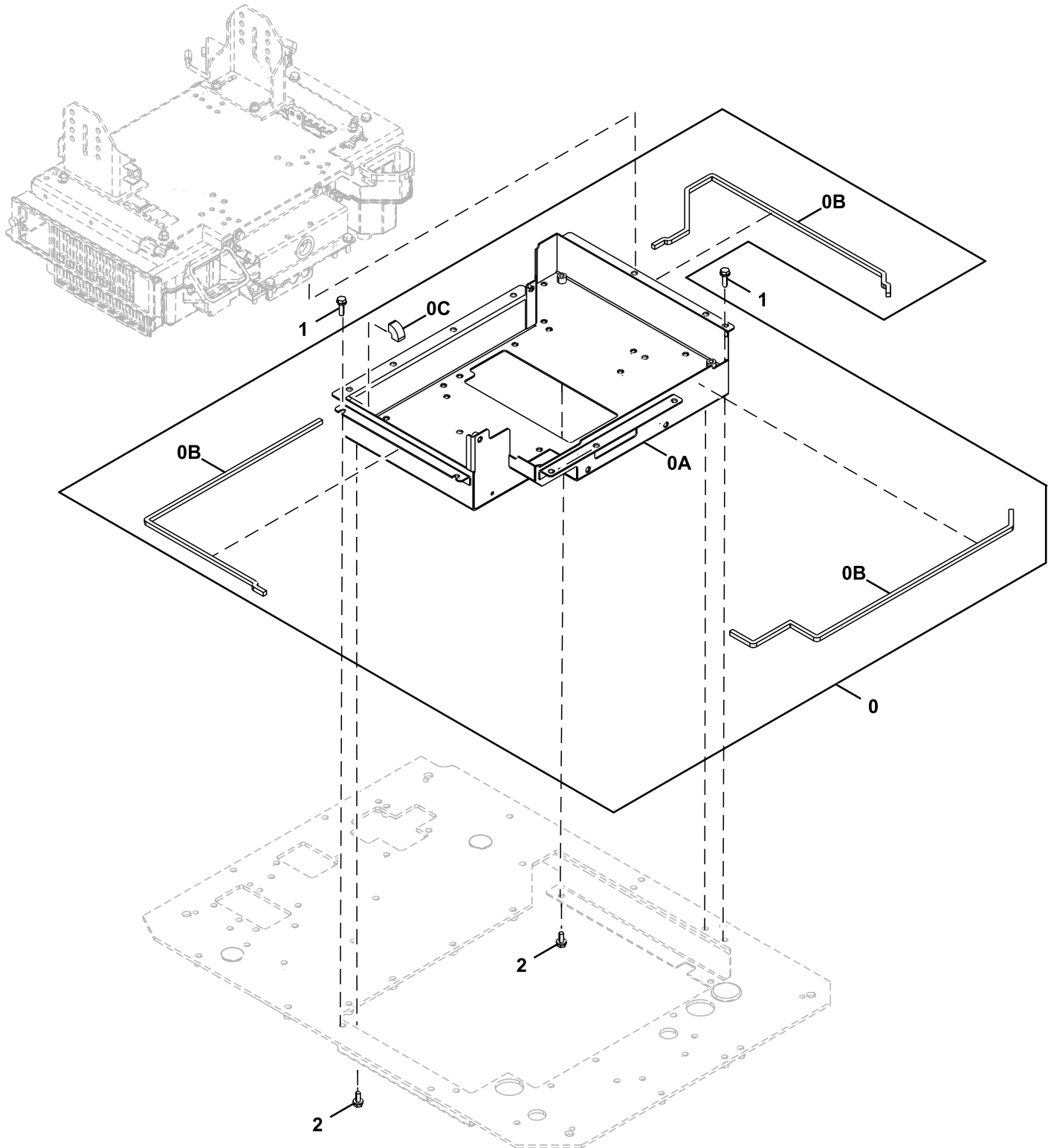
<i>Key</i>	<i>Part No.</i>	<i>Part Name</i>	<i>Qty.</i>	<i>Serial No.</i>	<i>Remarks</i>
0	FYA40013522	Plate	1		
1	8122286	Support	1		
2	8122287	Support	1		
3	4288445	Plug	2		
4	4724782	Bushing	1		

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Cab Floor Parts

TX1115854 B.2

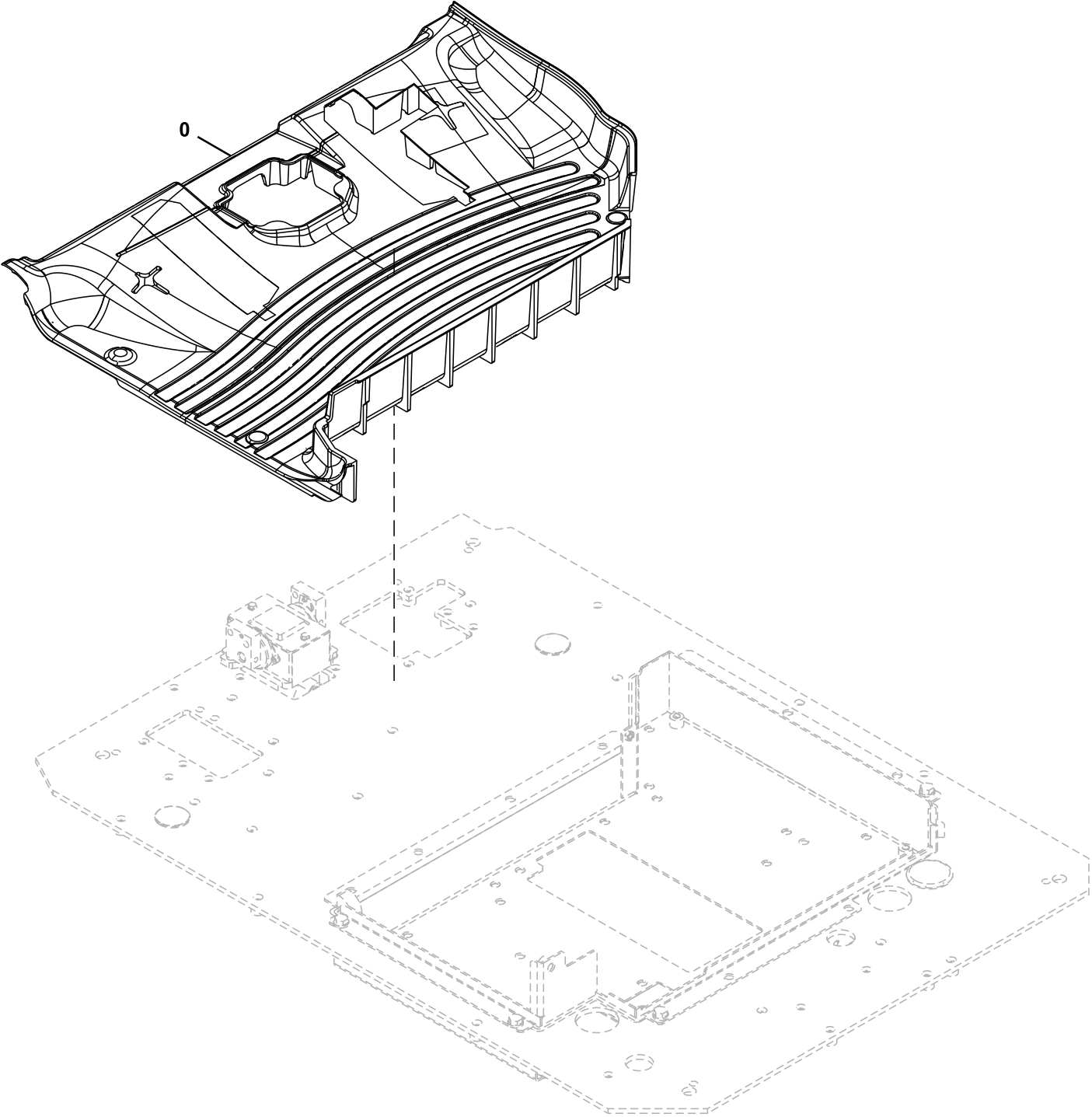


TX1115854

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	8122347	Box	1		
0A	.....	Box	1		6028240 NLA
0B	4715778	Seal	3		
0C	FYA00014800	Seal	1		
1	.....	Screw With Washer	4		J271035 NLA
	19M7550	Cap Screw	4		M10 X 35, J271035 NLA, SUB FOR J901035
	24M7346	Washer	4		11 X 20 X 2 mm
2	.....	Screw With Washer	4		J271025 NLA
	19M7402	Cap Screw	4		M10 X 25
	24M7346	Washer	4		11 X 20 X 2 mm

**Floor Mat**

TX1116197 A.1



**TX1116197**

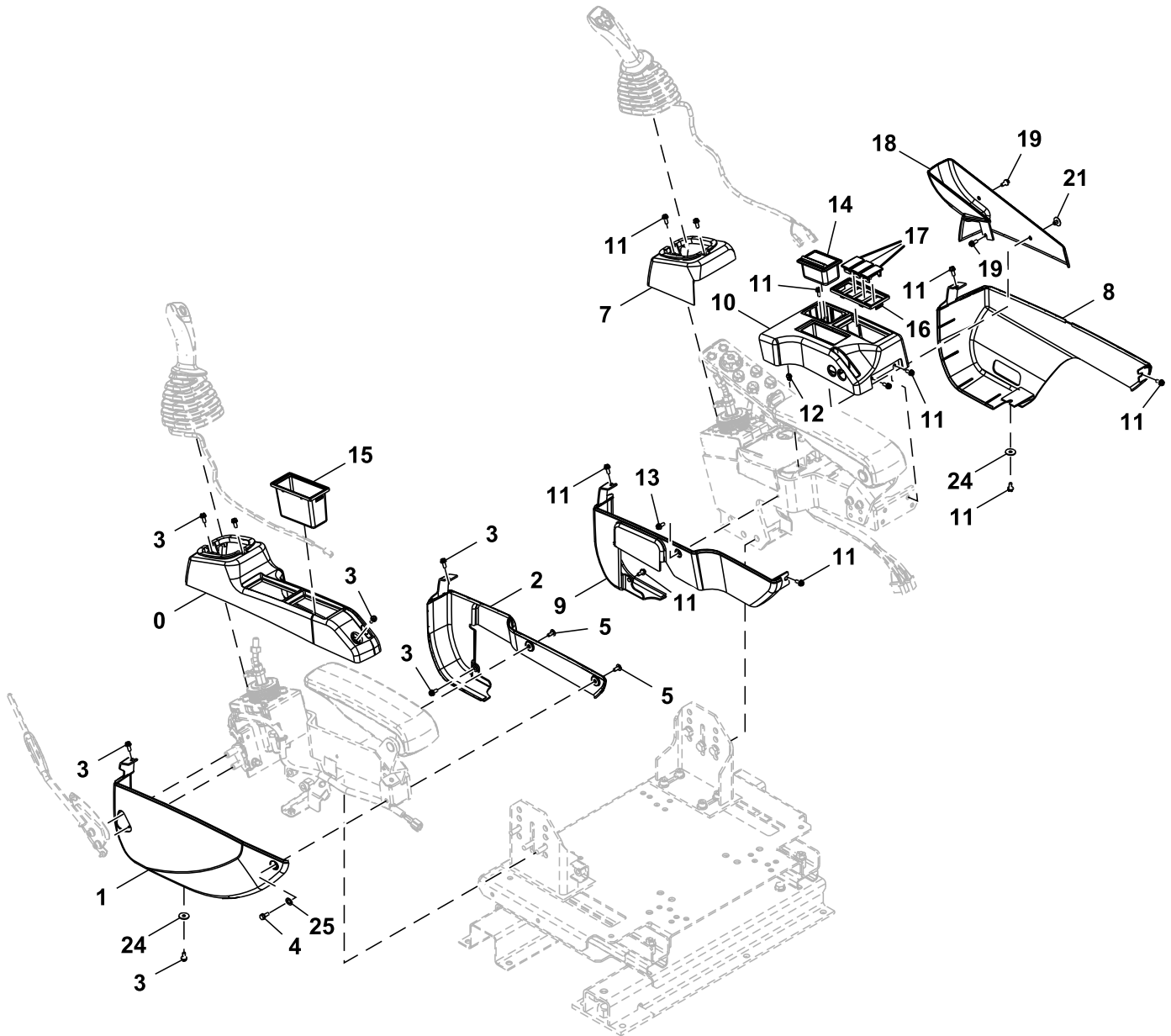
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<i>Key</i>	<i>Part No.</i>	<i>Part Name</i>	<i>Qty.</i>	<i>Serial No.</i>	<i>Remarks</i>
0	FYA00013036	Mat	1		With Additional Cutout for Breaker Attachment
	FYA00010891	Mat	1		Without Additional Cutout for Breaker Attachment, Not Illustrated

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Console Cover

TX1115590 B.1

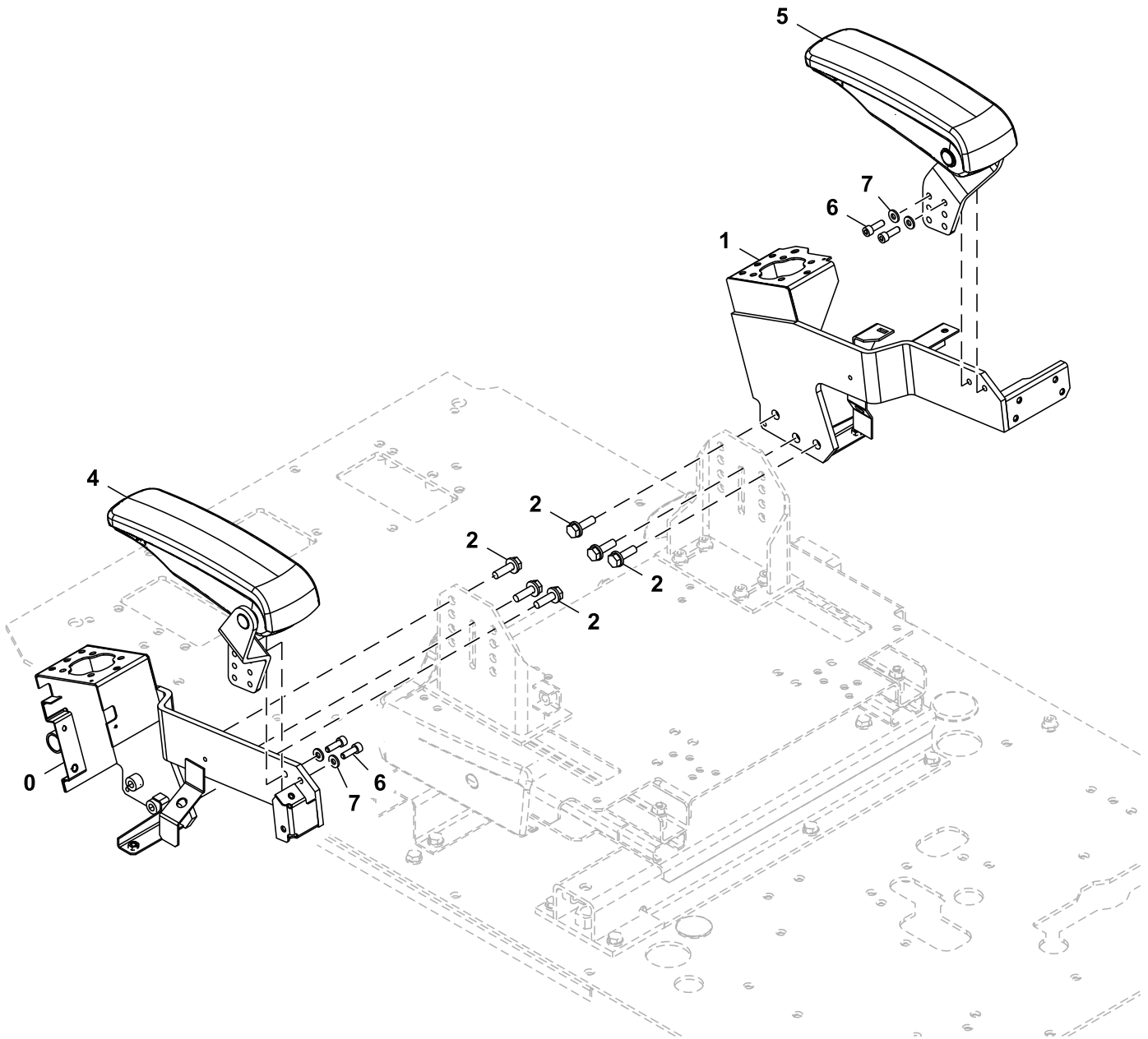


TX1115590

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	FYA00030883	Cover	1		
1	FYA00030886	Cover	1		
2	FYA00030884	Cover	1		
3	.....	Screw With Washer	7		J460616 NLA
	19M8425	Cap Screw	7		M6 X 16
	12M7006	Lock Washer	7		6 mm
	24M7293	Washer	7		6.500 X 13 X 1.600 mm
4	.....	Screw With Washer	1		J260616 NLA
	19M7566	Bolt	1		SUB FOR J900616
	24M7054	Washer	1		6.400 X 12 X 1.600 mm, SUB FOR A590106
5	T108221	Screw	2		SUB FOR J650614
7	FYA00030889	Cover	1		
8	FYA00030893	Cover	1		
9	FYA00030892	Cover	1		
10	FYA00030890	Cover	1		
11	.....	Screw With Washer	11		J460616 NLA
	19M8425	Cap Screw	11		M6 X 16
	12M7006	Lock Washer	11		6 mm
	24M7293	Washer	11		6.500 X 13 X 1.600 mm
12	4651537	Clip	1		
13	J650614	Screw	1		SUB FOR J650614
14	4415024	Ashtray	1		
15	FYA00030888	Tray	1		
16	2058776	Case	1		
17	3121182	Cap	3		
18	FYA00030895	Cover	1		
19	.....	Screw With Washer	2		J460616 NLA
	19M8425	Cap Screw	2		M6 X 16
	12M7006	Lock Washer	2		6 mm
	24M7293	Washer	2		6.500 X 13 X 1.600 mm
21	4653156	Clip	1		
24	4607546	Washer	2		
25	FYA00002134	Washer	1		

Cab Console and Armrest

TX1116877 B.1



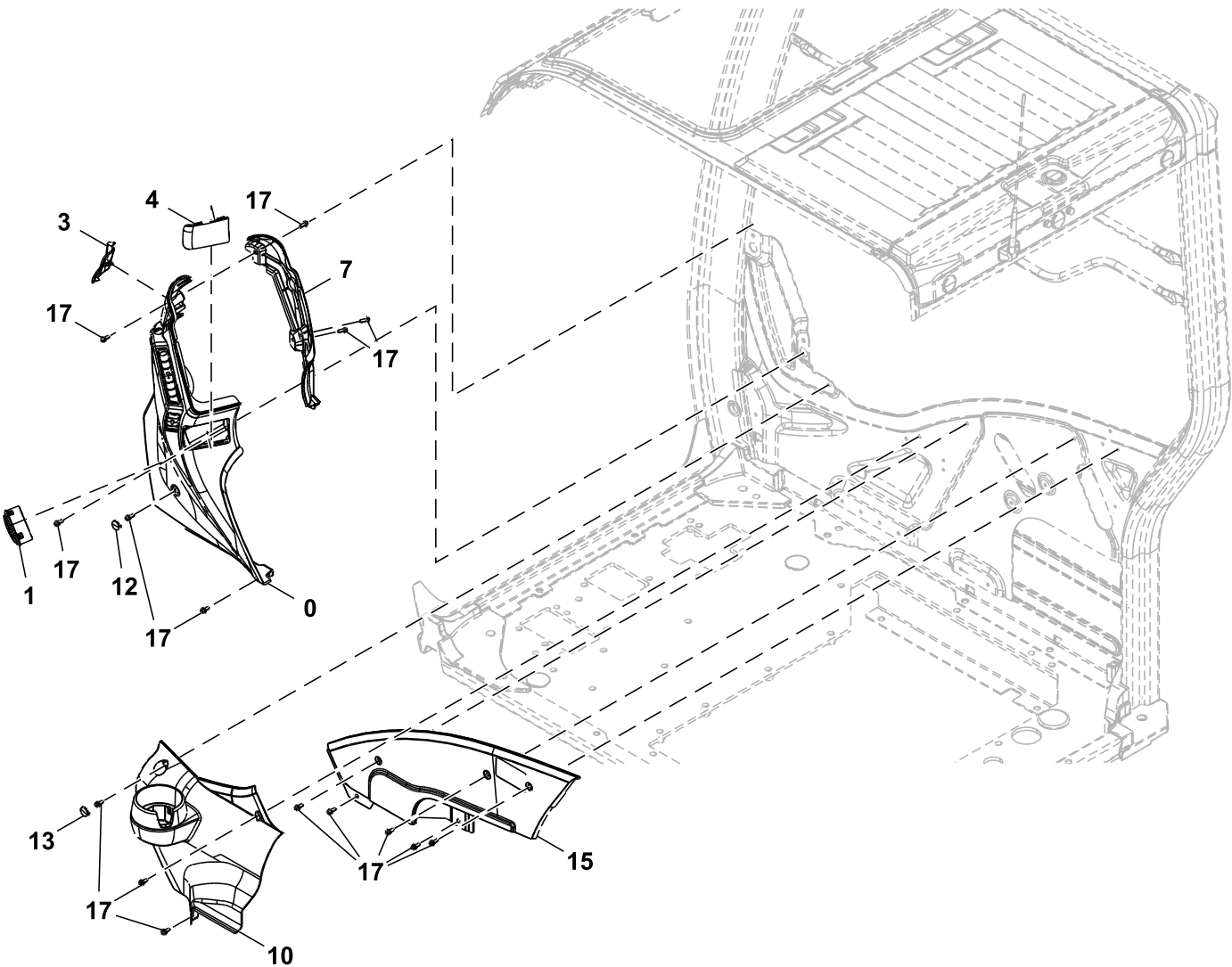
TX1116877

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	6027660	Console	1		Left
1	6027661	Console	1		Right
2	.....	Screw With Washer	6		J271035 NLA
	19M7550	Cap Screw	6		M10 X 35, SUB FOR J901035
	24M7346	Washer	6		11 X 20 X 2 mm, SUB FOR J222010
4	FYA00024756	Armrest	1		Left, SUB FOR 1036508
5	FYA00024757	Armrest	1		Right, SUB FOR 1036511
6	4713373	Bolt	4		
7	J222008	Washer	4		



Cab Inside Right Cover

TX1117107 B.1

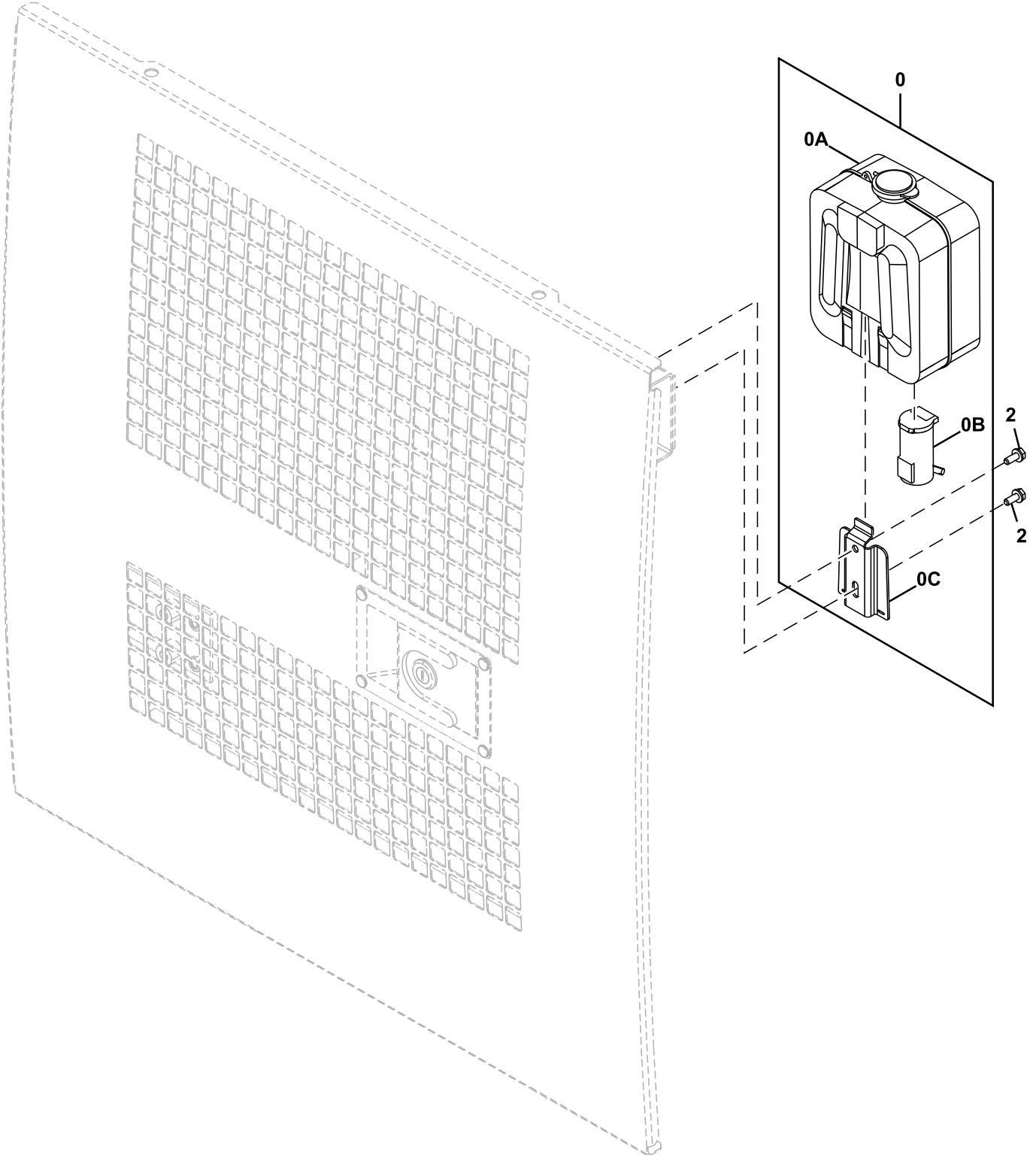


TX1117107

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	7058384	Cover	1		SUB FOR 2058730 OR 6028003
1	FYA00003014	Louver	1		
3	2058732	Cap	1		
4	2058733	Cap	1		
7	2058731	Cover	1		
10	7059337	Cover	1		
12	3118337	Cap	1		
13	3118298	Cap	1		
15	2058736	Cover	1		
17	.....	Screw With Washer	15		J680616 NLA
	21M7577	Socket Head Screw	15		M6 X 16
	12M7006	Lock Washer	15		6 mm
	24M7054	Washer	15		6.400 X 12 X 1.600 mm

Window Washer Reservoir

TX1117398 A.1

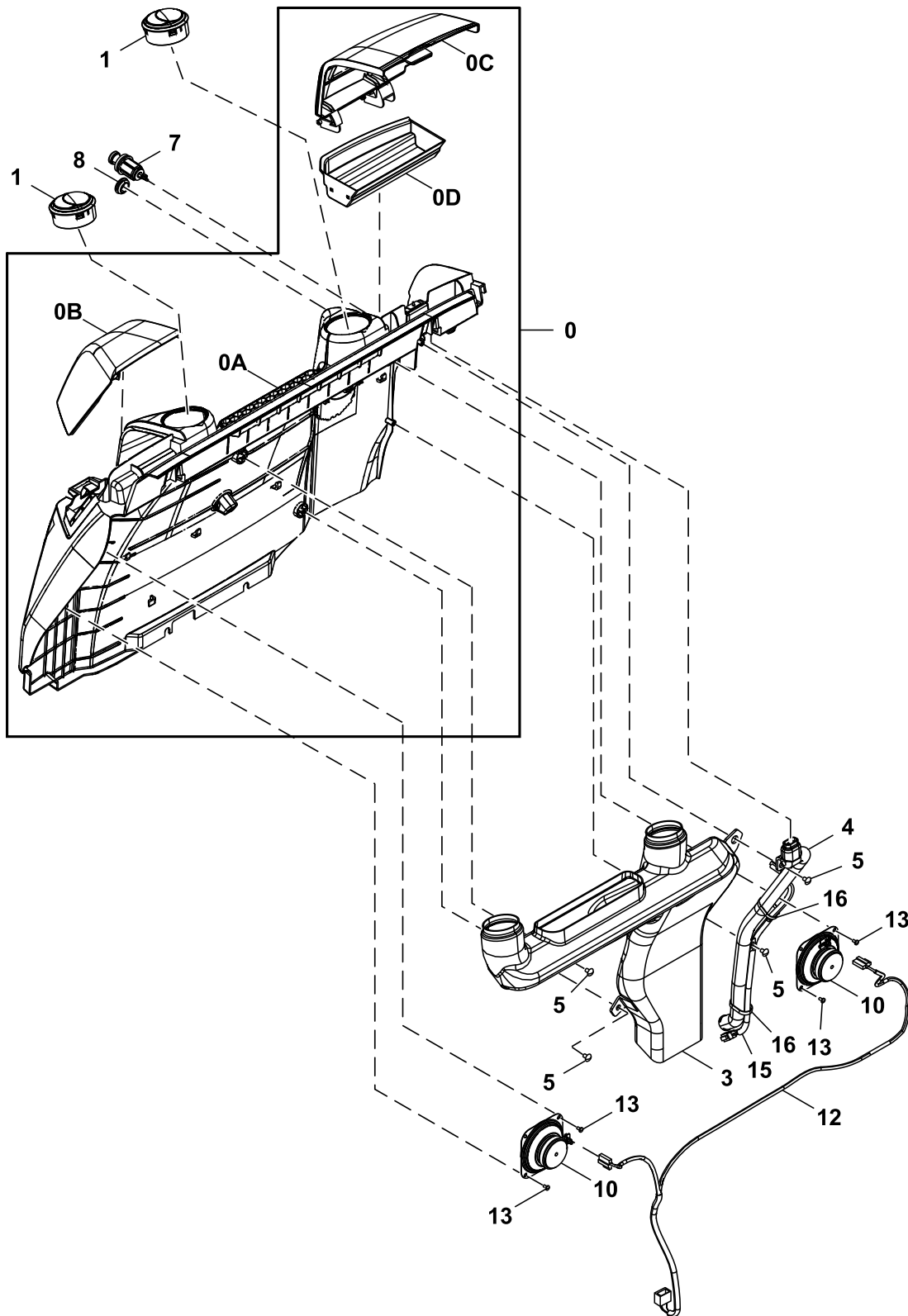


TX1117398

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	4333185	Reservoir	1		Window Washer
0A	.....	Reservoir	1		4369472 NLA
0B	4326095	Pump	1		24 V
0C	4338974	Bracket	1		
2	.....	Screw With Washer	2		J260616 NLA
	19M7560	Cap Screw	2		M6 X 16, SUB FOR J900616
	A590106	Washer	2		

Cab Rear Tray

TX1210629 A.1

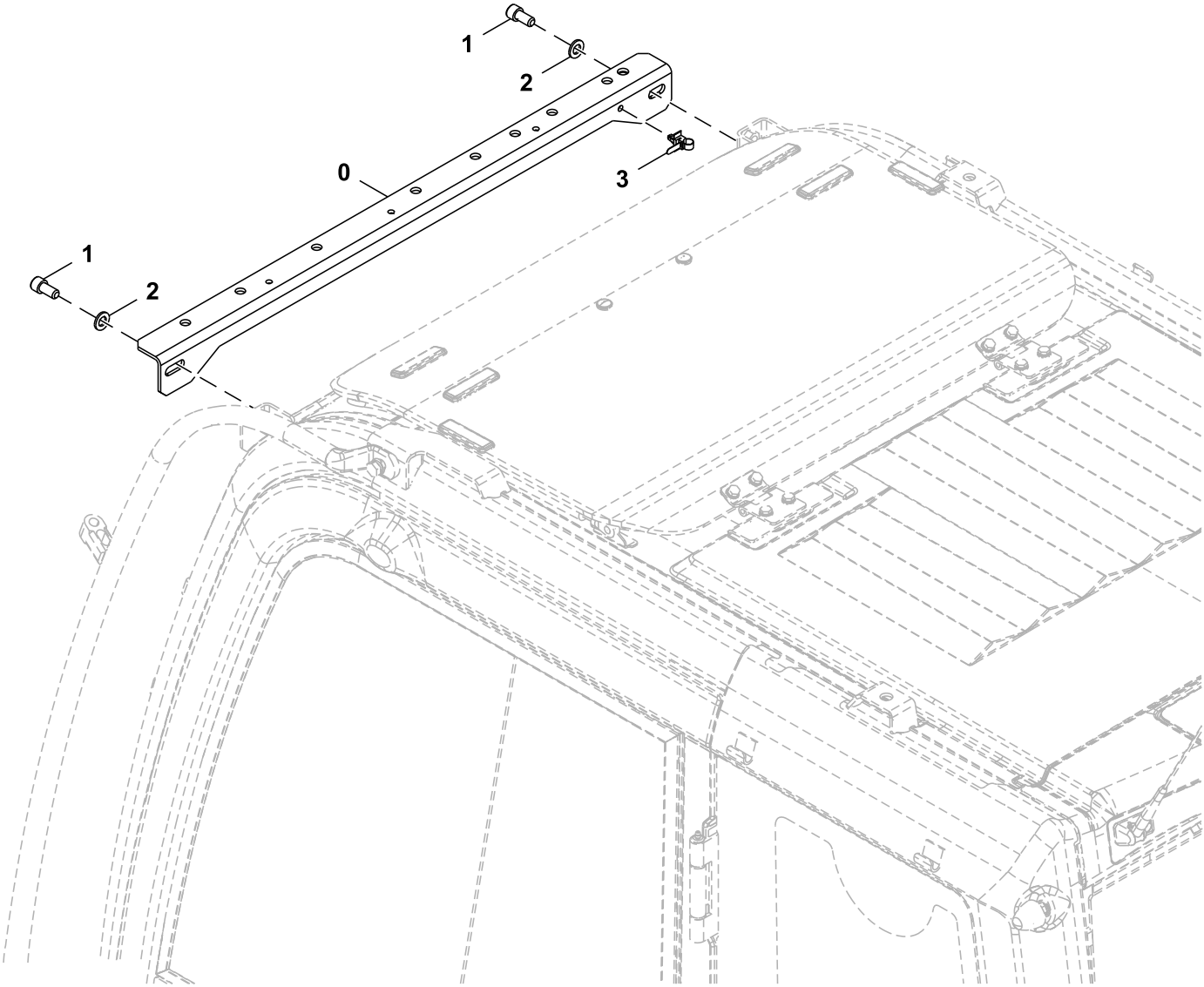


TX1210629

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	7059407	Cover	1		
0A	.....	Cover	1		
0B	7059339	Cover	1		2059238 NLA
0C	7059338	Cover	1		
0D	2053523	Cover	1		
1	FYA00003014	Louver	2		
3	7059403	Air Duct	1		
4	7059401	Air Duct	1		
5	4444700	Screw	4		
7	4653906	Mechanical Lighter	1		
8	4447072	Bushing	1		
10	4361302	Speaker	2		
12	4716639	Wiring Harness	1		Speakers
13	4361800	Screw	8		
15	4637479	Wiring Harness	1		Lighter
16	4055311	Clip	2		

Rain Visor Support

TX1089814 B.1



TX1089814

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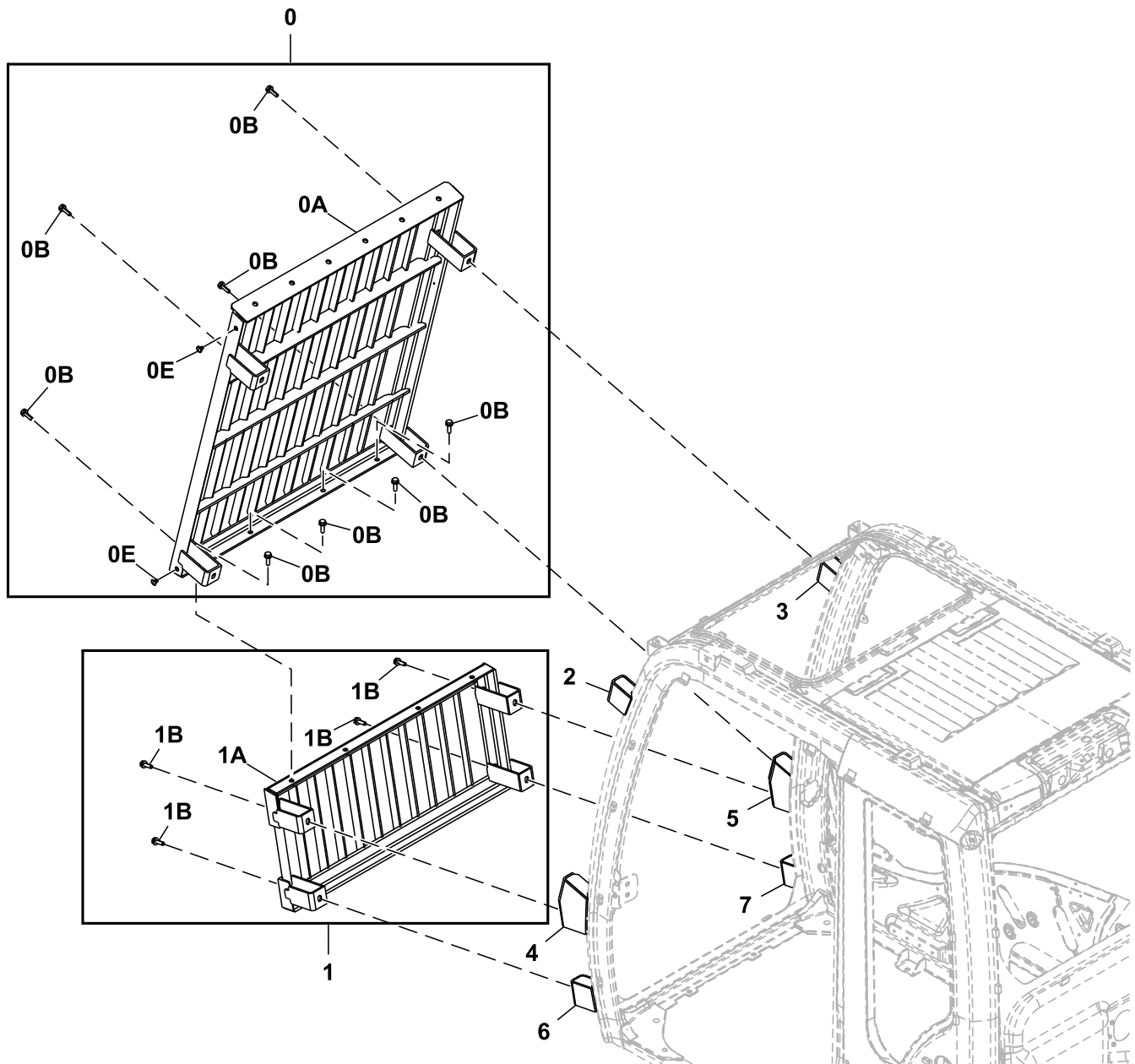
<i>Key</i>	<i>Part No.</i>	<i>Part Name</i>	<i>Qty.</i>	<i>Serial No.</i>	<i>Remarks</i>
0	7054613	Bracket	1		
1	J781225	Bolt	2		
2	24M7047	Washer	2		13 X 24 X 2.500 mm, SUB FOR A590112
3	4259220	Clip	1		

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Operator Protection Guard (OPG)

TX1089820 E.1



10 — 0,2,3

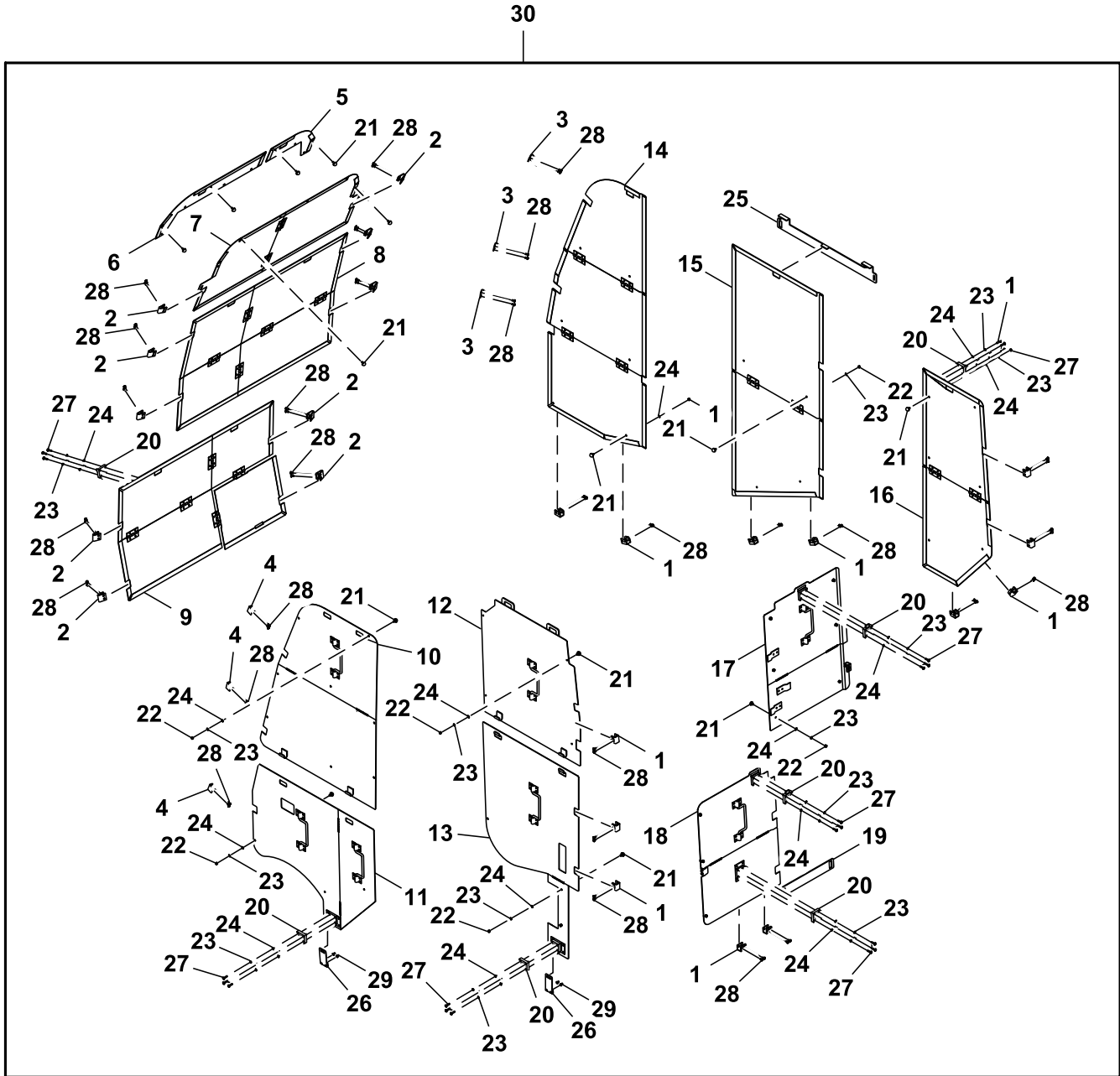
20 — 1,4,5,6,7

TX1089820

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	FYA00009151	Guard	1		Front Window Guard, Upper
0A	.....	Guard	1		NSEP
0B	.....	Screw With Washer	8		J271035 NLA
	19M7550	Cap Screw	8		M10 X 35, SUB FOR J901035
	24M7346	Washer	8		11 X 20 X 2 mm, SUB FOR J222010
0E	4662755	Clip	2		
1	FYA00009152	Guard	1		Front Window Guard, Lower
1A	.....	Guard	1		NSEP
1B	.....	Screw With Washer	4		J271035 NLA
	19M7550	Cap Screw	4		M10 X 35, SUB FOR J901035
	24M7346	Washer	4		11 X 20 X 2 mm, SUB FOR J222010
2	4666221	Bracket	1		
3	4666222	Bracket	1		
4	4666223	Bracket	1		
5	4666224	Bracket	1		
6	4666225	Bracket	1		
7	4666226	Bracket	1		
10	.....	<b>Field Installation Kit</b>	<b>1</b>		<b>AT390823 NLA, Front Window Guard, Upper, Whole Goods</b>
20	.....	<b>Field Installation Kit</b>	<b>1</b>		<b>AT390824 NLA, Front Window Guard, Lower, Whole Goods</b>
47	T232157	Safety Sign	1		Not Illustrated, Caution, Clearance, English
	.....	Safety Sign	1		Not Illustrated, Caution, Clearance, French, T232159 NLA
	T232158	Safety Sign	1		Not Illustrated, Caution, Clearance, Spanish
	T346392	Safety Sign	1		Not Illustrated, Caution, Clearance, Portuguese

Cab Vandal Protection Kit

TX1190257 B.1

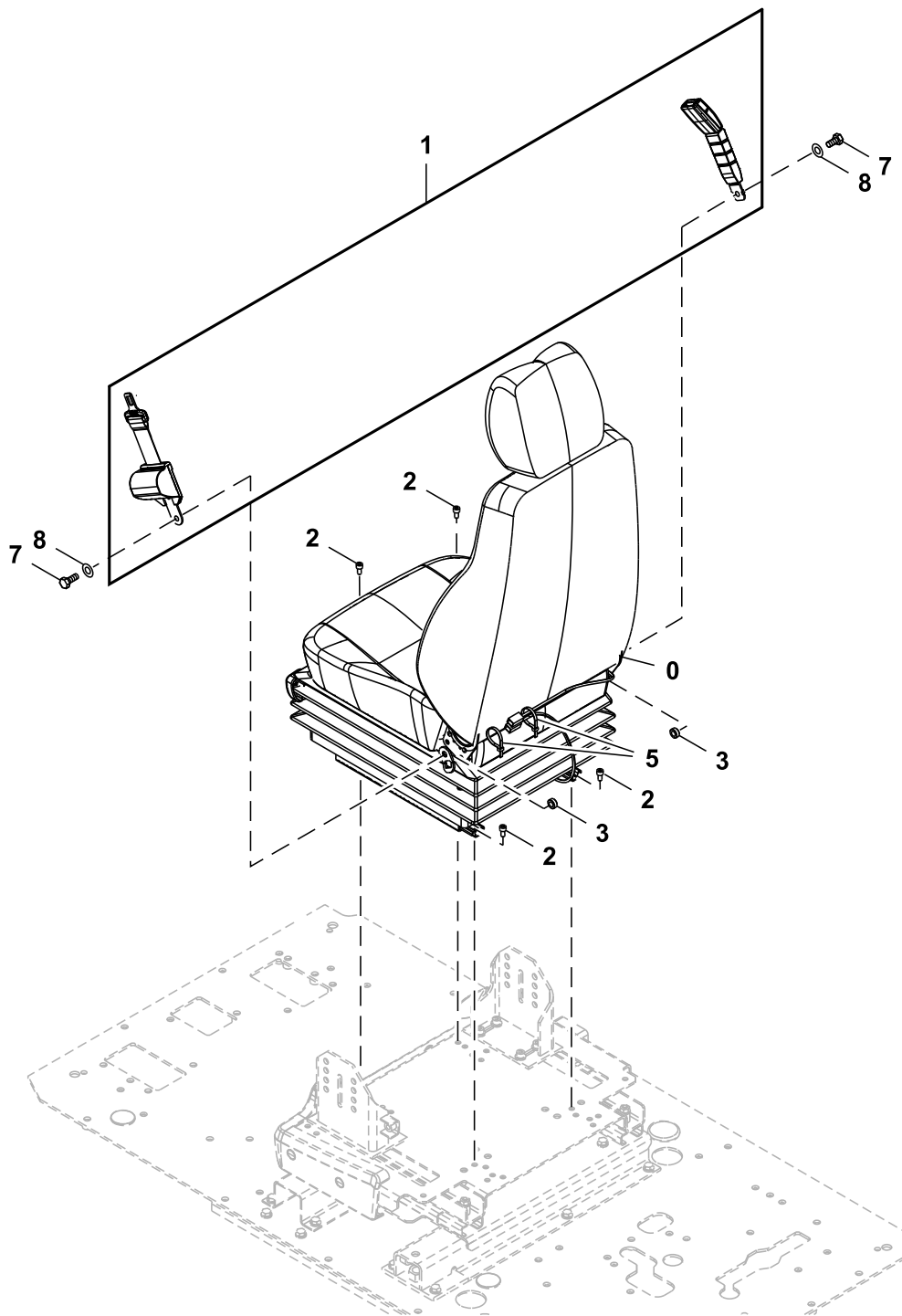


AT454146\_TX1190257

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
1	T228058	Bracket	15		
2	T225936	Bracket	10		
3	T225938	Angle	3		
4	T225939	Angle	4		
5	AT329639	Cover	1		Front Upper Right
6	AT329638	Cover	1		Front Upper Left
7	AT329618	Cover	1		Front Upper Center
8	AT329619	Cover	1		Front Center
9	AT405100	Cover	1		Front Lower
10	AT341068	Cover	1		Upper Door
11	AT341069	Cover	1		Lower Door
12	AT329630	Cover	1		LH Upper
13	AT341070	Cover	1		LH Lower
14	AT405101	Cover	1		Right Side Foward
15	AT405092	Cover	1		Right Side Center
16	FF532624	Cover	1		
17	FF532625	Cover	1		
18	FF532627	Cover	1		
19	FF532628	Plate	1		
20	4361601	Lock	7		
21	9738682	Bumper	53		
22	14M7297	Nut	43		M5
23	12M7064	Lock Washer	71		5 mm
24	24M7027	Washer	71		5.300 X 10 X 1 mm
25	T223713	Plate	1		
26	TH108983	Hinge	2		SUB FOR 4207538
27	21M7647	Socket Head Screw	28		M5 X 20
28	21M7648	Socket Head Screw	64		M5 X 10
29	21M7249	Screw	4		M5 X 10
30	<b>AT454146</b>	<b>Field Installation Kit</b>	<b>1</b>		<b>Cab Vandal Protection Kit, Whole Goods</b>

Air Suspension Seat, Heated

TX1185580 A.1

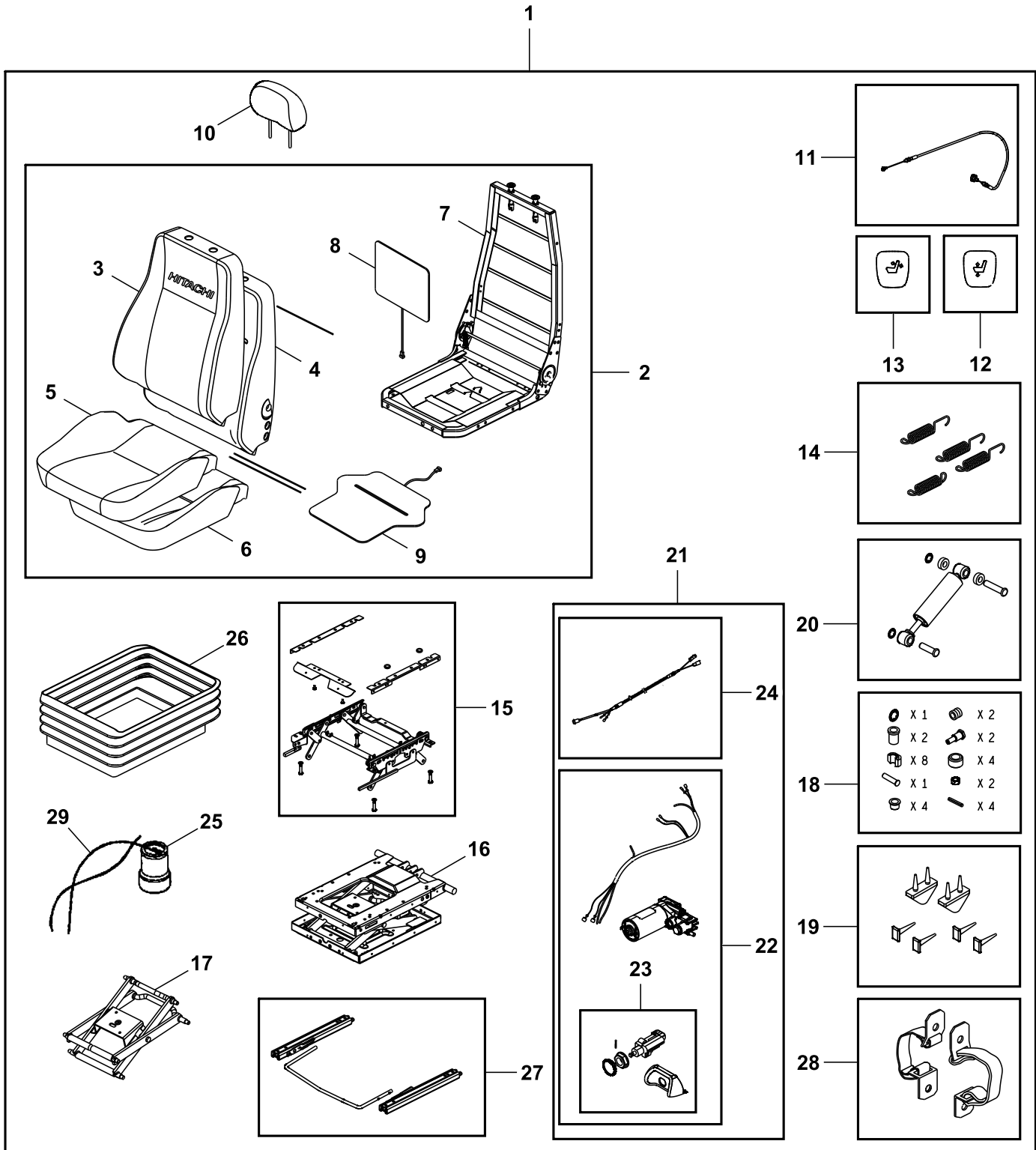


TX1185580

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	FYA00002392	Seat Suspension	1		Components On Separate Page
1	FYA00045982	Seat Belt	1		
2	19M7647	Screw	4		M8 X 16, SUB FOR M340816
3	4372200	Spacer	2		
5	H77698	Tie Band	2		SUB FOR 4055312
7	4714449	Bolt	2		
8	24M7345	Washer	2		13.500 X 24 X 2.500 mm, SUB FOR J222012

Air Suspension Heated Seat Components

TX1145216 C.1



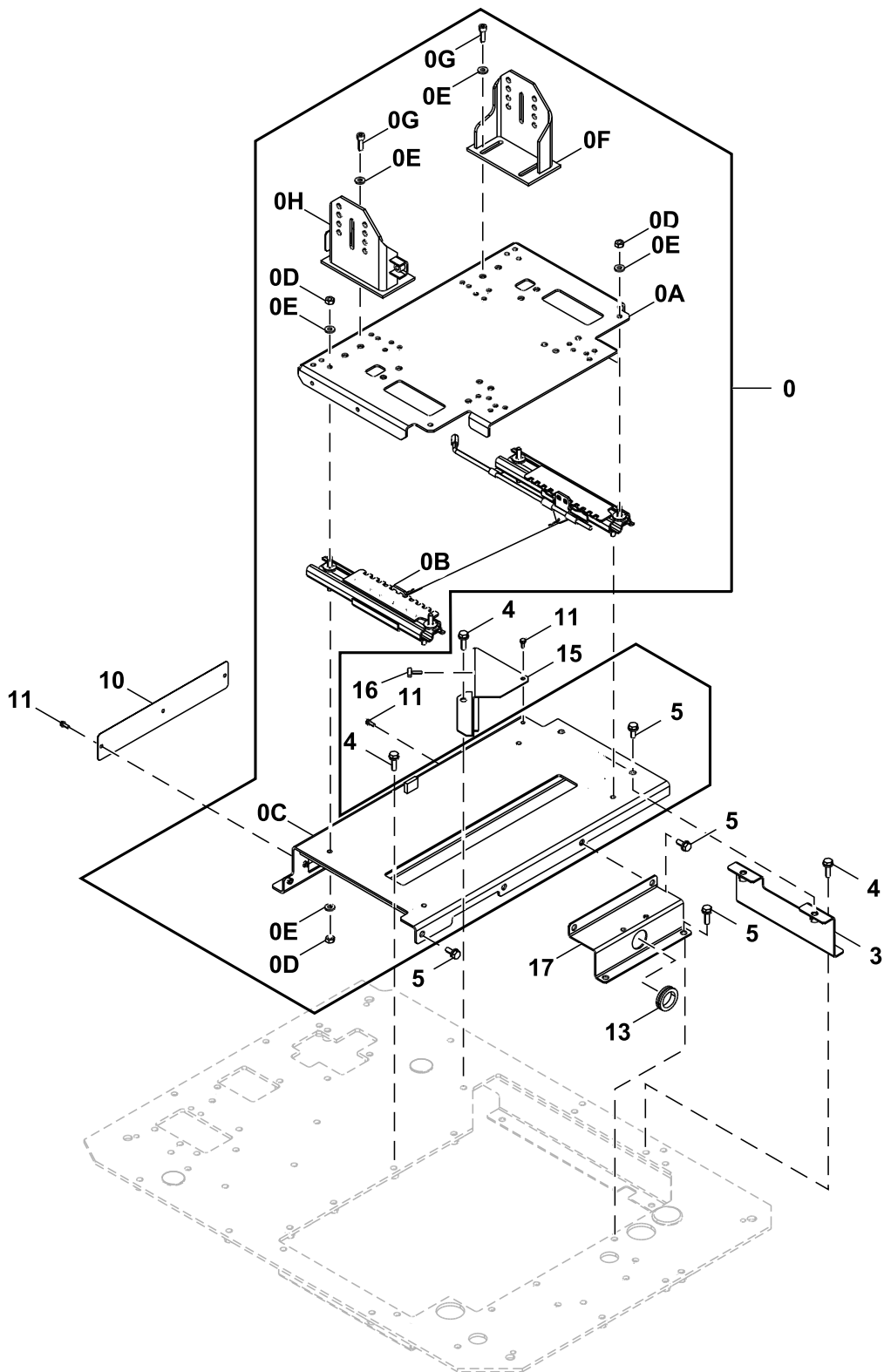
TX1145216

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
1	FYA00002392	Seat Suspension	1		
2	FYA00008933	Seat Kit	1		
3	FYA00008925	Seat Back	1		Cover
4	4660717R	Pad	1		Seat Back Foam, SUB FOR 4660717
5	FYA00008915	Seat	1		Cover
6	4392798R	Pad	1		Bottom Seat Foam, SUB FOR 4392798
7	4660720R	Frame	1		SUB FOR 4660720
8	AT329366	Heater	1		SUB FOR 4666087
9	4666056	Cable	1		
10	FYA00008916	Head Restraint	1		Headrest
11	AT417627	Seat Adjustment Cable Kit	1		Adjuster Cable, SUB FOR FYA00008917
12	4610640	Handle	1		Seat Recline/Incline
13	4610641	Handle	1		Seat Raise/Lower
14	AT417629	Spring Kit	1		Height Riser Spring, SUB FOR FYA00008927
15	4392801R	Stand	1		Height Riser Kit, SUB FOR 4392801
16	AT417632	Seat Suspension	1		Bearing Kit, SUB FOR FYA00008934
17	AT417642	Lever Kit	1		Center Pivot Kit, SUB FOR 4666052
18	4392812R	Bushing	1		Bearing Kit, SUB FOR 4392812
19	4392805R	Stop	1		Bumperspot Kit, SUB FOR 4392805
20	AT417633	Torsional Damper	1		SUB FOR FYA00008929
21	FYA00008935	Compressor	1		
22	AT417638	Compressor Kit	1		ALSO ORDER AT417639, SUB FOR FYA00008936
	AT417639	Compressor Valve Kit	1		
23	4660732R	Valve	1		Compressor, SUB FOR 4660732
24	4666059	Cable	1		
25	AT329373	Air Spring Seat Kit	1		Air Spring Seat Kit, SUB FOR 4666054 AND AT417641
26	AT417640	Seat Suspension Boot Kit	1		Suspension Cover, SUB FOR FYA00008937
27	AT417643	Adjuster Kit	1		Fore Aft Adjustment Kit, SUB FOR FYA00008931
28	AT417636	Belt Kit	1		Includes Hardware, Tether Belt, SUB FOR FYA00008932
29	AT329370	Pipe Kit	1		Air Hose



Seat Stand

TX1115965 C.1

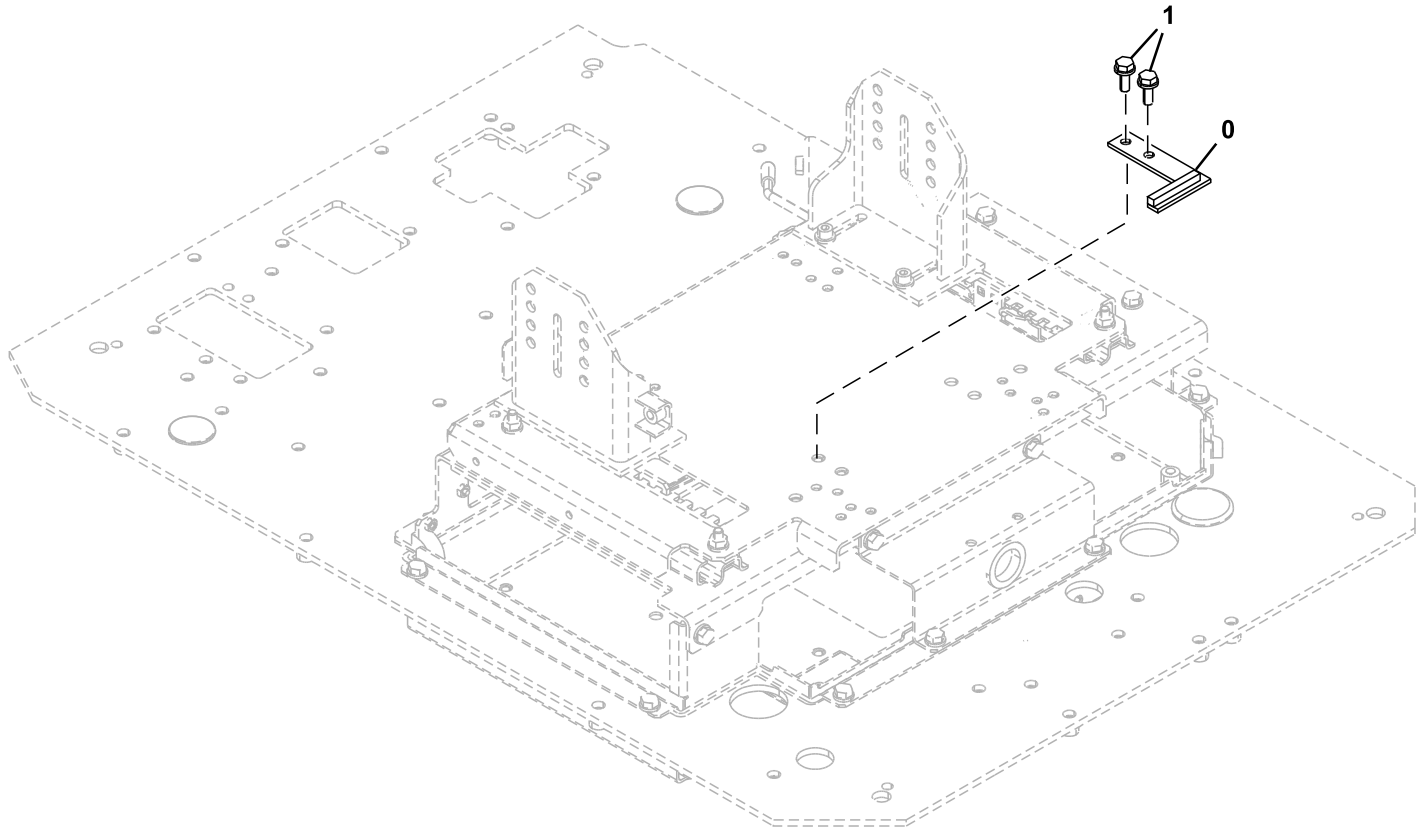


TX1115965

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	.....	Stand	1		9314921 NLA
0A	6028158	Bracket	1		
0B	4717233	Seat Slide Track Kit	1		
0C	6028208	Stand	1		
0D	14M7444	Nut	8		M10, SUB FOR J952010
0E	24M7346	Washer	12		11 X 20 X 2 mm, SUB FOR J222010
0F	7057118	Stand	1		
0G	19M7576	Screw	4		M10 X 30, SUB FOR J781030
0H	7059366	Stand	1		
3	9772702	Bracket	1		
4	.....	Screw With Washer	9		J271035 NLA
	19M7550	Cap Screw	9		M10 X 35, SUB FOR J901035
	24M7346	Washer	9		11 X 20 X 2 mm, SUB FOR J222010
5	.....	Screw With Washer	5		J271025 NLA
	19M7402	Cap Screw	5		M10 X 25, J271025 NLA
	24M7346	Washer	5		11 X 20 X 2 mm
10	4659472	Plate	1		
11	.....	Screw With Washer	5		J260616 NLA
	19M7560	Cap Screw	5		M6 X 16, SUB FOR J900616
	24M7054	Washer	5		6.400 X 12 X 1.600 mm, SUB FOR A590106
13	U15091	Grommet	1		SUB FOR 4210485
15	9772651	Grille	1		
16	4684275	Knob	1		
17	8123732	Bracket	1		

**Seat Slide Stop**

TX1117457 A.1

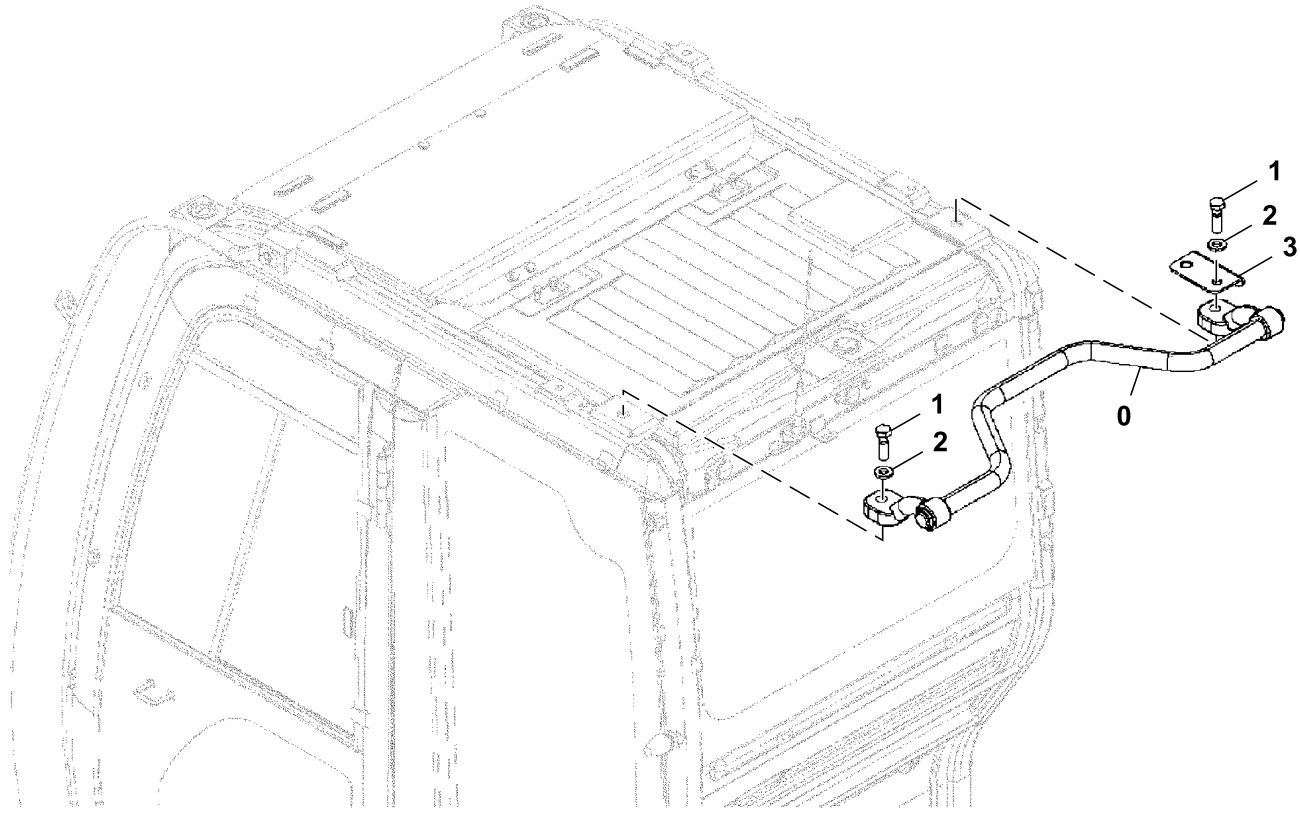


**TX1117457**

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	9772598	Stop	1		
1	.....	Screw With Washer	2		J271030 NLA
	19M7662	Cap Screw	2		M10 X 30, SUB FOR J901030
	24M7346	Washer	2		11 X 20 X 2 mm, SUB FOR J222010

**Cab Rear Handrail**

TX1211366 A.1



TX1211366

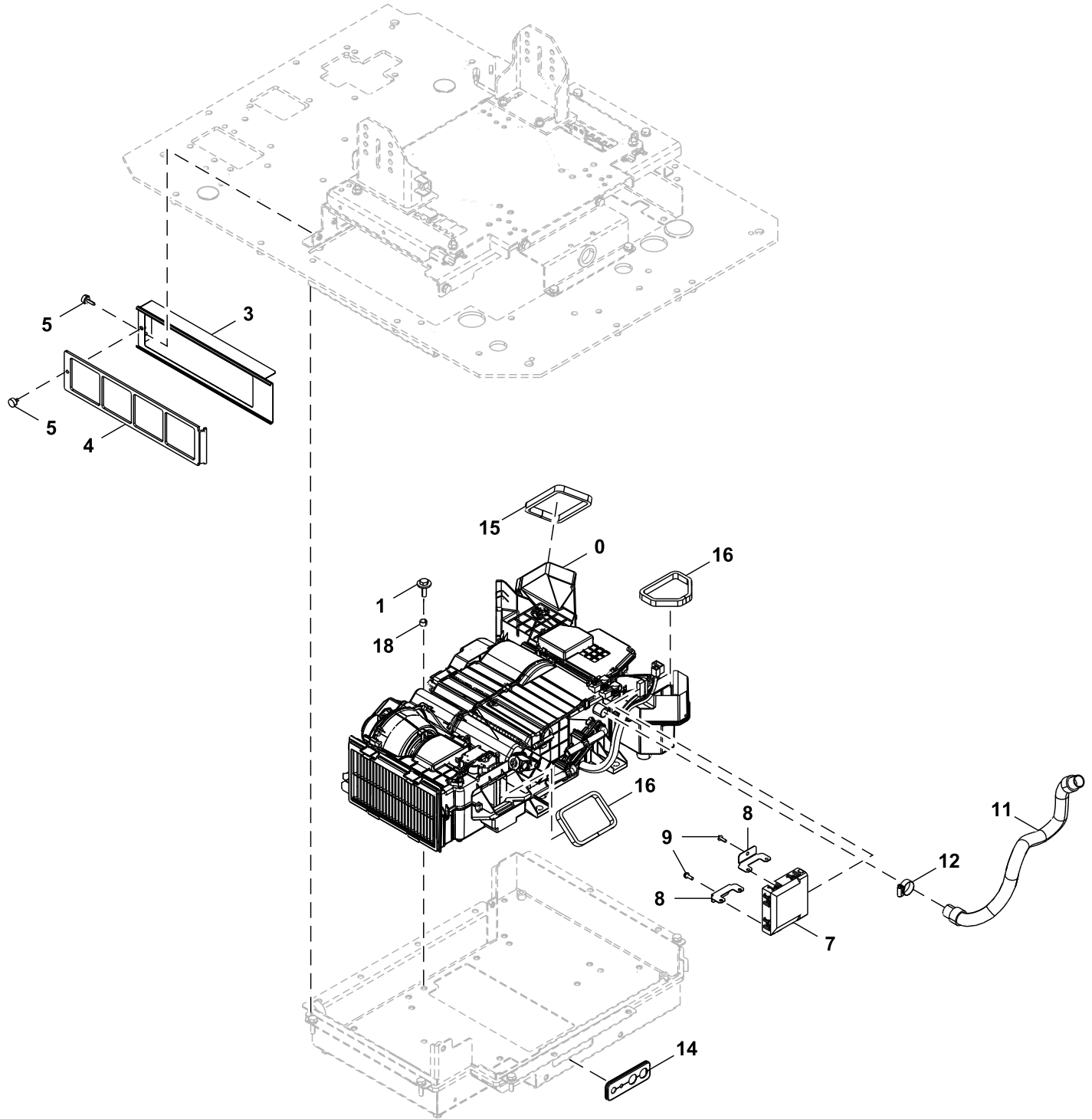
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<i>Key</i>	<i>Part No.</i>	<i>Part Name</i>	<i>Qty.</i>	<i>Serial No.</i>	<i>Remarks</i>
0	FYA00042276	Handrail	1		
1	19M8295	Cap Screw	2		M16 X 55, SUB FOR J921655
2	24M7338	Washer	2		17 X 30 X 3 mm, SUB FOR J222016
3	FYA00047530	Bracket	1		

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**Air Conditioner**

TX1115855 B.1



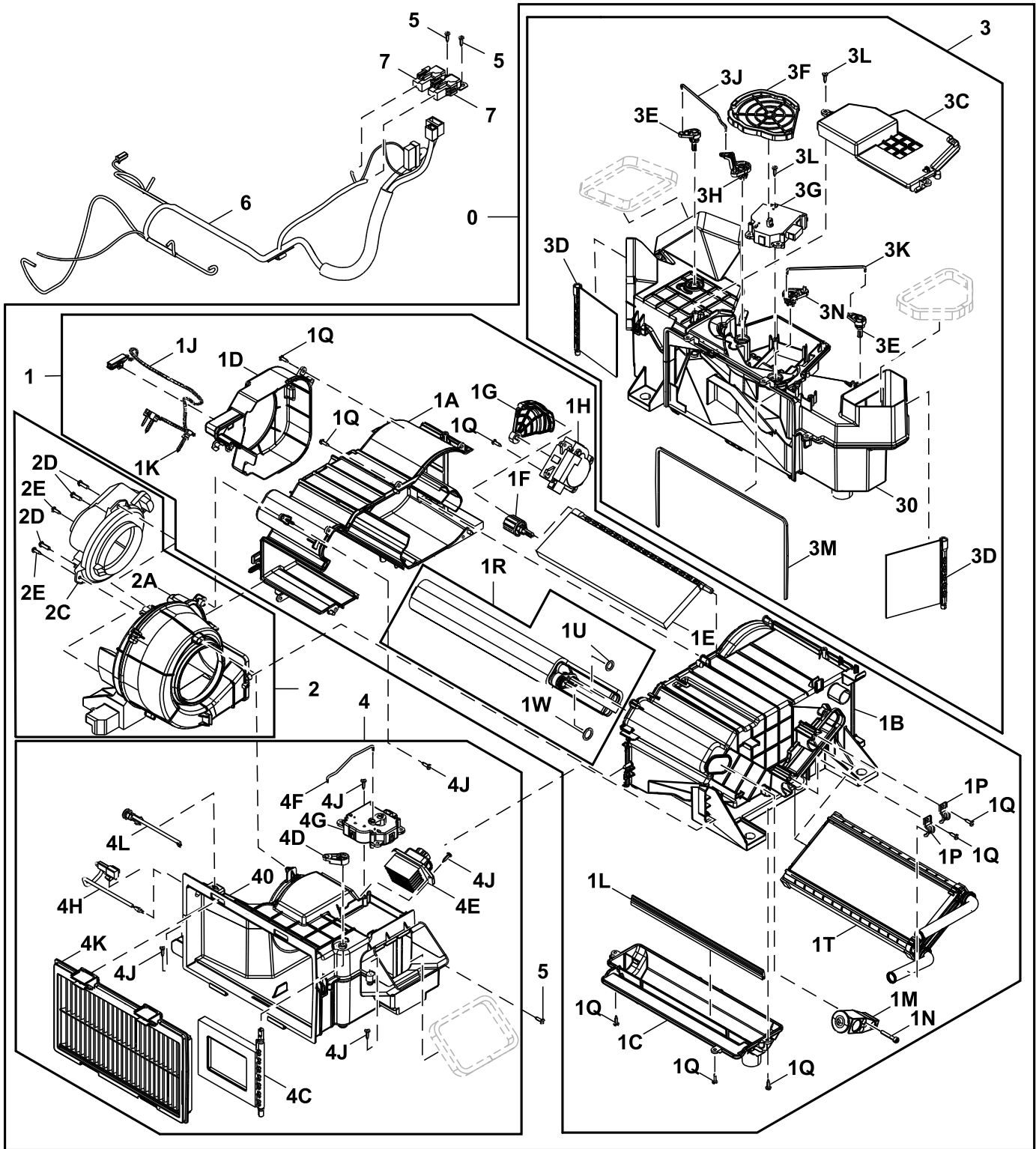
TX1115855

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	4717393	Air Conditioner	1		Components On Seperate Page
1	.....	Screw With Washer	7		J281035 NLA
	19M7550	Cap Screw	7		M10 X 35, SUB FOR J901035
	4486055	Washer	7		
3	8122346	Case	1		
4	4S00687	Filter	1		SUB FOR 4445864
5	4684275	Knob	2		
7	FYA00048010	Air Heater Controller	1		SUB FOR FYA00007726
8	4714244	Bracket	2		
9	.....	Screw With Washer	2		J460620 NLA
	12M7006	Lock Washer	2		6 mm
	21M7267	Screw	2		M6 X 20
	24M7293	Washer	2		6.500 X 13 X 1.600 mm
11	4451258	Hydraulic Hose	1		
12	TY22467	Clamp	1		SUB FOR 4504367
14	4716592	Bushing	1		
15	4726107	Isolator	1		
16	4726108	Isolator	2		
18	FYA00008897	Spacer	7		



Air Conditioner (A/C) and Heater Components

TX1117391 F.1

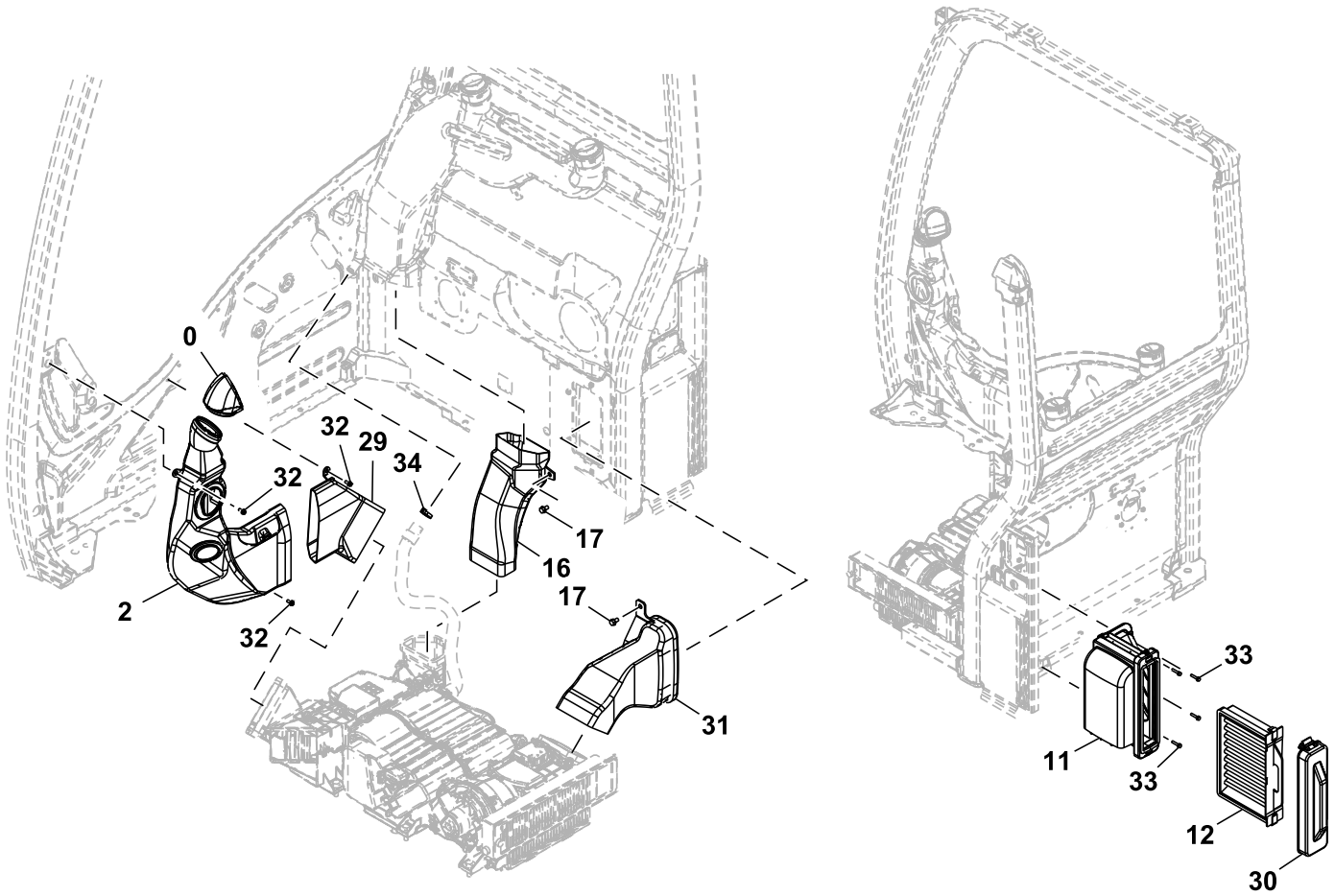


TX1117391

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	4717393	Air Conditioner	1		
1	FYA00021551	Air Conditioner	1		
1A	FYA00002188	Case	1		
1B	FYA00002202	Case	1		
1C	FYA00021552	Plate	1		
1D	FYA00021553	Plate	1		
1E	FXB00001069	Door	1		
1F	FYA00022717	Lever	1		
1G	FYA00021554	Plate	1		
1H	FXB00001056	Motor	1		Cooling Motor
1J	FYA00021556	Thermistor	1		
1K	FXB00001053	Clamp	1		
1L	FYA00021557	Packing	1		
1M	FXB00018343	Valve	1		Expansion Valve, SUB FOR FXB00001045
1N	FYA00021558	Bolt	2		
1P	FYA00021560	Clamp	2		
1Q	4382883	Screw	17		
1R	FYA00021555	Evaporator	1		
1T	FYA00021559	Heater	1		
1U	957366	O-Ring	1		SUB FOR 4350207
1W	4297380	O-Ring	1		SUB FOR 4622346 OR 4350206
2	.....	Blower	1		FYA00021561 NLA
2A	FYA00077631	Case	1		SUB FOR FYA00002204
2C	FYA00021562	Motor	1		
2D	FXB00001065	Screw	3		
2E	4382883	Screw	3		
3	FYA00021563	Case	1		
3A	.....	Case	1		NLA
3B	.....	Case	1		NLA
3C	FYA00021564	Plate	1		
3D	FYA00022718	Door	2		
3E	FYA00022719	Lever	2		
3F	FYA00021565	Plate	1		
3G	FXB00001056	Motor	1		
3H	FYA00022720	Lever	1		
3J	FYA00022722	Shaft	1		
3K	FYA00022723	Shaft	1		
3L	4382883	Screw	11		
3M	FYA00022724	Packing	1		
3N	FYA00022721	Lever	1		
4	FYA00021566	Case	1		
4A	.....	Case	1		NLA
4B	.....	Case	1		NLA
4C	FYA00022725	Door	1		
4D	FYA00022726	Lever	1		
4E	FXB00001058	Resistor	1		
4F	FYA00021567	Shaft	1		
4G	FXB00001059	Motor	1		Air Door Motor
4H	FXB00001061	Sensor	1		Thermo
4J	4382883	Screw	8		
4K	FYA00011003	Air Filter	1		
4L	FYA00021568	Plate	1		
5	4382883	Screw	8		
6	FYA00021570	Wiring Harness	1		Air Conditioning
7	FXB00001063	Relay	2		Air Conditioner and Heater Blower Motor Relay
30	FYA00002161	Case	1		
40	FYA00002280	Case	1		

Air Conditioner and Heater Duct

TX1116816 B.1

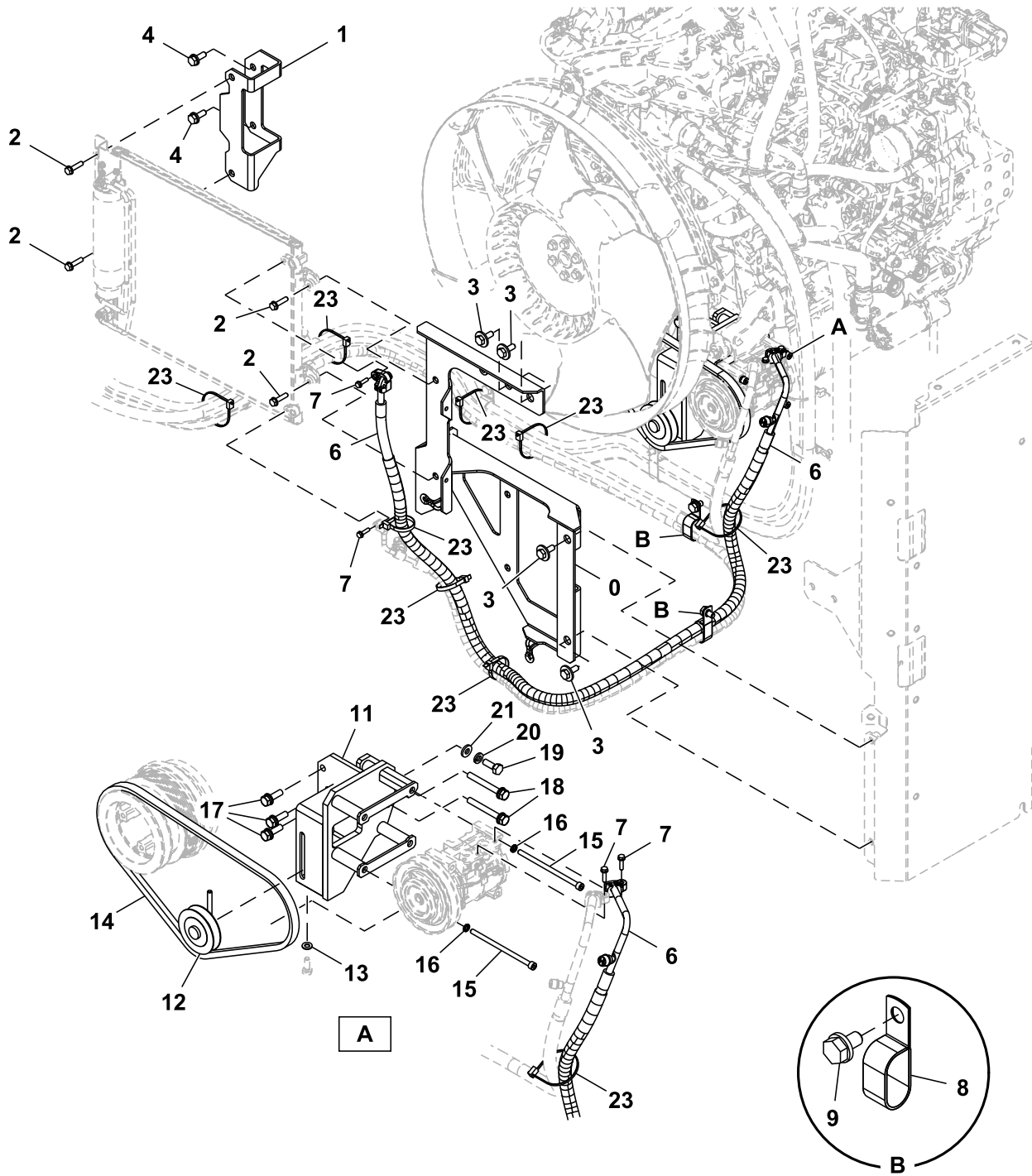


TX1116816

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	7058382	Grille	1		
2	7058363	Air Duct	1		Does Not Include, 4647815
	4647815	Sensor	1		Solar
11	7059405	Case	1		
12	4S00640R	Air Filter	1		SUB FOR 4S00640 OR 4350249
16	7059198	Air Duct	1		
17	.....	Screw With Washer	2		J260816 NLA
	19M7162	Cap Screw	2		M8 X 16
	24M7055	Washer	2		8.400 X 16 X 1.600 mm
29	2059707	Air Duct	1		
30	2059708	Cover	1		
31	7059197	Air Duct	1		
32	.....	Screw With Washer	3		J680616 NLA
	12M7006	Lock Washer	3		6 mm
	21M7577	Socket Head Screw	3		M6 X 16
	24M7054	Washer	3		6.400 X 12 X 1.600 mm
33	.....	Screw With Washer	4		J260630 NLA
	19M7318	Screw	4		M6 X 30, SUB FOR J900630
	24M7054	Washer	4		6.400 X 12 X 1.600 mm, SUB FOR A590106
34	H77698	Tie Band	1		SUB FOR 4055311

Air Conditioner Refrigerant Hose and Compressor Belt

TX1210315 A.4

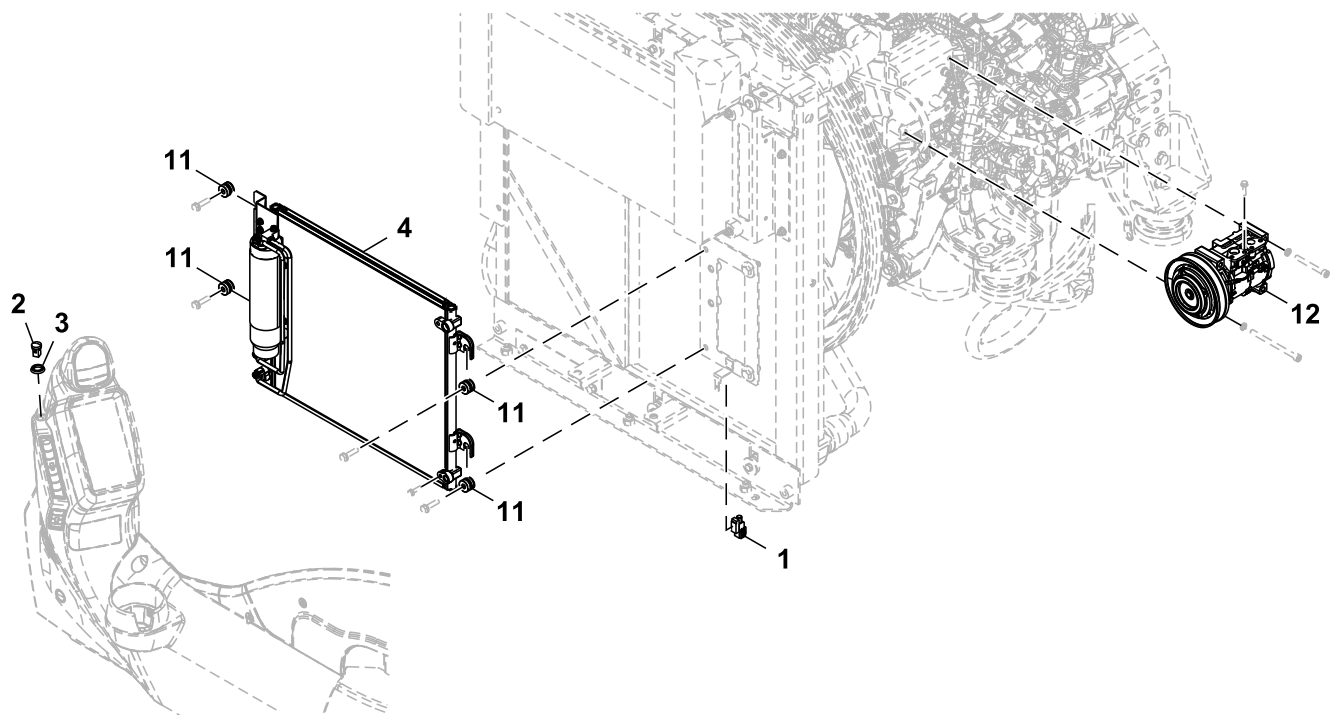


TX1210315

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	FYA40026596	Bracket	1		
1	FYA40026598	Bracket	1		
2	.....	Screw With Washer	4		J260835 NLA
	J900835	Cap Screw	4		
	A590108	Washer	4		
3	.....	Screw With Washer	4		J281030 NLA
	19M7662	Cap Screw	4		M10 X 30, SUB FOR J901030
	4486055	Washer	4		
4	.....	Screw With Washer	2		J271030 NLA
	19M7662	Cap Screw	2		M10 X 30, SUB FOR J901030
	24M7346	Washer	2		11 X 20 X 2 mm, SUB FOR J222010
6	FYA00042378	Hose	1		INCLUDES 957366 AND 4475232
	957366	O-Ring	1		SUB FOR 4350207
	4475232	Cap	1		
7	.....	Screw With Washer	4		J260625 NLA
	19M7286	Cap Screw	4		M6 X 25, SUB FOR J900625
	24M7054	Washer	4		6.400 X 12 X 1.600 mm, SUB FOR A590106
8	4190266	Clip	2		
9	.....	Screw With Washer	2		J271020 NLA
	19M7938	Cap Screw	2		M10 X 20, SUB FOR J901020
	24M7346	Washer	2		11 X 20 X 2 mm, SUB FOR J222010
11	FYA40008134	Bracket	1		
12	4346770	Pulley	1		
13	24M7055	Washer	1		8.400 X 16 X 1.600 mm, SUB FOR A590108
14	FYA00007116	V-Belt	1		
15	J780810	Bolt	4		
16	4724292	Washer	4		
17	.....	Screw With Washer	3		4678444 NLA
	19M7550	Cap Screw	3		M10 X 35, SUB FOR J901035
	12M7066	Lock Washer	3		10 mm, SUB FOR A590910
	24M7346	Washer	1		11 X 20 X 2 mm, SUB FOR J222010
18	.....	Screw With Washer	2		4678452 NLA
	19M8197	Cap Screw	2		M10 X 85, SUB FOR J901085
	12M7066	Lock Washer	2		10 mm, SUB FOR A590910
	24M7346	Washer	2		11 X 20 X 2 mm, SUB FOR J222010
19	19M7662	Cap Screw	1		M10 X 30, SUB FOR J921030
20	12M7066	Lock Washer	1		10 mm, SUB FOR A590910
21	24M7346	Washer	1		11 X 20 X 2 mm, SUB FOR J222010
23	H77698	Tie Band	8		SUB FOR 4055312

Air Conditioning Compressor, Condenser, and Sensor

TX1117083 B.1



TX1117083

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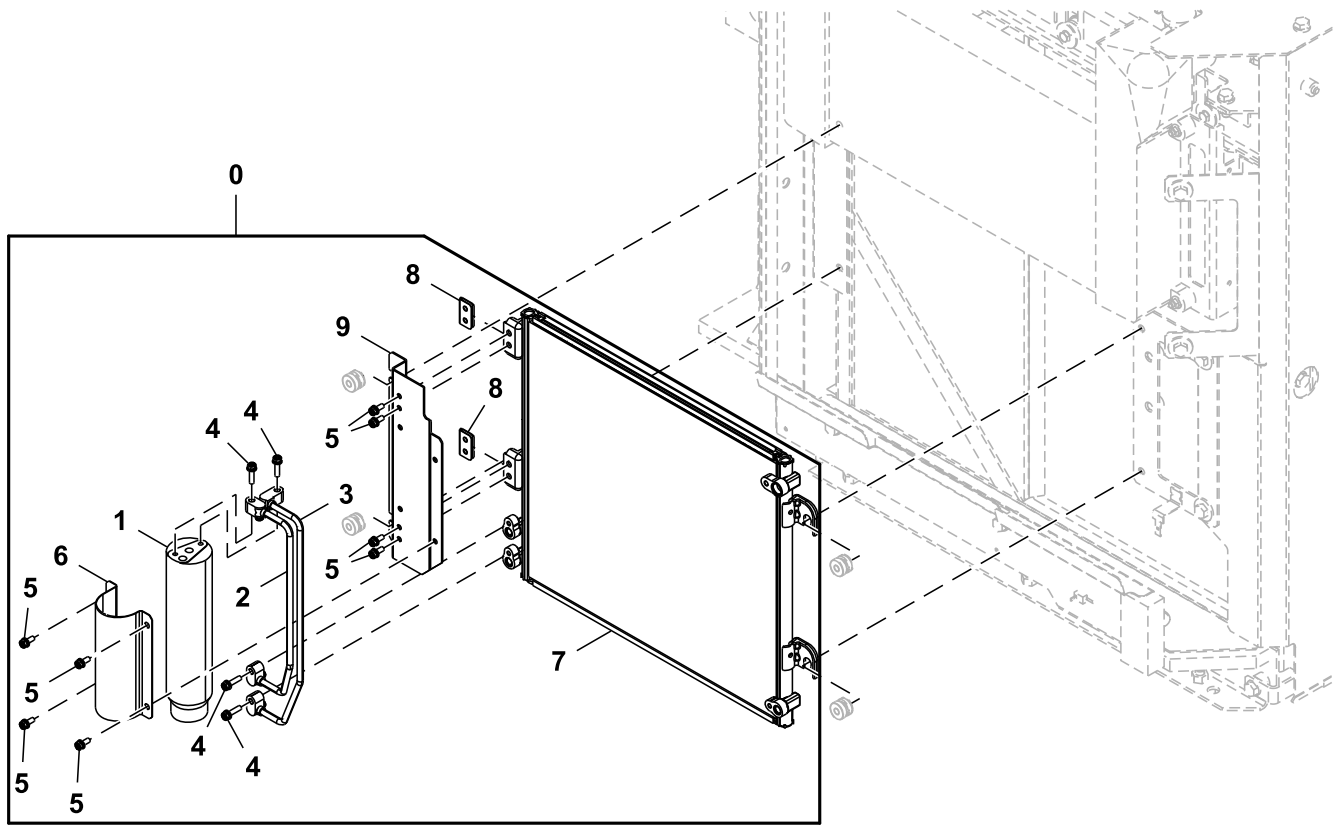
<i>Key</i>	<i>Part No.</i>	<i>Part Name</i>	<i>Qty.</i>	<i>Serial No.</i>	<i>Remarks</i>
1	4405815	Sensor	1		Air Conditioner High/Low Pressure Switch
2	4405814	Sensor	1		Solar
3	4405194	Spacer	1		
4	4704924	Vapor Condenser	1		Components on Separate Page
11	4618721	Bushing	4		
12	4721999	Compressor	1		Components on Separate Page

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Air Conditioner (A/C) Condenser Components

TX1117085 D.1

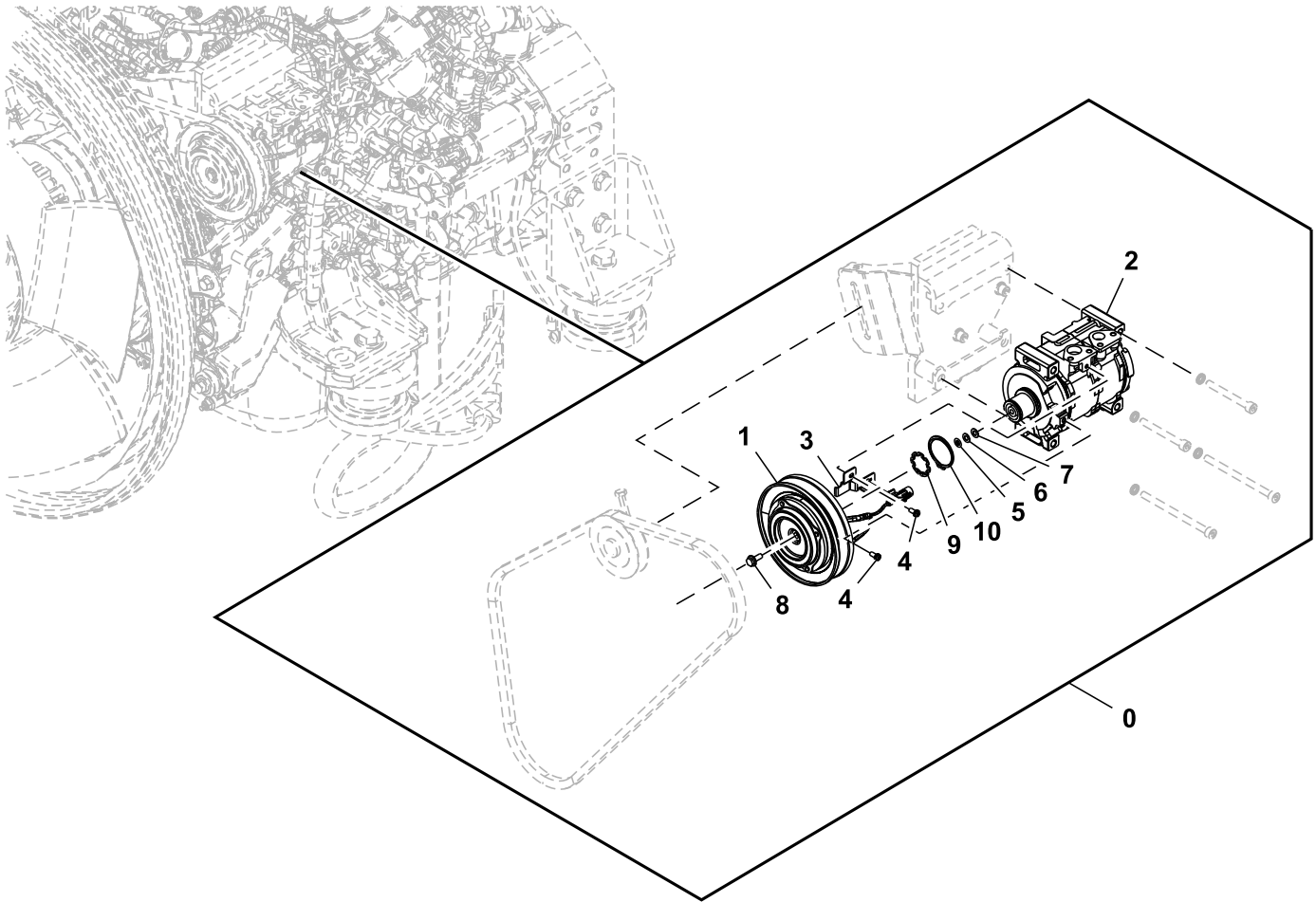


TX1117085

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	4704924	Vapor Condenser	1		
1	4333461	Receiver-Dryer	1		
2	FXB00001031	Tube	1		INCLUDES 957366 AND CH11568
	957366	O-Ring	1		Inlet
	CH11568	Packing	1		Outlet
3	FXB00001032	Tube	1		INCLUDES 957366 AND CH11568
	957366	O-Ring	1		Inlet
	CH11568	Packing	1		Outlet
4	FXB00001033	Bolt	4		
5	FXB00001034	Bolt	8		
6	FXB00001035	Holder	1		
7	FXB00001036	Core	1		
8	FXB00001037	Bracket	2		
9	FXB00001038	Bracket	1		

**Air Conditioner Compressor Components**

TX1117084 C.1



TX1117084

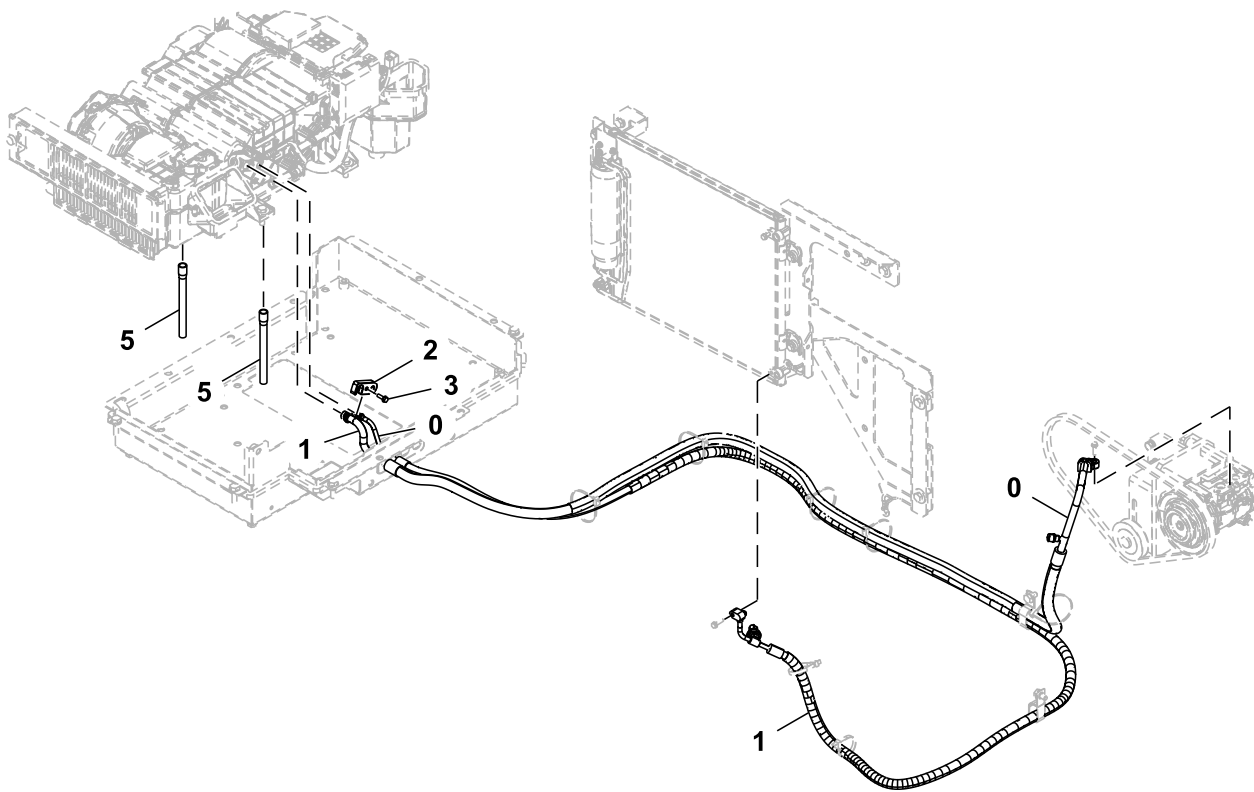
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<i>Key</i>	<i>Part No.</i>	<i>Part Name</i>	<i>Qty.</i>	<i>Serial No.</i>	<i>Remarks</i>
0	4721999	Compressor	1		
1	FXB00001039	Clutch	1		
2	FXB00001040	Compressor	1		
3	FXB00001041	Bracket	1		
4	4475245	Screw	2		
5	4475237	Washer	1		
6	4475242	Washer	1		
7	4475243	Washer	1		
8	4475244	Bolt	1		
9	4475236	Ring	1		
10	4475230	Ring	1		

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**Air Conditioner (A/C) Compressor and Condenser Hoses**

TX1210333 A.1

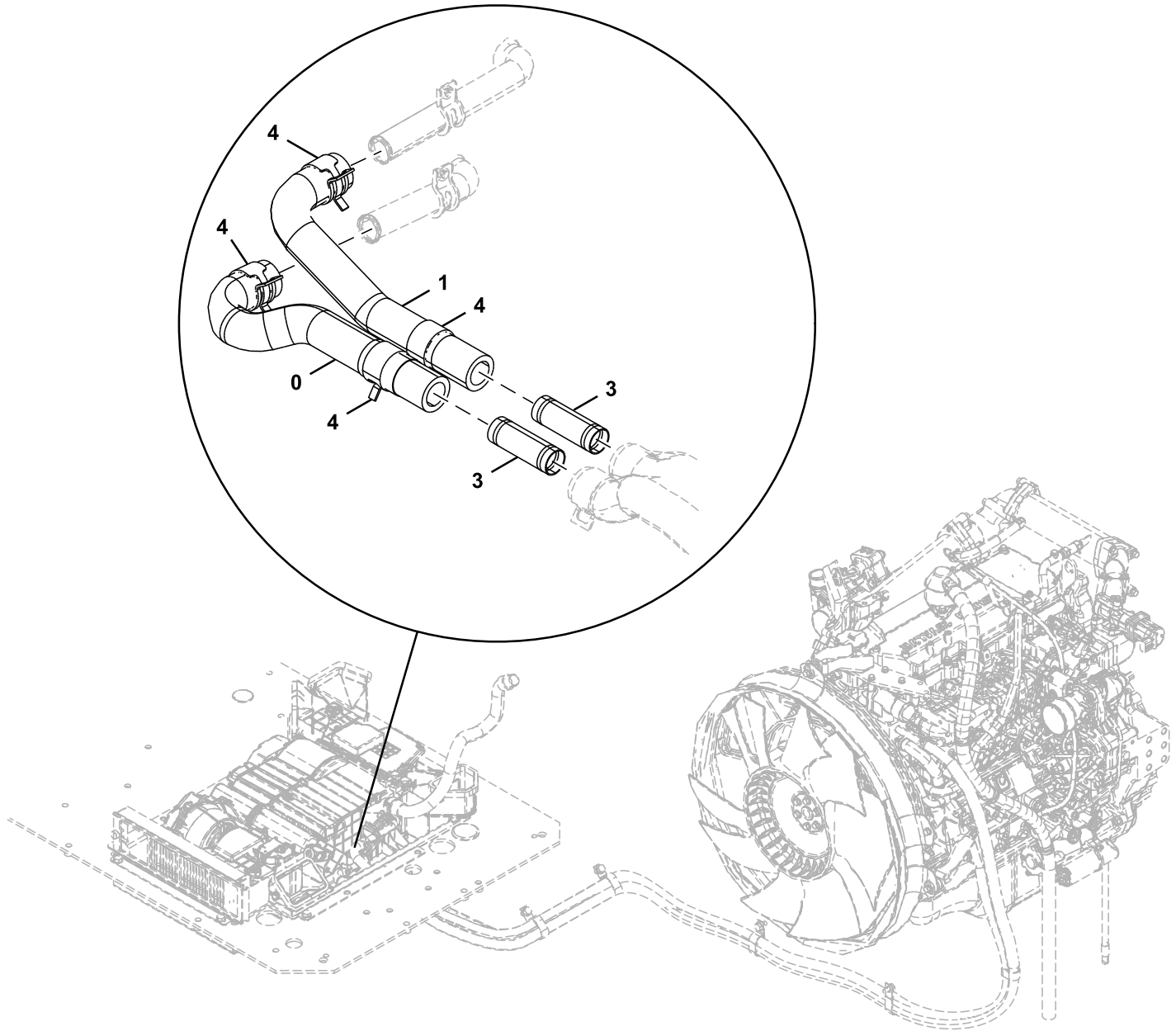


TX1210333

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	FYA00071746	Refrigerant Hose	1		INCLUDES 4297380 AND 4475235; SUB FOR
	4297380	O-Ring	2		FYA00065729 AND FYA00022622
	4475235	Cap	1		SUB FOR 4622346 OR 4350206
1	FYA00038032	Hose	1		INCLUDES CH11568 AND 4350188
	CH11568	Packing	2		SUB FOR 4350187
	4350188	Switch	1		Pressure
2	4632325	Fitting	1		
3	.....	Screw With Washer	1		J260620 NLA
	19M7077	Cap Screw	1		M6 X 20, SUB FOR J900620
	24M7054	Washer	1		6.400 X 12 X 1.600 mm, SUB FOR A590106
5	4718384	Hose	2		

Heater Hoses

TX1115969 A.1



TX1115969

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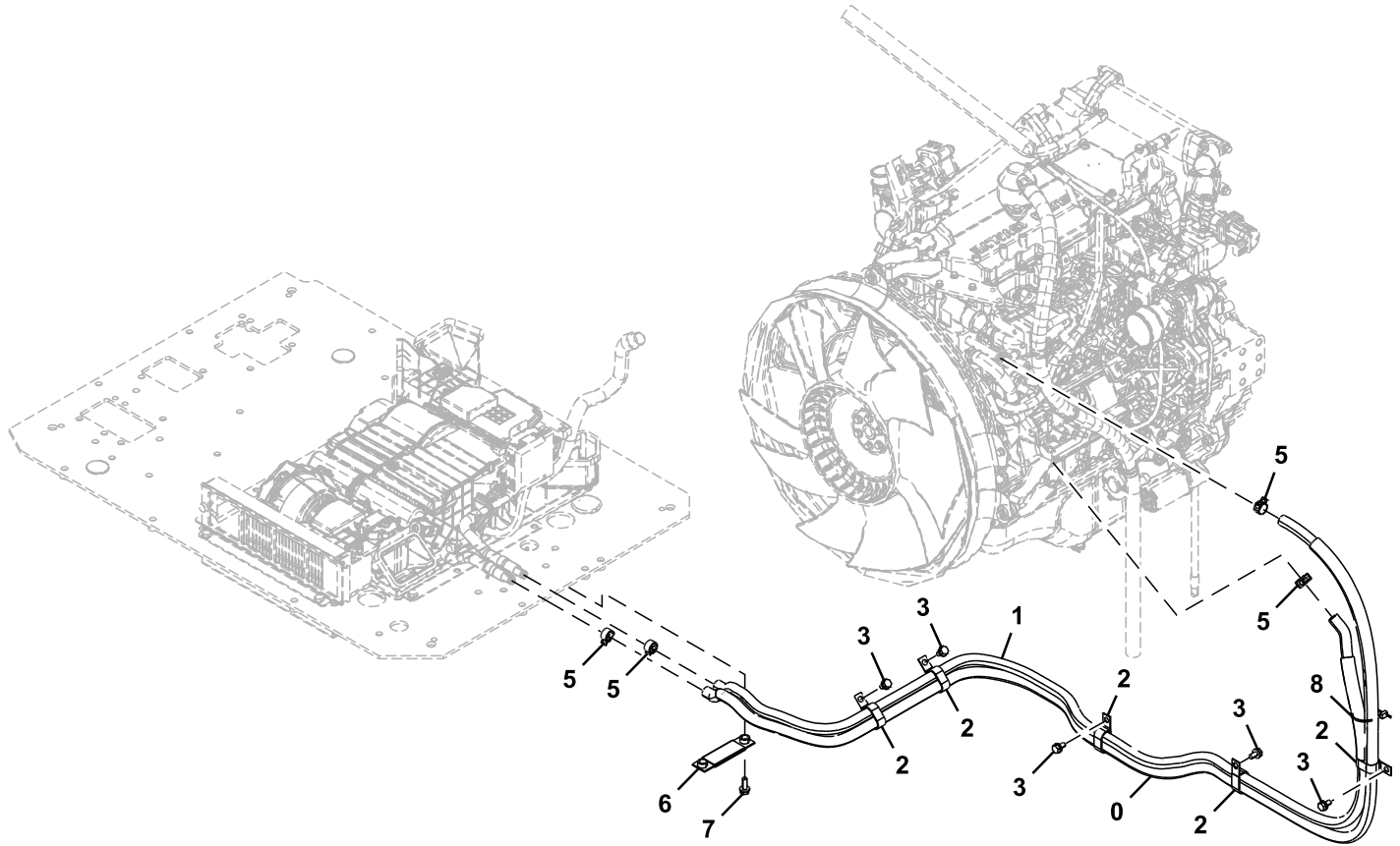
<i>Key</i>	<i>Part No.</i>	<i>Part Name</i>	<i>Qty.</i>	<i>Serial No.</i>	<i>Remarks</i>
0	4716667	Hose	1		
1	4716668	Hose	1		
3	4347396	Fitting	2		
4	4717624	Clip	4		

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Heater Hoses (Heater To Engine)

TX1117461 A.1

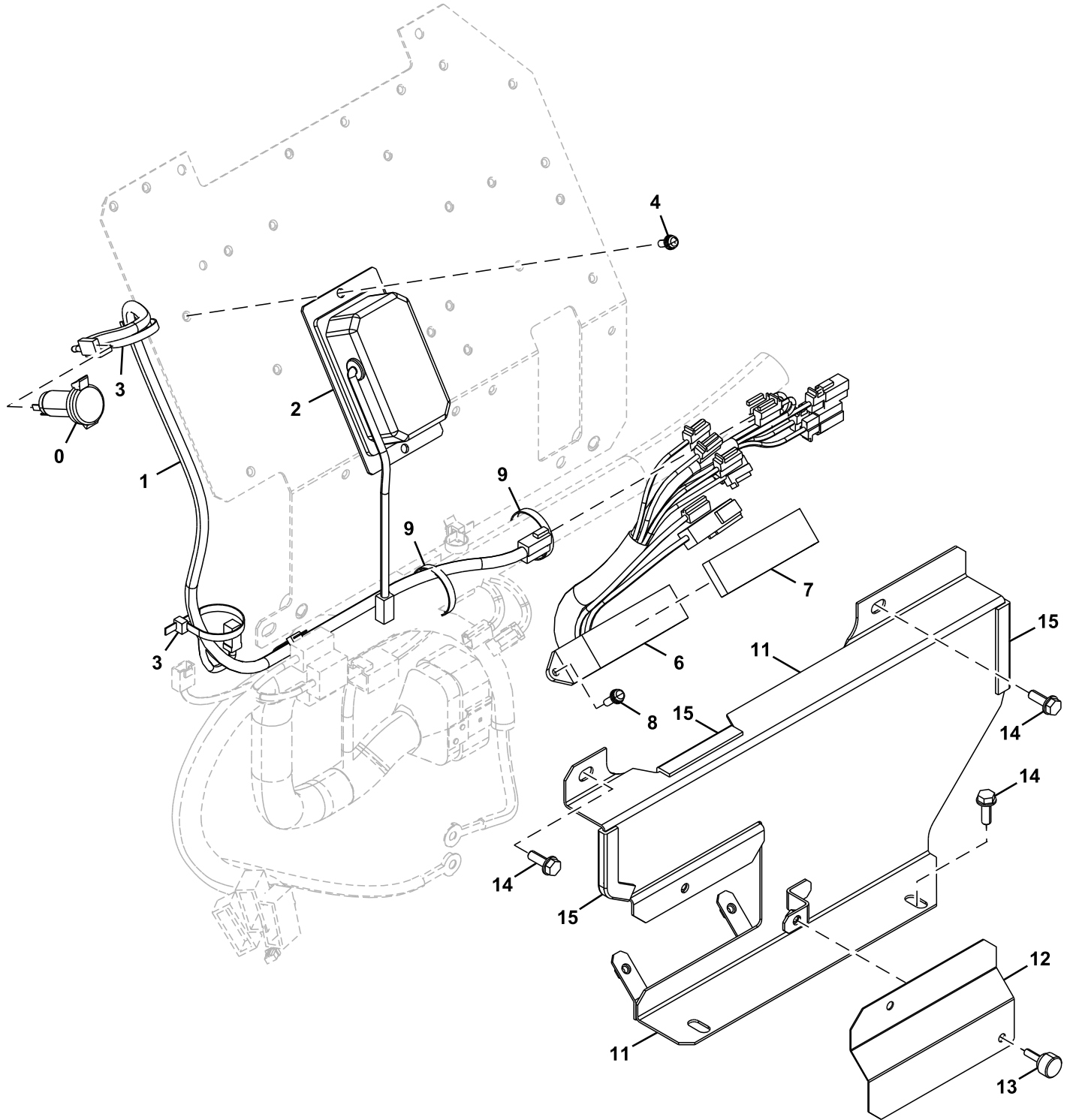


TX1117461

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	4393710	Hose	1		ALSO ORDER 4689873, 9315473 NLA
	4689873	Tube	1		
1	4447805	Hose	1		ALSO ORDER 4693928, 9315474 NLA
	4693928	Sleeve	1		MF TY26191; CTL 280 mm, 4693928 NLA
2	R50454	Clamp	5		SUB FOR 4192034
3	.....	Screw With Washer	5		J271020 NLA
	19M7938	Cap Screw	5		M10 X 20, SUB FOR J901020
	24M7346	Washer	5		11 X 20 X 2 mm, SUB FOR J222010
5	4717624	Clip	4		
6	9768447	Plate	1		
7	.....	Screw With Washer	2		J271030 NLA
	19M7662	Cap Screw	2		M10 X 30, SUB FOR J901030
	24M7346	Washer	2		11 X 20 X 2 mm, SUB FOR J222010
8	H77698	Tie Band	1		SUB FOR 4055312

Power Converter (12 Volt)

TX1117848 B.2

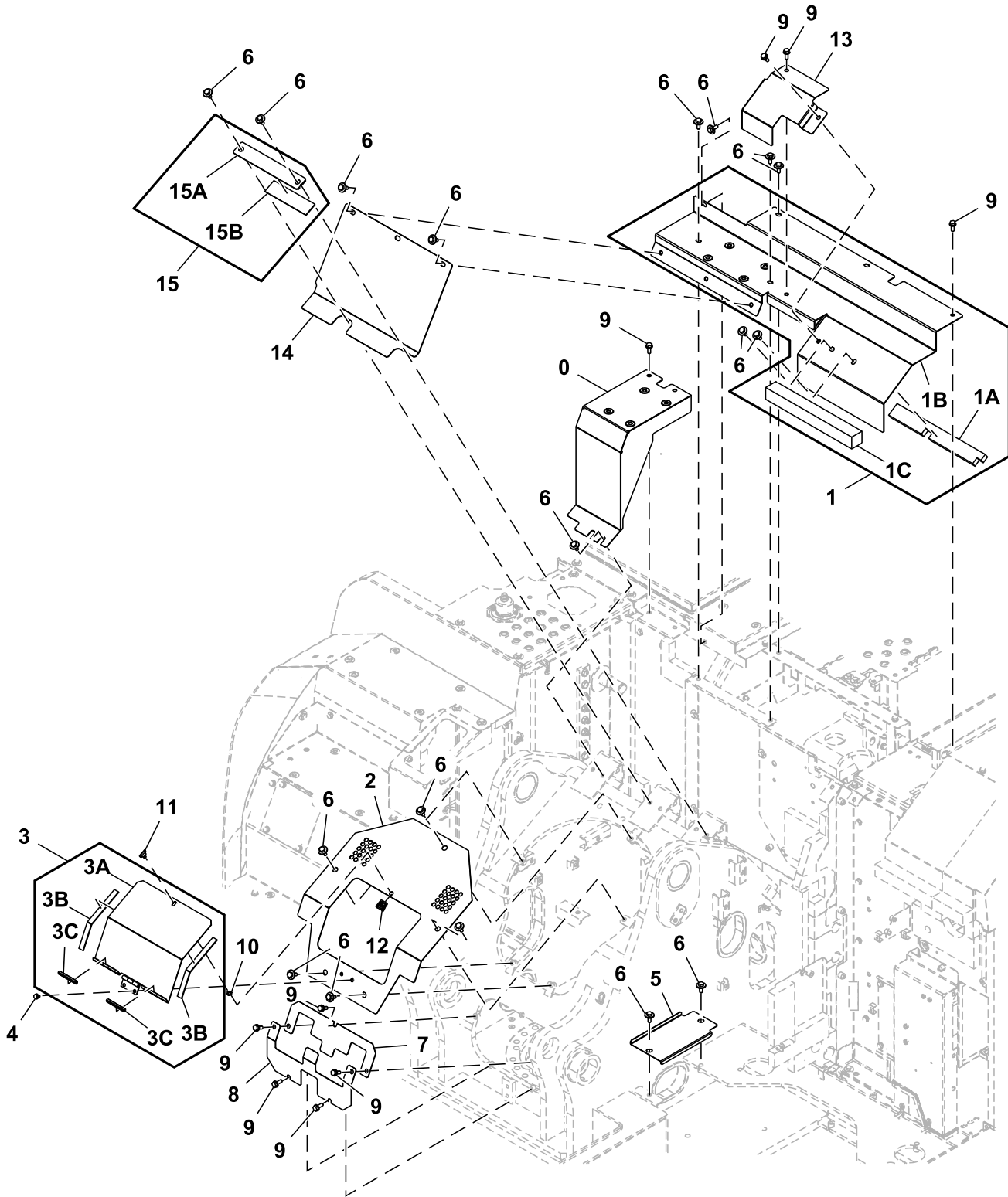


TX1117848

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	4432965	Socket Outlet	1		
1	3105989	Wiring Harness	1		
2	4450008	Power Supply	1		Power Converter
3	H77698	Tie Band	3		SUB FOR 4055312
4	.....	Screw With Washer	2		J460616 NLA
	19M8425	Cap Screw	2		M6 X 16
	12M7006	Lock Washer	2		6 mm
	24M7293	Washer	2		6.500 X 13 X 1.600 mm
6	2053073	Wiring Harness	1		Auxiliary Fuse Box Harness
7	4648537	Cover	1		Labeled Fuses 21 Through 40
8	.....	Screw With Washer	2		J460620 NLA
	21M7267	Screw	2		M6 X 20
	24M7293	Washer	2		6.500 X 13 X 1.600 mm
	12M7006	Lock Washer	2		6 mm
9	H77698	Tie Band	2		SUB FOR 4055312
11	7051533	Cover	1		
12	4660509	Cover	1		
13	4446097	Knob	2		
14	.....	Screw With Washer	4		J260825 NLA
	19M7163	Cap Screw	4		M8 X 25, SUB FOR J900825
	24M7055	Washer	4		8.400 X 16 X 1.600 mm, SUB FOR A590108
15	4649377	Isolator	3		

Hydraulic Pump Cover

TX1210194 A.1

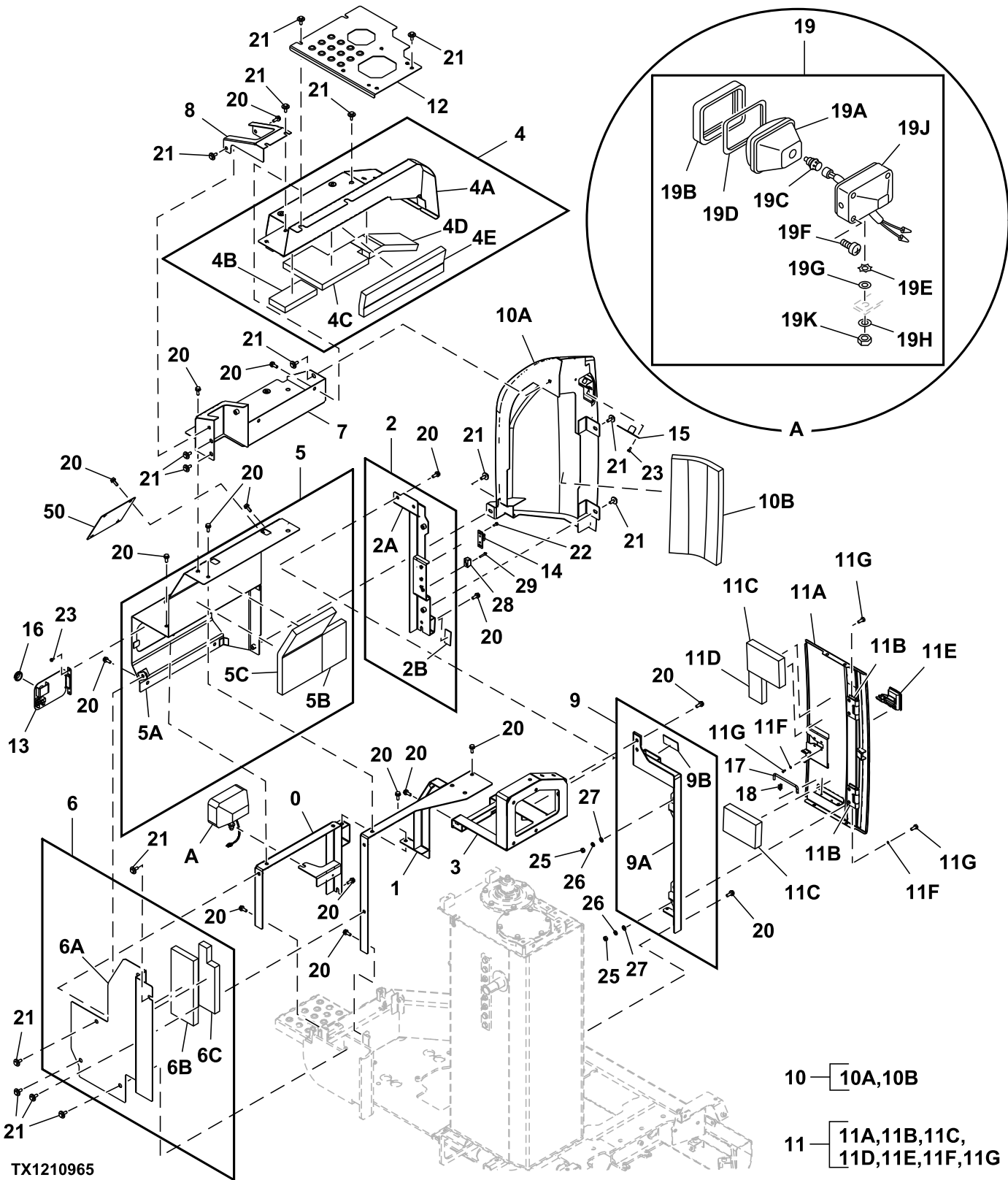


TX1210194

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	FYA40001394	Cover	1		
1	FYA60041540	Cover	1		
1A	FYA00039401	Seal	1		
1B	.....	Cover	1		FYA40013883 NLA
1C	FXV00000929	Isolator	1		
2	7059396	Cover	1		
3	FYA60013413	Cover	1		
3A	.....	Cover	1		FYA40012142 NLA
3B	4651486	Isolator	2		
3C	4651835	Isolator	2		
4	.....	Screw With Washer	2		J260816 NLA
	19M7162	Cap Screw	2		M8 X 16, SUB FOR J900816
	24M7055	Washer	2		8.400 X 16 X 1.600 mm, SUB FOR A590108
5	4727862	Cover	1		
6	.....	Screw With Washer	21		J281030 NLA
	19M7662	Cap Screw	21		M10 X 30, SUB FOR J901030
	4486055	Washer	21		
7	3121438	Cover	1		
8	FYA00018087	Cover	1		
9	.....	Screw With Washer	10		J271030 NLA
	19M7662	Cap Screw	10		M10 X 30, SUB FOR J901030
	24M7346	Washer	10		11 X 20 X 2 mm, SUB FOR J222010
10	4712903	Retainer	1		
11	4712904	Stud	1		
12	4712905	Clip	1		
13	FYA00005511	Cover	1		
14	FYA00044774	Cover	1		
15	FYA60041014	Cover	1		
15A	.....	Cover	1		FYA40028347 NLA
15B	4716056	Isolator	1		

Control Valve Covers

TX1210965 B.1

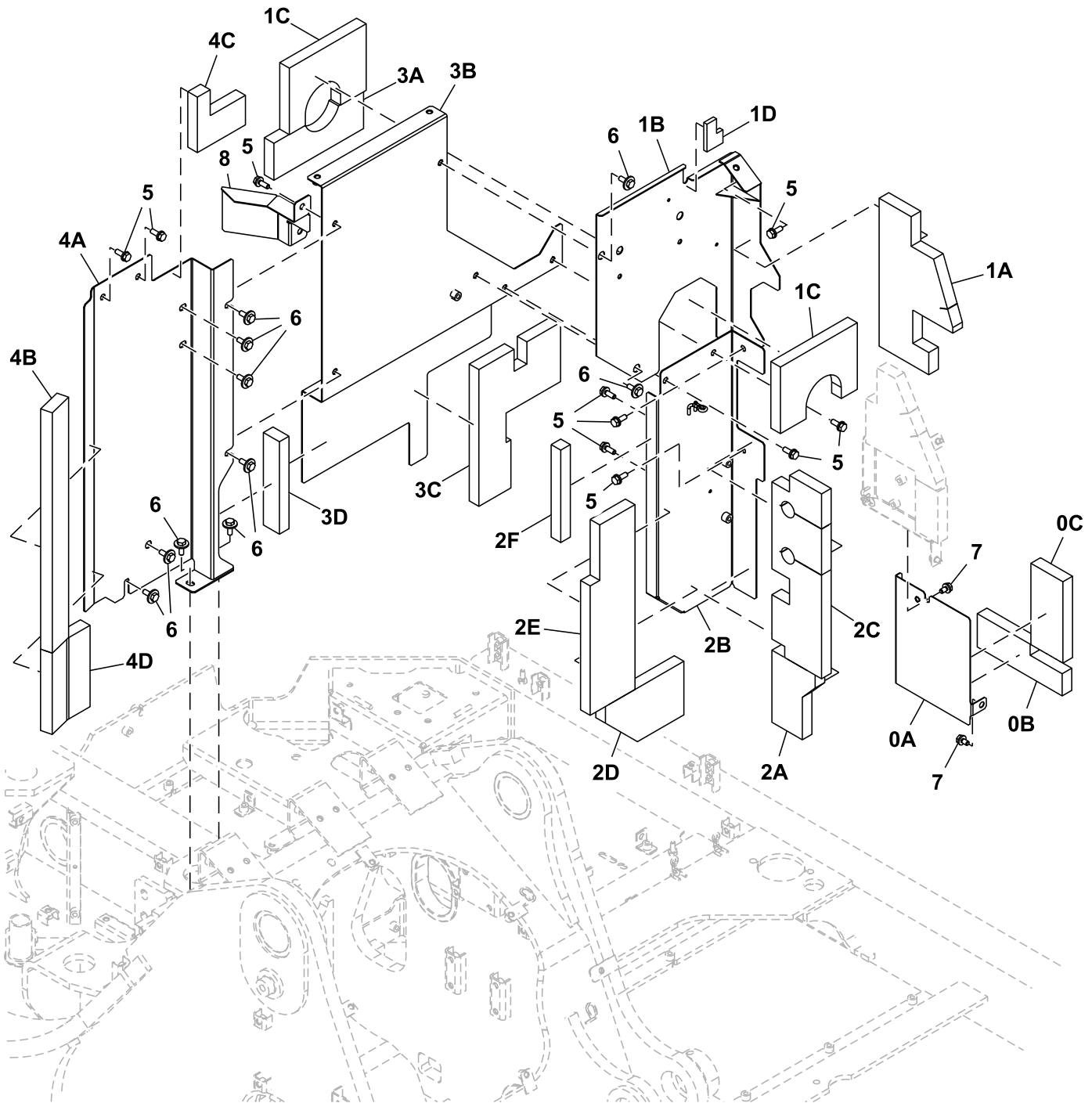


Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	7058871	Support	1		
1	FYA40012788	Support	1		
2	FYA60011696	Support	1		
2A	.....	Support	1		FYA40010047 NLA
2B	FYA00015907	Plate	1		
3	FYA40007816	Support	1		
4	FYA60044344	Cover	1		
4A	.....	Cover	1		FYA40010079 NLA
4B	FXV00000952	Seal	1		
4C	FYA00039123	Isolator	1		
4D	FXV00001065	Isolator	1		
4E	FXV00001068	Isolator	1		
5	FYA60044343	Cover	1		
5A	.....	Cover	1		FYA40015178 NLA
5B	FXV00001074	Isolator	1		
5C	FXV00001086	Seal	1		
6	FYA60040903	Cover	1		
6A	.....	Cover	1		FYA00015475 NLA
6B	FXV00001070	Seal	1		
6C	FYA00005461	Seal	1		
7	FYA40010046	Cover	1		
8	FYA00015479	Cover	1		
9	FYA60011695	Support	1		
9A	.....	Support	1		FYA40012728 NLA
9B	FYA00016183	Plate	1		
10	FYA60044345G	Cover	1		SUB FOR FYA60044345
10A	.....	Cover	1		FYA40006508 NLA
10B	FXV00001087	Isolator	1		
11	FYA60040902	Door	1		
11A	.....	Door	1		6028776 NLA
11B	4445380	Hinge	2		
11C	FXV00000200	Isolator	2		
11D	FXV00000910	Seal	1		
11E	4359353	Latch	1		SUB FOR 4642262
11F	24M7027	Washer	4		5.300 X 10 X 1 mm, SUB FOR A590105
11G	19M7402	Cap Screw	4		M10 X 25, SUB FOR J901025
12	FYA40021026	Cover	1		
13	7052283H	Cover	1		7052283 NLA
14	9770821	Catch	1		
15	FYA00015545	Bracket	1		
16	94-2810	Grommet	1		
17	4639112	Latch	1		
18	4647195	Clamp	1		
19	4326800	Lamp	1		
19A	4326801	Lens	1		
19B	4326802	Frame	1		
19C	AT135758	Bulb	1		SUB FOR 4285648, 24 V
19D	4326803	Gasket	1		
19E	4307026	Washer	1		
19F	37H19	Screw	4		SUB FOR 4307027
19G	24M7085	Washer	1		15 X 28 X 2.500 mm, SUB FOR A590114
19H	12H317	Lock Washer	1		9/16", SUB FOR A590914
19J	.....	Case	1		NLA
19K	14M7345	Nut	1		M14, SUB FOR J952014
20	.....	Screw With Washer	28		J271030 NLA
	19M7662	Cap Screw	28		M10 X 30, SUB FOR J901030
	24M7346	Washer	28		11 X 20 X 2 mm, SUB FOR J222010
21	.....	Screw With Washer	20		J281030 NLA
	19M7662	Cap Screw	20		M10 X 30, SUB FOR J901030
	4486055	Washer	20		
22	.....	Screw With Washer	2		J260620 NLA
	19M7077	Cap Screw	2		M6 X 20, SUB FOR J900620
	24M7054	Washer	2		6.400 X 12 X 1.600 mm, SUB FOR A590106
23	.....	Screw With Washer	4		J260616 NLA
	19M7560	Cap Screw	4		M6 X 16, SUB FOR J900616
	24M7054	Washer	4		6.400 X 12 X 1.600 mm, SUB FOR A590106
25	14M7274	Nut	4		M10, SUB FOR J950010
26	12M7066	Lock Washer	4		10 mm, SUB FOR A590910
27	24M7101	Washer	4		11 X 34 X 3 mm, SUB FOR J217083
28	4652573	Stop	1		
29	.....	Screw With Washer	2		J260635 NLA
	19M7177	Cap Screw	2		M6 X 35, SUB FOR J900635
	24M7054	Washer	2		6.400 X 12 X 1.600 mm, SUB FOR A590106
50	FYA00027311	Cover	1		



Engine Compartment Panels

TX1209922 A.1



0 — 0A,0B,0C

2 — 2A,2B,2C,2D,2E,2F

4 — 4A,4B,4C,4D

1 — 1A,1B,1C,1D

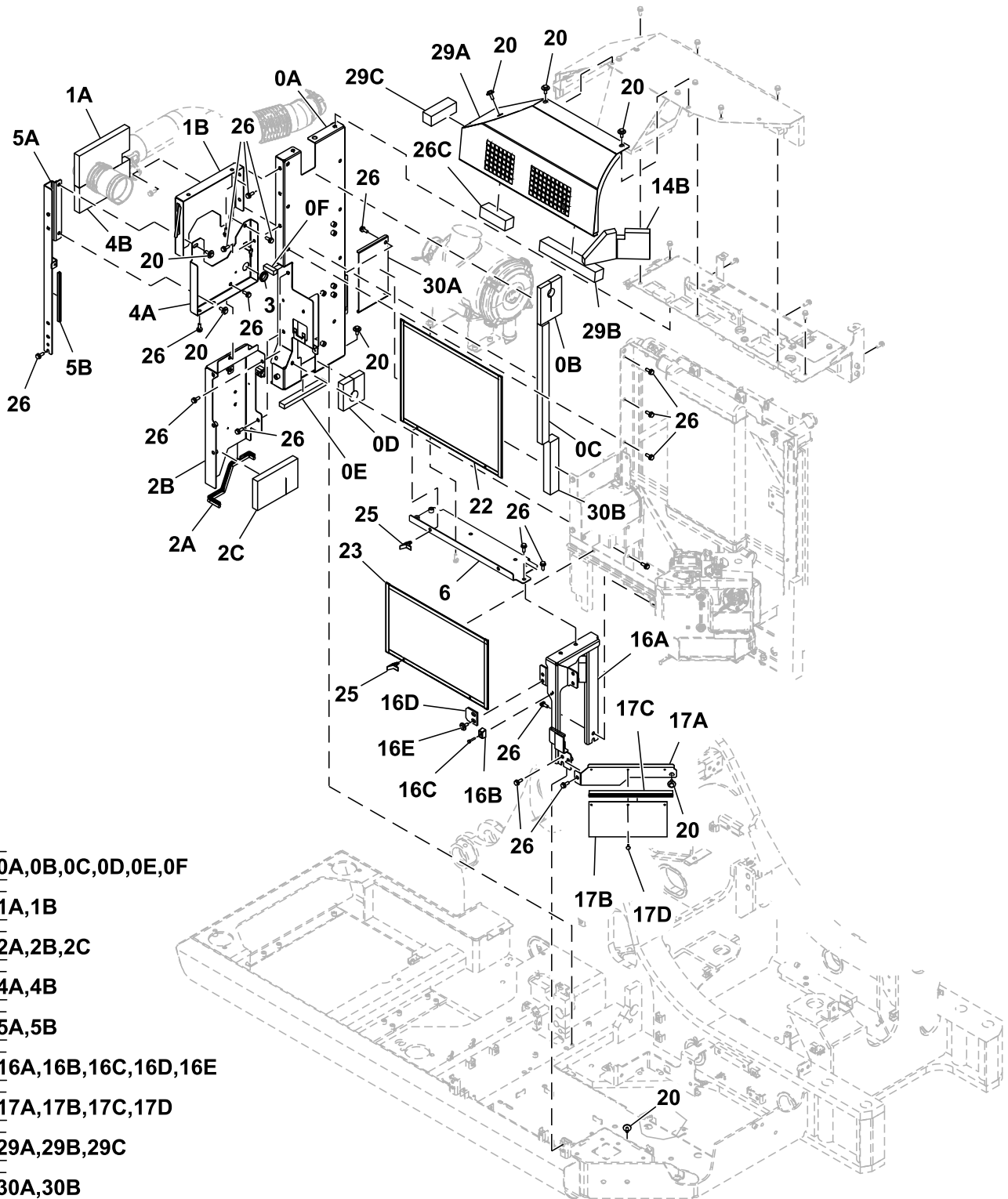
3 — 3A,3B,3C,3D

TX1209922

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	FYA60041541	Cover	1		
0A	.....	Cover	1		
0B	FYA00039830	Seal	1		FYA40002217 NSEP
0C	FXV00001058	Isolator	1		SUB FOR 4726045
1	FYA60028790	Cover	1		
1A	FYA00041101	Seal	1		
1B	.....	Cover	1		7059349 NSEP
1C	FYA00044523	Seal	2		
1D	FYA00039782	Seal	1		
2	FYA60037207	Cover	1		
2A	FYA00039832	Seal	1		
2B	.....	Cover	1		FYA40009092 NSEP
2C	FYA00041100	Seal	1		
2D	FYA00039834	Seal	1		
2E	FYA00039833	Seal	1		
2F	FXV00001021	Isolator	1		
3	.....	Cover	1	-700340	FYA60036869 NLA; ORDER FYA60063504
	FYA60063504	Cover	1	700341-	SUB FOR FYA60036869
3A	FYA00044522	Seal	1		
3B	.....	Cover	1	-700340	FYA40028228 NSEP
	.....	Cover	1	700341-	FYA40045474 NSEP
3C	FYA00039831	Seal	1		
3D	FXV00000922	Isolator	1		SUB FOR 4726045
4	FYA60028640	Cover	1		
4A	.....	Cover	1		FYA40021038 NSEP
4B	FXV00001049	Isolator	1		
4C	FYA00039124	Seal	1		
4D	FXV00001069	Seal	1		
5	.....	Screw With Washer	11		J271030 NLA
	19M7662	Cap Screw	11		M10 X 30, SUB FOR J901030
	24M7346	Washer	11		11 X 20 X 2 mm, SUB FOR J222010
6	.....	Screw With Washer	10		J281030 NLA
	19M7662	Cap Screw	10		M10 X 30, SUB FOR J901030
	4486055	Washer	10		
7	.....	Screw With Washer	2		J271020 NLA
	19M7938	Cap Screw	2		M10 X 20, SUB FOR J901020
	24M7346	Washer	2		11 X 20 X 2 mm, SUB FOR J222010
8	FYA00044521	Cover	1		

Cooling Package Compartment Panels, 1 of 2

TX1221872 A.1



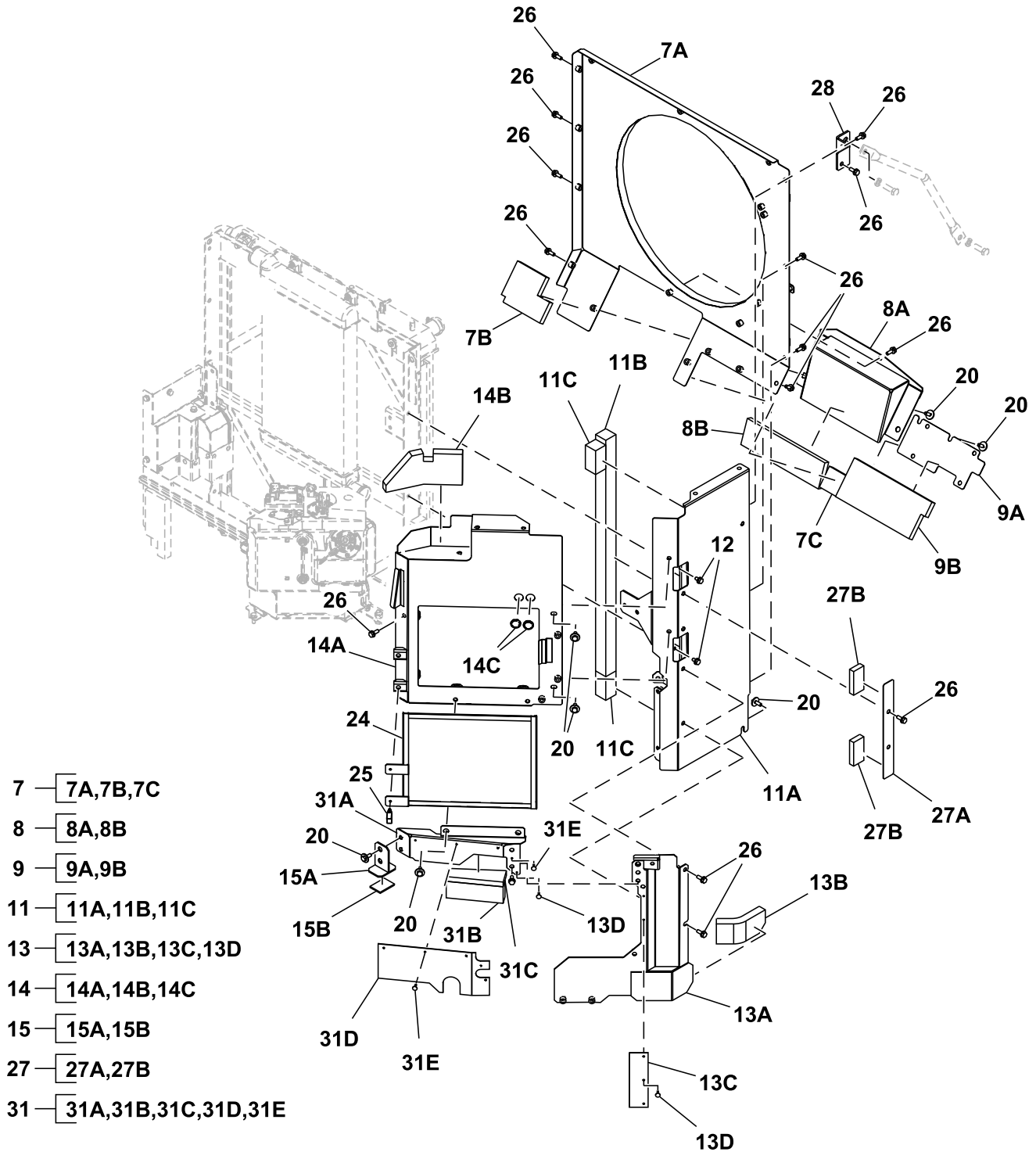
- 0 — 0A,0B,0C,0D,0E,0F
- 1 — 1A,1B
- 2 — 2A,2B,2C
- 4 — 4A,4B
- 5 — 5A,5B
- 16 — 16A,16B,16C,16D,16E
- 17 — 17A,17B,17C,17D
- 29 — 29A,29B,29C
- 30 — 30A,30B

TX1221872

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	FYA60028159	Cover	1		
0A	.....	Cover	1		
0B	FYA00039743	Isolator	1		FYA40008446 NLA
0C	FXV00000900	Pad	1		
0D	FYA00035095	Weatherstrip	1		
0E	FXV00000864	Weatherstrip	1		
0F	FXV00003374	Seal	1		
1	FYA60045075	Cover	1		
1A	FYA00048202	Seal	1		
1B	FYA60045075	Cover	1		SUB FOR FYA40031021
2	FYA60033023	Cover	1		
2A	4465723	Isolator	1		
2B	.....	Cover	1		FYA40024491 NLA
2C	FYA00034800	Isolator	1		
3	4146559	Grommet	1		
4	FYA60045074	Cover	1		
4A	.....	Cover	1		FYA40031020 NLA
4B	FYA00048201	Seal	1		
5	FYA40000697	Cover	1		
5A	.....	Cover	1		FYA60043064 NLA
5B	4653308	Isolator	1		
6	FYA40025201	Bracket	1		
16	.....	Support	1		FYA60045191 NLA
16A	FYA60045192	Support	1		INCLUDES FXV00001639 AND FYA00014459
	FXV00001639	Seal	1		
	FYA00014459	Plate	1		
16B	4652573	Stop	1		
16C	.....	Screw With Washer	2		J260635 NLA
	19M7177	Cap Screw	2		M6 X 35, SUB FORJ900635
	24M7054	Washer	2		6.400 X 12 X 1.600 mm, SUB FOR A590106
16D	4638905	Stop	1		
16E	.....	Screw With Washer	2		J281030 NLA
	19M7662	Cap Screw	2		M10 X 30, SUB FOR J901030
	4486055	Washer	2		
17	.....	Cover	1		FYA60037491 NLA
17A	FYA00043021	Cover	1		
17B	FYA00043007	Plate	1		
17C	4690113	Isolator	1		
17D	4443487	Clip	3		
20	.....	Screw With Washer	21		J281030 NLA
	19M7662	Cap Screw	13		M10 X 30, SUB FOR J901030
	4486055	Washer	21		
22	8122805	Net Wrap	1		
23	FYA40025257	Screen	1		
25	4691142	Lock	3		
26	.....	Screw With Washer	20		J271030 NLA
	19M7662	Cap Screw	20		M10 X 30, SUB FOR J901030
	24M7346	Washer	20		11 X 20 X 2 mm, SUB FOR J222010
28	FYA40012979	Bracket	1		
29	FYA60041546H	Cover	1		SUB FOR FYA60041546
29A	.....	Cover	1		FYA40014631 NLA
29B	FXV00000927	Isolator	1		
29C	FXV00000925	Weatherstrip	2		
30	FYA60028160	Cover	1		
30A	.....	Cover	1		FYA00012192 NLA
30B	FXV00001094	Isolator	1		

Cooling Package Compartment Panels, 2 Of 2

TX1221873 A.1

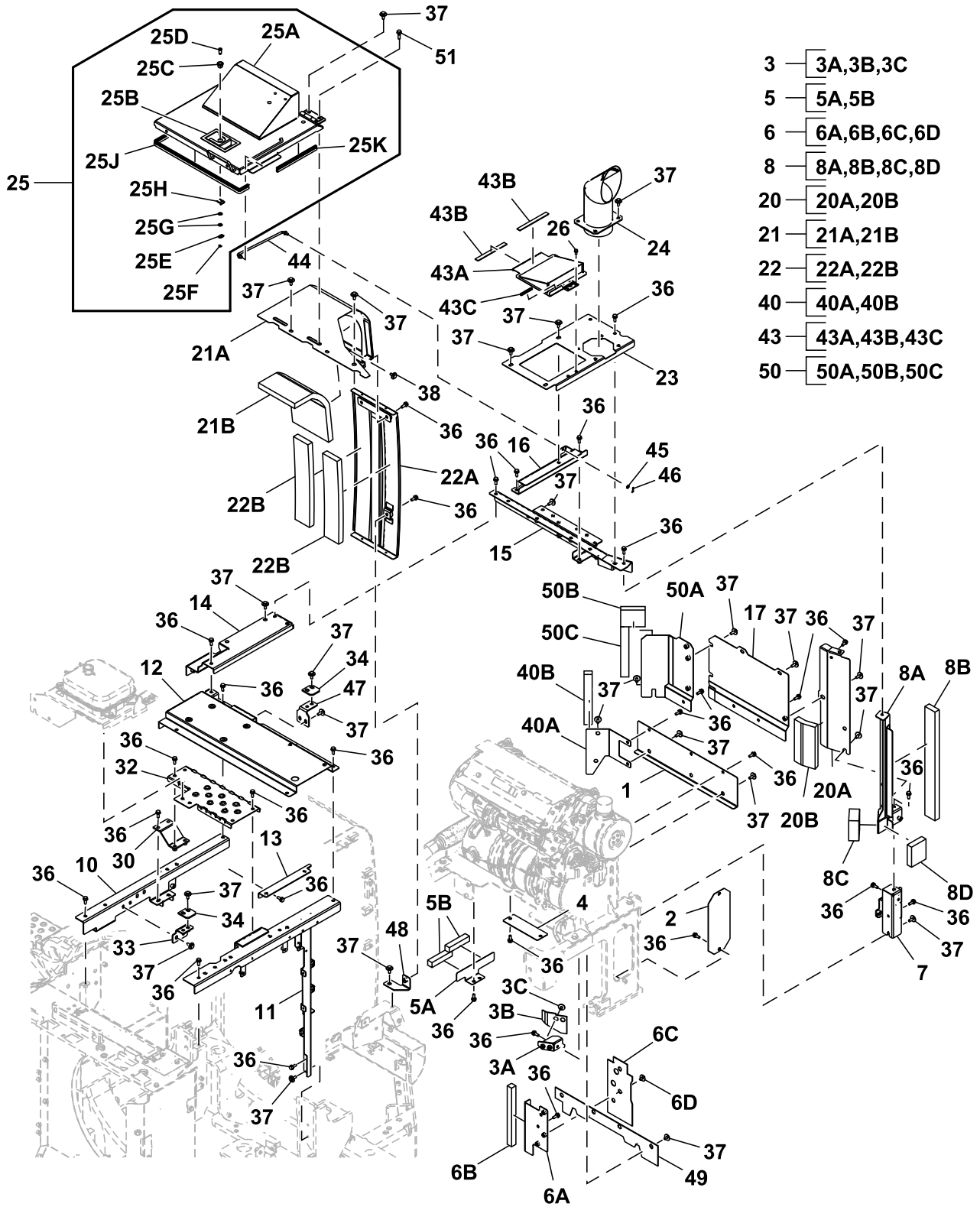


TX1221873

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
7	FYA60036686	Shroud	1		
7A	.....	Shroud	1		FYA40021439 NLA
7B	FYA00039126	Isolator	1		
7C	FXV00001001	Isolator	1		
8	FYA60036687	Cover	1		
8A	.....	Cover	1		FYA40025052 NLA
8B	FXV00002216	Isolator	1		
9	FYA60031259	Cover	1		
9A	.....	Cover	1		FYA00030566 NLA
9B	FYA00030825	Isolator	1		
11	FYA60036685	Cover	1		
11A	.....	Cover	1		FYA40004672 NLA
11B	FXV00001111	Isolator	1		
11C	FXV00001104	Weatherstrip	2		
12	.....	Screw With Washer	2		J271020 NLA
	19M7938	Cap Screw	2		M10 X 20, SUB FOR J901020
	24M7346	Washer	2		11 X 20 X 2 mm, SUB FOR J222010
13	FYA60045190	Cover	1		
13A	.....	Cover	1		FYA40031082 NLA
13B	FYA00043010	Isolator	1		
13C	FYA00043008	Plate	1		
13D	4443487	Clip	3		
14	FYA60036690	Cover	1		
14A	.....	Cover	1		FYA40007406 NLA
14B	FYA00039110	Isolator	1		
14C	4188729	Bushing	2		
15	FYA40024915	Bracket	1		
15A	.....	Bracket	1		FYA40026024 NLA
15B	FXV00002852	Plate	1		
20	.....	Screw With Washer	8		J281030 NLA
	19M7662	Cap Screw	21		M10 X 30, SUB FOR J901030
	4486055	Washer	21		
24	FYA40025249	Screen	1		
25	4691142	Lock	3		
26	.....	Screw With Washer	23		J271030 NLA
	19M7662	Cap Screw	23		M10 X 30, SUB FOR J901030
	24M7346	Washer	23		11 X 20 X 2 mm, SUB FOR J222010
27	FYA60041545	Cover	1		
27A	.....	Cover	1		FYA00016368 NLA
27B	FXV00000849	Weatherstrip	2		
28	FYA40012979	Bracket	1		
31	FYA60036306	Cover	1		
31A	.....	Cover	1		FYA40026651 NLA
31B	FYA00043009	Isolator	1		
31C	FXV00002841	Isolator	1		
31D	FYA00043006	Plate	1		
31E	4443487	Clip	5		

Aftertreatment Covers

TX1210171 C.1



TX1210171

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
1	FYA00038756	Cover	1		
2	FYA00036033	Cover	1		
3	FYA60043009	Cover	1		
3A	.....	Cover	1		FYA40030903 NLA
3B	FYA00047770	Plate	1		
3C	.....	Screw With Washer	2		J281020 NLA
	19M7938	Cap Screw	2		M10 X 20, SUB FOR J901020
	4486055	Washer	2		
4	FYA00033091	Cover	1		
5	FYA60031766	Cover	1		
5A	.....	Cover	1		FYA00031281 NLA
5B	FXV00001017	Isolator	2		
6	FYA60036437	Cover	1		
6A	.....	Cover	1		FYA40022803 NLA
6B	FXV00000898	Seal	1		
6C	FYA00036035	Plate	1		
6D	.....	Screw With Washer	3		J281020 NLA
	19M7938	Cap Screw	3		M10 X 20, SUB FOR J901020
	4486055	Washer	3		
7	FYA40020985	Support	1		
8	FYA60028572	Support	1		
8A	.....	Support	1		FYA40020986 NLA
8B	FXV00001049	Isolator	1		
8C	FXV00001115	Isolator	1		
8D	FXV00001055	Isolator	1		
10	FYA40020945	Support	1		
11	FYA40021438	Support	1		
12	FYA40020943	Cover	1		
13	FYA40020988	Bracket	1		
14	FYA40020989	Bracket	1		
15	FYA40020987	Support	1		
16	FYA40023041	Support	1		
17	FYA40028226	Cover	1		
20	FYA60028574	Cover	1		
20A	.....	Cover	1		FYA40023042 NLA
20B	FXV00001063	Isolator	1		
21	FYA60036439	Cover	1		
21A	.....	Cover	1		FYA40025074 NLA
21B	FXV00001087	Isolator	1		
22	FYA60036440	Cover	1		
22A	.....	Cover	1		FYA40025053 NLA
22B	FXV00000912	Isolator	2		
23	FYA40019022	Cover	1		
24	FYA40013669	Pipe	1		
25	FYA60040819	Cover	1		
25A	.....	Cover	1		FYA40028225 NLA
25B	4409396	Lock	1		INCLUDES 4461339 4461338 4461340 4461337 (2) 4461341, Components On Separate Page
25C	.....	Case	1		4461339 NLA, ORDER 4409396
25D	.....	Key	1		4461338 NLA, ORDER 4409396
25E	.....	Plate	1		4461340 NLA, ORDER 4409396
25F	4461337	Ring	1		
25G	.....	Washer	2		4461341 NLA, ORDER 4409396
25H	4461342	Clip	1		
25J	4721508	Sealing Trim	1		
25K	4702801	Sealing Trim	1		
26	.....	Screw With Washer	2		J260820 NLA
	19M7881	Screw	2		M8 X 20, SUB FOR J900820
	24M7055	Washer	2		8.400 X 16 X 1.600 mm, SUB FOR A590108
30	FYA40025050	Bracket	1		
32	FYA40024751	Step	1		
33	FYA40009840	Bracket	1		
34	4638905	Stop	2		
36	.....	Screw With Washer	45		J271030 NLA
	19M7662	Cap Screw	45		M10 X 30, SUB FOR J901030
	24M7346	Washer	45		11 X 20 X 2 mm, SUB FOR J222010
37	.....	Screw With Washer	43		J281030 NLA
	19M7662	Cap Screw	43		M10 X 30, SUB FOR J901030
	4486055	Washer	43		
38	.....	Screw With Washer	3		J281025 NLA
	19M7402	Cap Screw	3		M10 X 25, SUB FOR J901025
	4486055	Washer	3		
40	FYA60040817	Cover	1		
40A	.....	Cover	1		FYA00044520 NLA
40B	FXV00001031	Seal	1		
43	FYA60036441	Cover	1		
43A	.....	Cover	1		FYA40020373 NLA
43B	4675786	Isolator	2		
43C	4715715	Isolator	1		
44	FYA40028227	Brace	1		
45	24M7055	Washer	1		8.400 X 16 X 1.600 mm, SUB FOR A590108
46	4603981	Pin	1		SUB FOR 4022697
47	FYA40004493	Bracket	1		
48	FYA40017662	Bracket	1		
49	FYA00039714	Plate	1		
50	FYA60040818	Cover	1		
50A	.....	Cover	1		FYA40028224 NLA
50B	FXV00001055	Isolator	1		



19 Sheet Metal and Styling  
1910 Hood Or Engine Enclosure

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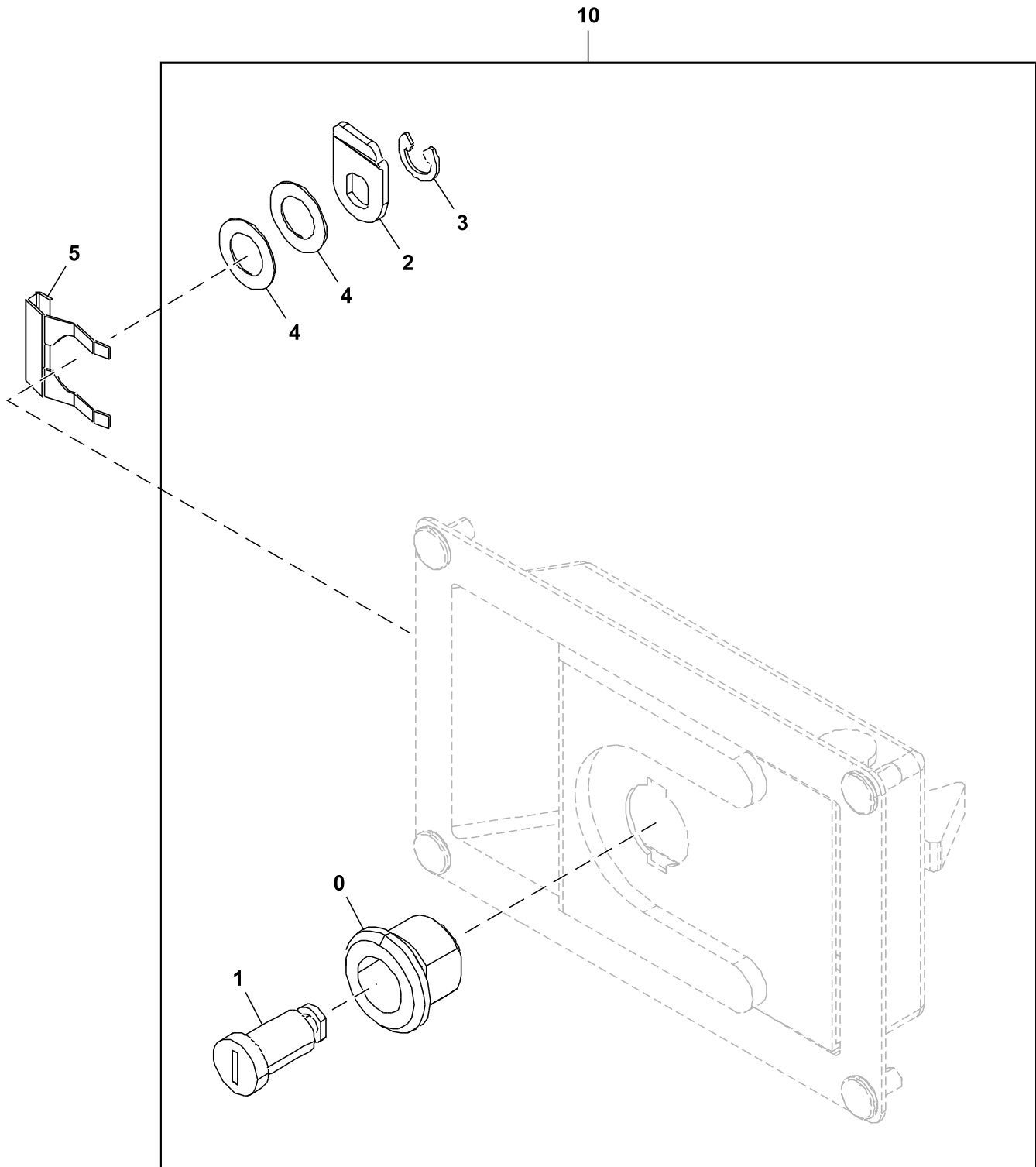
50C	FXV00001031	Seal	1	
51	.....	Screw With Washer	4	J271040 NLA
	19M7358	Cap Screw	4	M10 X 40, SUB FOR J901040
	24M7346	Washer	4	11 X 20 X 2 mm, SUB FOR J222010

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Left Door Lock

TX1212363 A.1



TX1212363

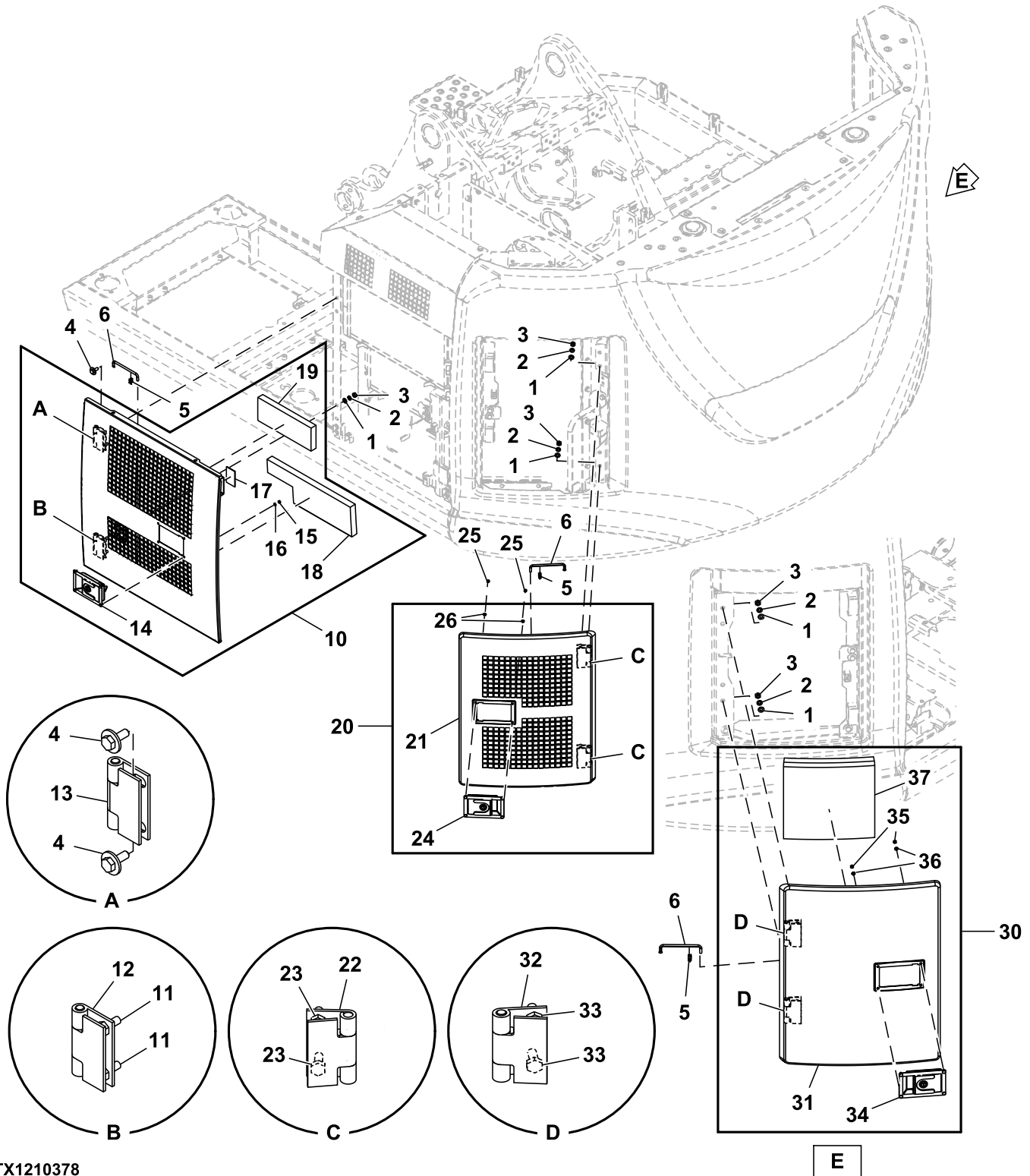
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Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	.....	Case	1		4461339 NLA
1	.....	Key	1		4461338 NLA
2	.....	Plate	1		4461340 NLA
3	4461337	Ring	1		
4	.....	Washer	2		4461341 NLA
5	4461342	Clip	1		
10	4409396	Lock	1		

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Cooling Package Cover

TX1210378 B.1

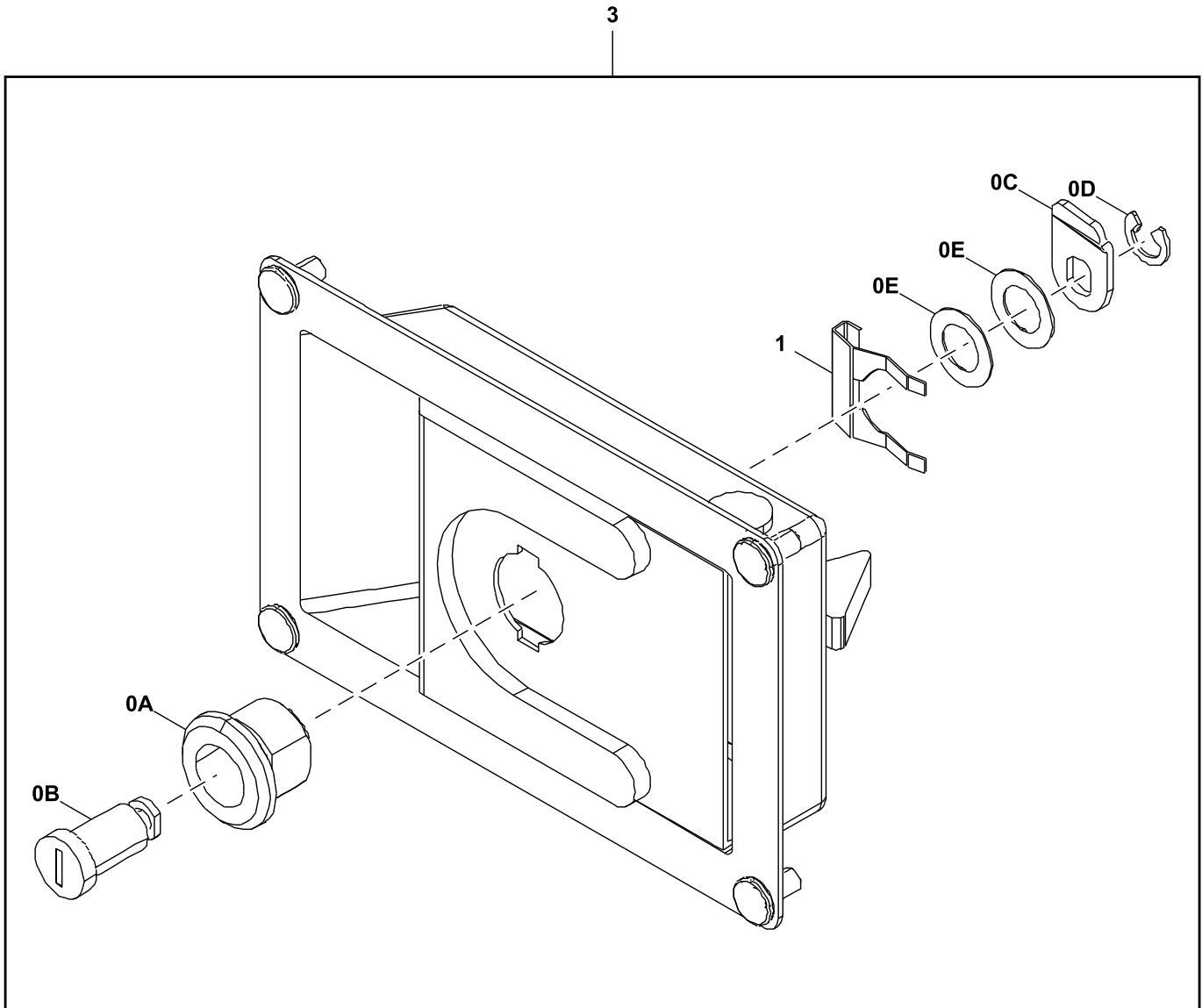


TX1210378

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
1	24M7028	Washer	10		10.500 X 20 X 2 mm, SUB FOR A590110
2	12M7066	Lock Washer	10		10 mm, SUB FOR A590910
3	14M7274	Nut	10		M10, SUB FOR J950010
4	.....	Screw With Washer	2		J281030 NLA
	19M7662	Cap Screw	2		M10 X 30, SUB FOR J901030
	4486055	Washer	2		
5	4647195	Clamp	3		
6	4639112	Latch	3		
10	6028286	Door	1		
11	19M7402	Cap Screw	2		M10 X 25, SUB FOR J921025
12	3072015	Hinge	1		
13	3072015	Hinge	1		
14	4652498	Latch	1		Components On Separate Page
15	14M7272	Nut	4		M6, SUB FOR M500605
16	24M7054	Washer	4		6.400 X 12 X 1.600 mm, SUB FOR A590106
17	FYA00014459	Plate	1		
18	FYA00039222	Isolator	1		
19	FXV00001065	Isolator	1		
20	FYA60040936H	Door	1		SUB FOR FYA60040936
21	.....	Cover	1		FYA40028300 NLA
22	4445380	Hinge	2		
23	19M7402	Cap Screw	4		M10 X 25, SUB FOR J921025
24	TH4681503	Lock	1		Components On Separate Page
25	14M7272	Nut	4		M6, SUB FORM500605
26	24M7054	Washer	4		6.400 X 12 X 1.600 mm, SUB FOR A590106
30	FYA60040935	Door	1		
31	.....	Cover	1		FYA40007308 NLA
32	3072015	Hinge	2		
33	19M7402	Cap Screw	4		M10 X 25, SUB FOR J921025
34	4652498	Latch	1		Components On Separate Page
35	14M7272	Nut	4		M6, SUB FOR M500605
36	24M7054	Washer	4		6.400 X 12 X 1.600 mm, SUB FOR A590106
37	FXV00000218	Isolator	1		

Door Latch Components

TX1165436 A.1



0 — 0A,0B,0C,0D,0E

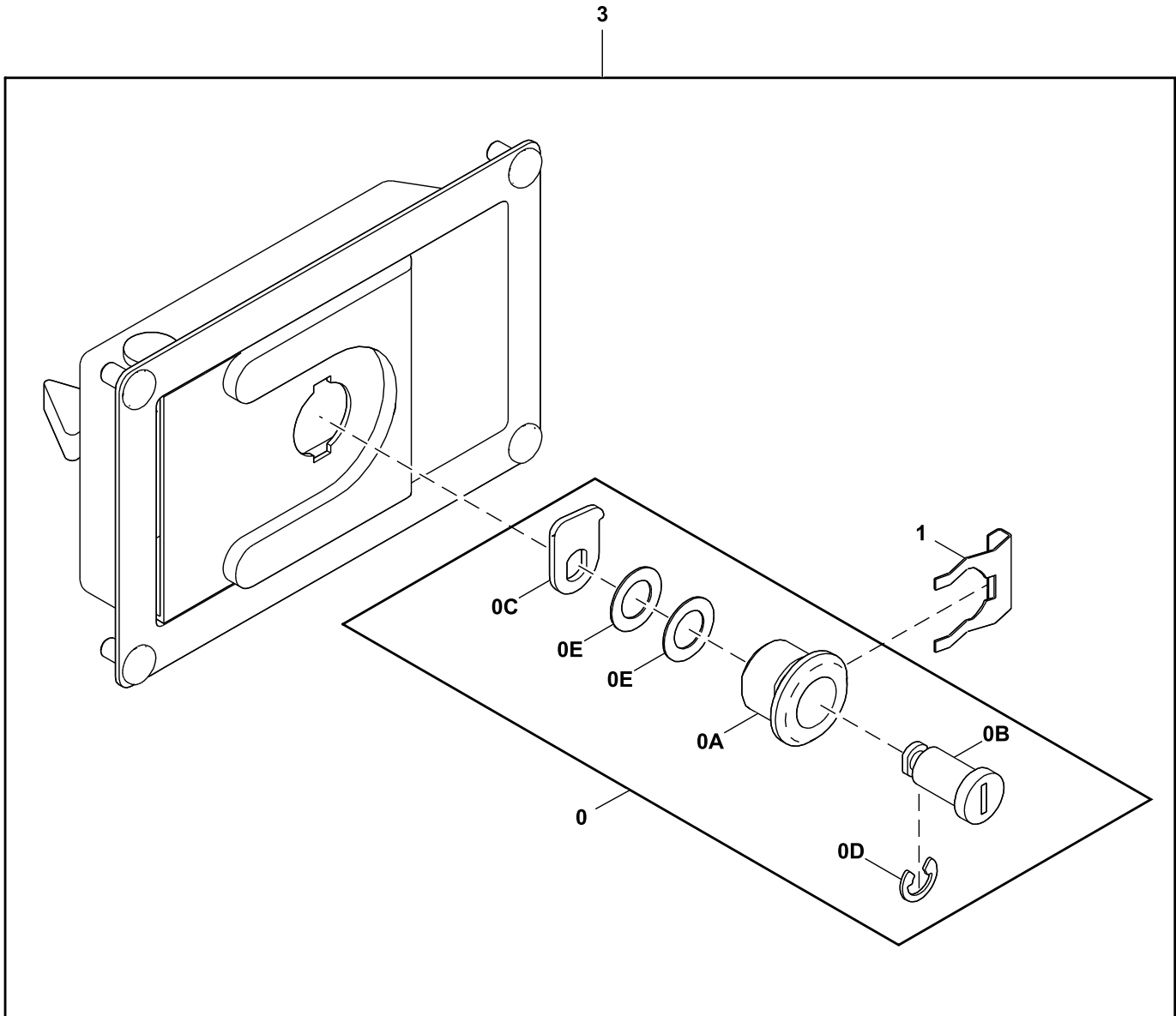
TX1165436

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	4409396	Lock	1		
0A	.....	Case	1		4461339 NSEP
0B	.....	Key	1		4461338 NSEP
0C	.....	Plate	1		4461340 NSEP
0D	4461337	Ring	1		
0E	.....	Washer	2		4461341 NSEP
1	4461342	Clip	1		
3	4652498	Latch	1		Left Door



Right Door Lock Components

TX1165440 A.1

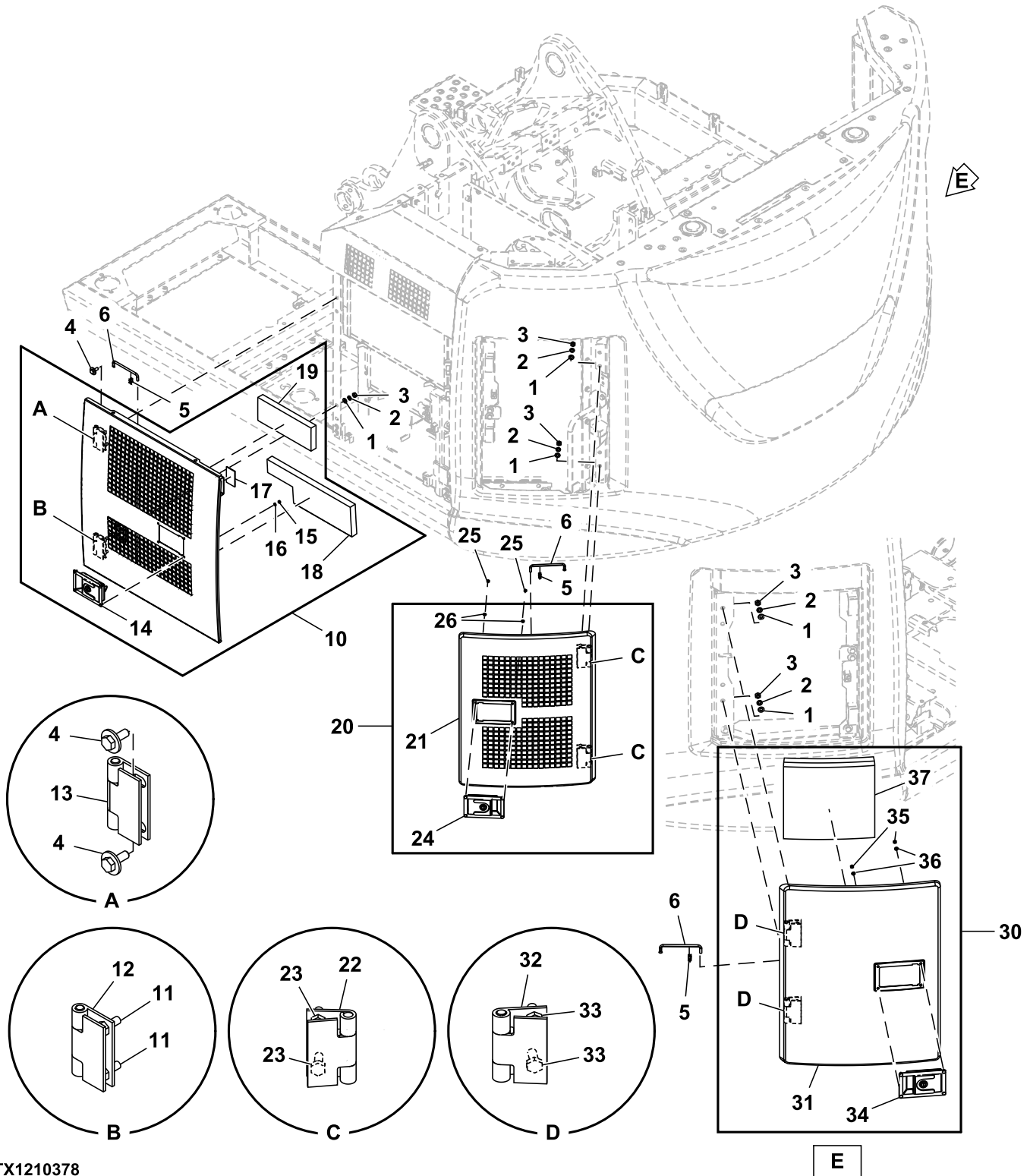


TX1165440

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	4409396	Lock	1		
0A	.....	Case	1		4461339 NLA, FURNISH 4409396
0B	.....	Key	1		4461338 NLA, FURNISH 4409396
0C	.....	Plate	1		4461340 NLA, FURNISH 4409396
0D	4461337	Ring	1		
0E	.....	Washer	2		4461341 NLA, FURNISH 4409396
1	4461342	Clip	1		
3	4652499	Lock	1		Right Door

Cooling Package Cover

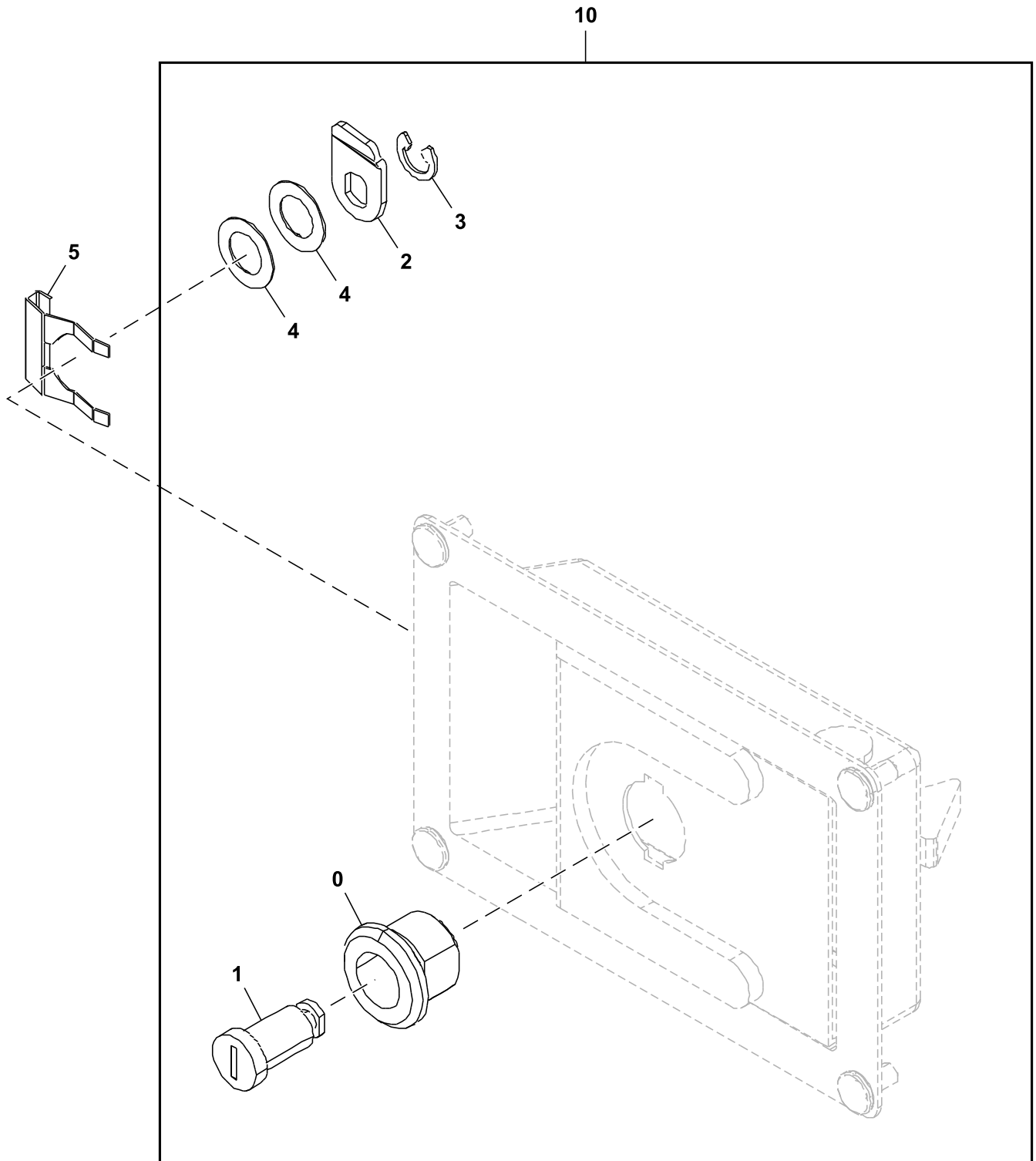
TX1210378 B.1



TX1210378

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
1	24M7028	Washer	10		10.500 X 20 X 2 mm, SUB FOR A590110
2	12M7066	Lock Washer	10		10 mm, SUB FOR A590910
3	14M7274	Nut	10		M10, SUB FORJ950010
4	.....	Screw With Washer	2		J281030 NLA
	19M7662	Cap Screw	2		M10 X 30, SUB FOR J901030
	4486055	Washer	2		
5	4647195	Clamp	3		
6	4639112	Latch	3		
10	6028286	Door	1		
11	19M7402	Cap Screw	2		M10 X 25, SUB FOR J921025
12	3072015	Hinge	1		
13	3072015	Hinge	1		
14	4674554	Lock	1		Components On Separate Page
15	14M7272	Nut	4		M6, SUB FOR M500605
16	24M7054	Washer	4		6.400 X 12 X 1.600 mm, SUB FOR A590106
17	FYA00014459	Plate	1		
18	FYA00039222	Isolator	1		
19	FXV00001065	Isolator	1		
20	FYA60040933	Door	1		
21	.....	Cover	1		FYA40028300 NLA
22	4445380	Hinge	2		
23	19M7402	Cap Screw	4		M10 X 25, SUB FOR J921025
24	TH4681503	Lock	1		Components On Separate Page
25	14M7272	Nut	4		M6, SUB FORM500605
26	24M7054	Washer	4		6.400 X 12 X 1.600 mm, SUB FOR A590106
30	FYA60040932	Door	1		
31	.....	Cover	1		FYA40007308 NLA
32	3072015	Hinge	2		
33	19M7402	Cap Screw	4		M10 X 25, SUB FOR J921025
34	4674554	Lock	1		Components On Separate Page
35	14M7272	Nut	4		M6, SUB FOR M500605
36	24M7054	Washer	4		6.400 X 12 X 1.600 mm, SUB FOR A590106
37	FXV00000218	Isolator	1		

Door Lock  
TX1212371 A.1



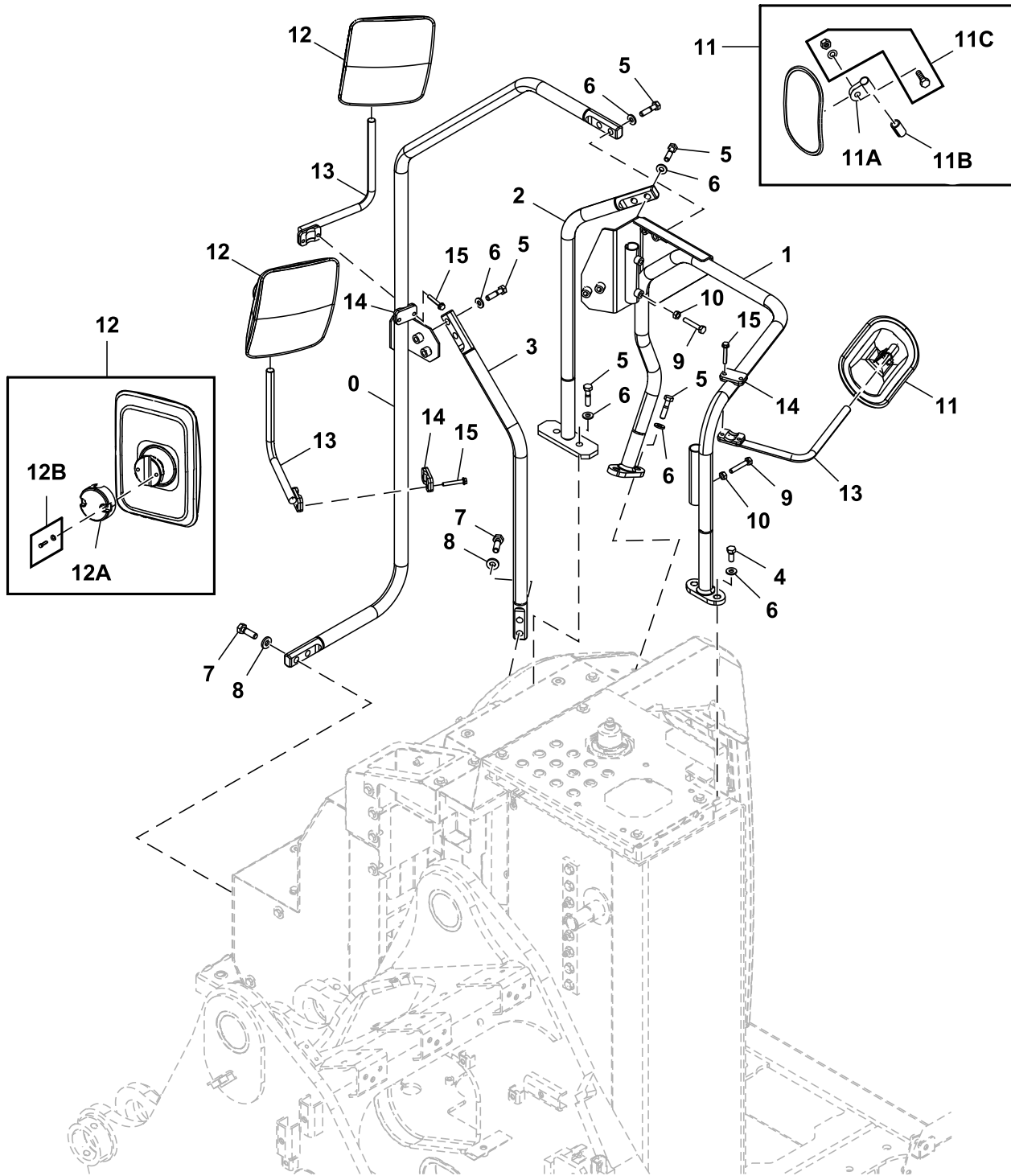
TX1212371

20 — 0,1,2,3

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	.....	Case	1		4461339 NLA
1	.....	Key	1		4461338 NLA
2	.....	Plate	1		4461340 NLA
3	4461337	Ring	1		
4	.....	Washer	2		4461341 NLA
5	4461342	Clip	1		
10	4674554	Lock	1		
20	4409396	Lock	1		

Handrails And Mirror

TX1210382 A.1



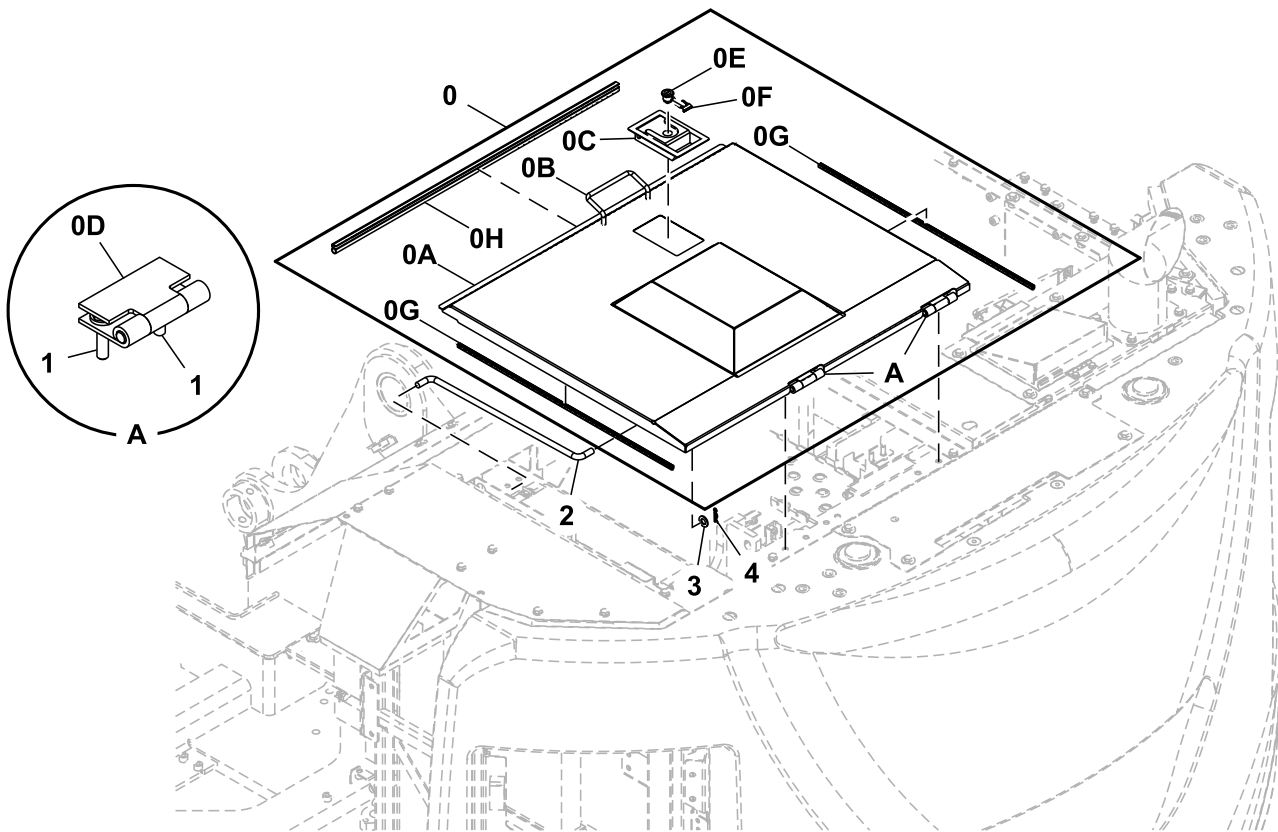
TX1210382

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	FYA40028333	Handrail	1		
	FYA40023063	Brace	2		Vertical Handhold, Not Illustrated
1	FYA40028334	Handrail	1		
2	FYA40028335	Brace	1		
3	FYA40028336	Brace	1		
4	19M8011	Cap Screw	2		M12 X 30, SUB FOR J921230
5	19M7361	Cap Screw	10		M12 X 50, SUB FOR J921250
6	24M7345	Washer	12		13.500 X 24 X 2.500 mm, SUB FOR J222012
7	19M7404	Cap Screw	4		M14 X 40, SUB FOR J921445
8	J222014	Washer	4		
9	M261060	Bolt	4		
10	14M7274	Nut	4		M10, SUB FOR J950010
11	4420724	Rear View Mirror	1		SUB FOR 4416704
11A	4460536	Holder	1		
11B	4460582	Packing	1		
11C	4634798	Bolt	1		
12	AT497535	Rear View Mirror	2		SUB FOR 4675257
12A	FYA00003621	Holder	1		
12B	FYA00003622	Bolt	2		
13	8124253	Bracket	3		SUB FOR 8077521
14	4425481	Hose Clamp	3		
15	.....	Screw With Washer	6		J260855 NLA
	19M7184	Cap Screw	6		M8 X 55, SUB FOR J900855
	24M7055	Washer	6		8.400 X 16 X 1.600 mm, SUB FOR A590108



Engine Cover

TX1210190 A.1

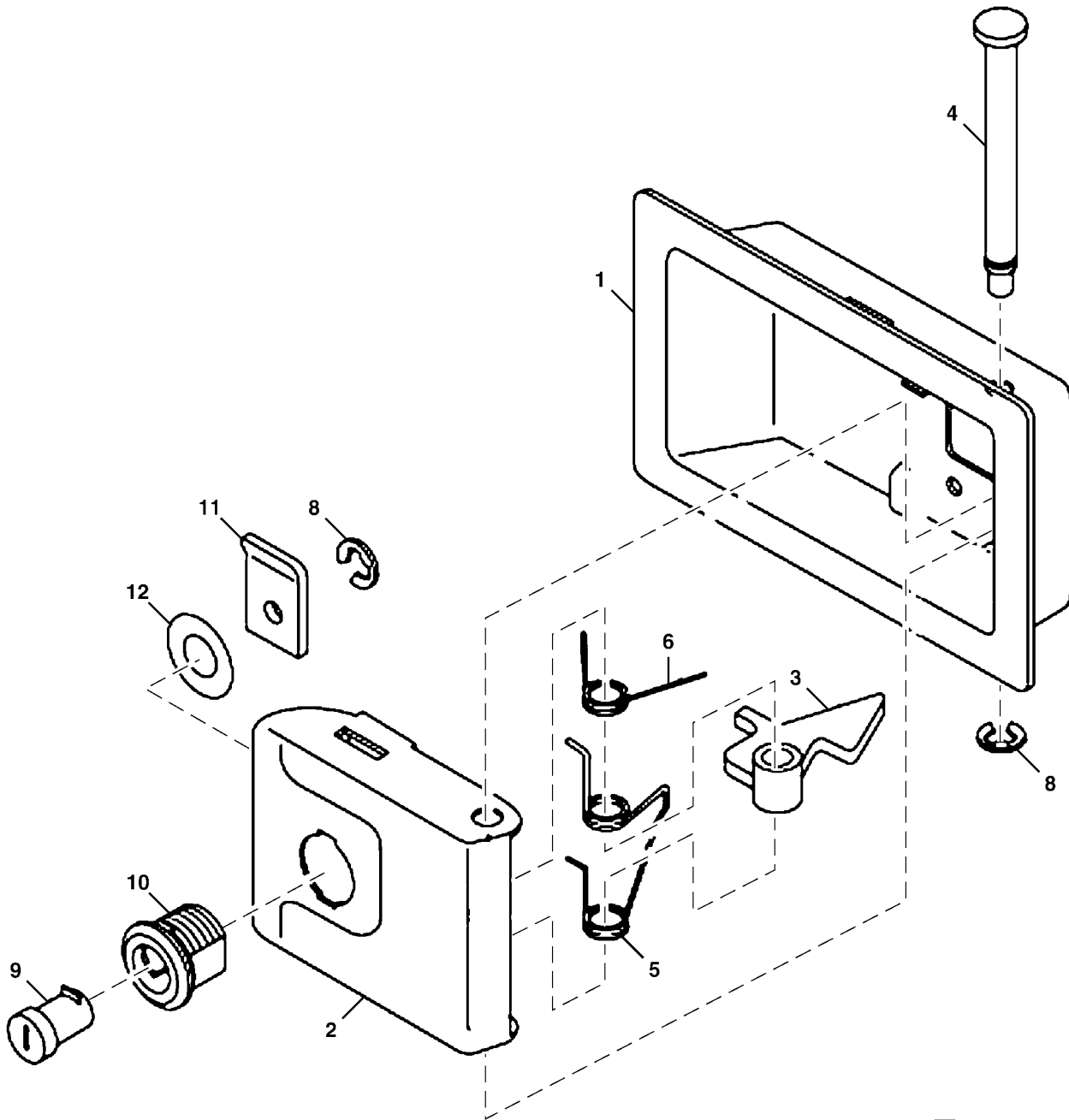


TX1210190

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	FYA60031272	Cover	1	-700045	
	FYA60050718	Cover	1	700046-	
0A	.....	Cover	1	-700045	FYA40021436 NLA
	.....	Cover	1	700046-	FYA40036068 NLA
0B	.....	Handle	1	-700045	4415540 NLA
	.....	Handle	1	700046-	4440695 NLA
0C	4409395	Lock	1		Components On Separate Page
0D	3080209	Hinge	2		
0E	4409396	Lock	1		Components On Separate Page
0F	4461342	Clip	1		
0G	4659118	Sealing Trim	2		
0H	4667810	Sealing Trim	1		
1	.....	Screw With Washer	4		J271030 NLA
	19M7662	Cap Screw	4		M10 X 30, SUB FOR J901030
	24M7346	Washer	4		11 X 20 X 2 mm, SUB FOR J222010
2	FYA40024630	Stop	1		
3	24M7085	Washer	1		15 X 28 X 2.500 mm, SUB FOR A590114
4	L12622	Spring Locking Pin	1		SUB FOR 4022700

Door Latch Components

TX1115633 A.1



7 — 1,2,3,4,5,6

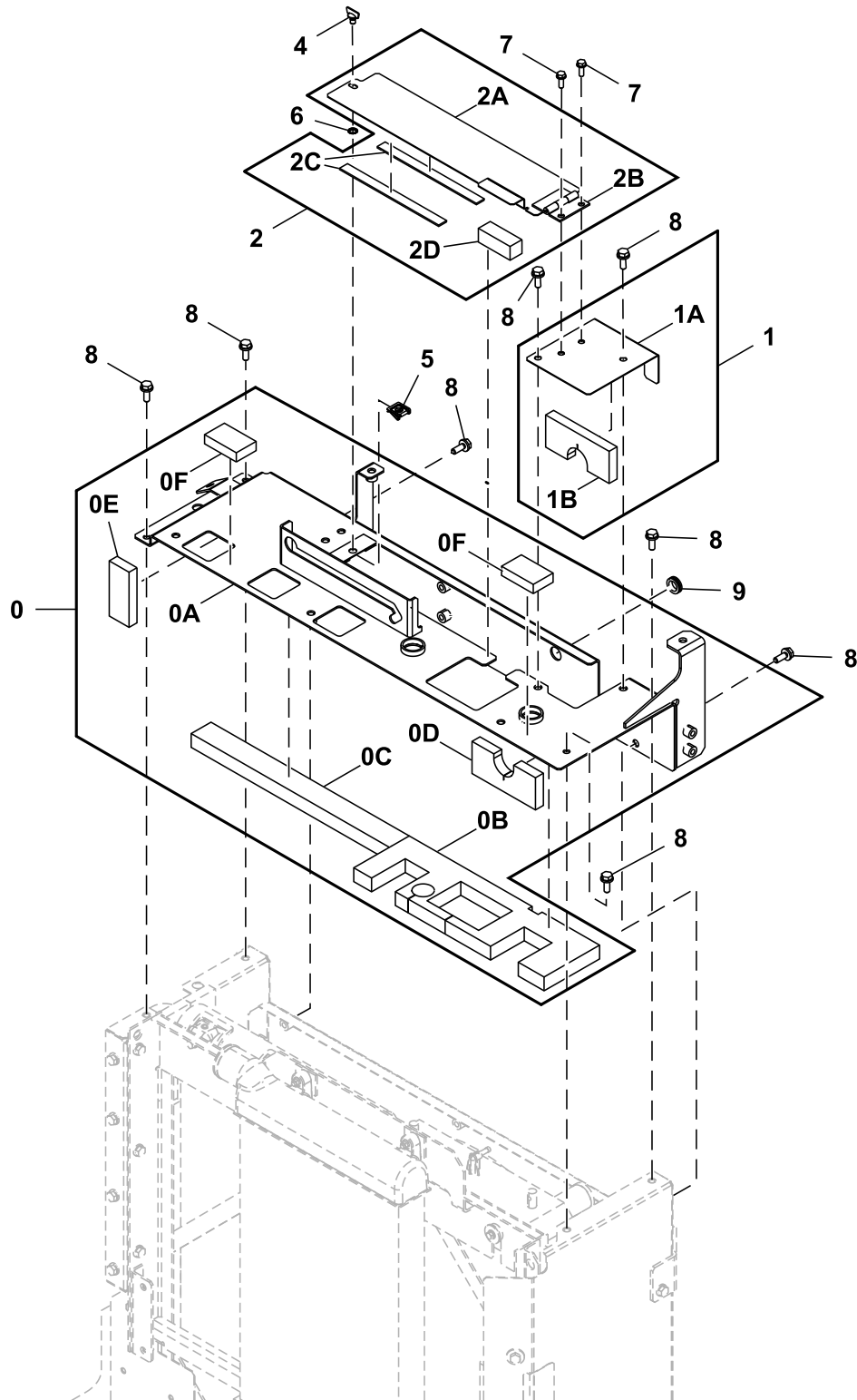
13 — 8,9,10,11,12

TX1115633

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
1	4461343	Cover	1		
2	4461344	Latch	1		
3	4461345	Lever	1		
4	4461346	Shaft	1		
5	4461347	Spring	1		
6	4461348	Spring	1		
7	4409395	Lock	1		
8	4461337	Ring	2		
9	.....	Key	1		4461338 NLA
10	.....	Case	1		4461339 NLA
11	.....	Plate	1		4461340 NLA
12	.....	Washer	2		4461341 NLA
13	4409396	Lock	1		

Cooling Package Bracket and Covers

TX1210192 A.1

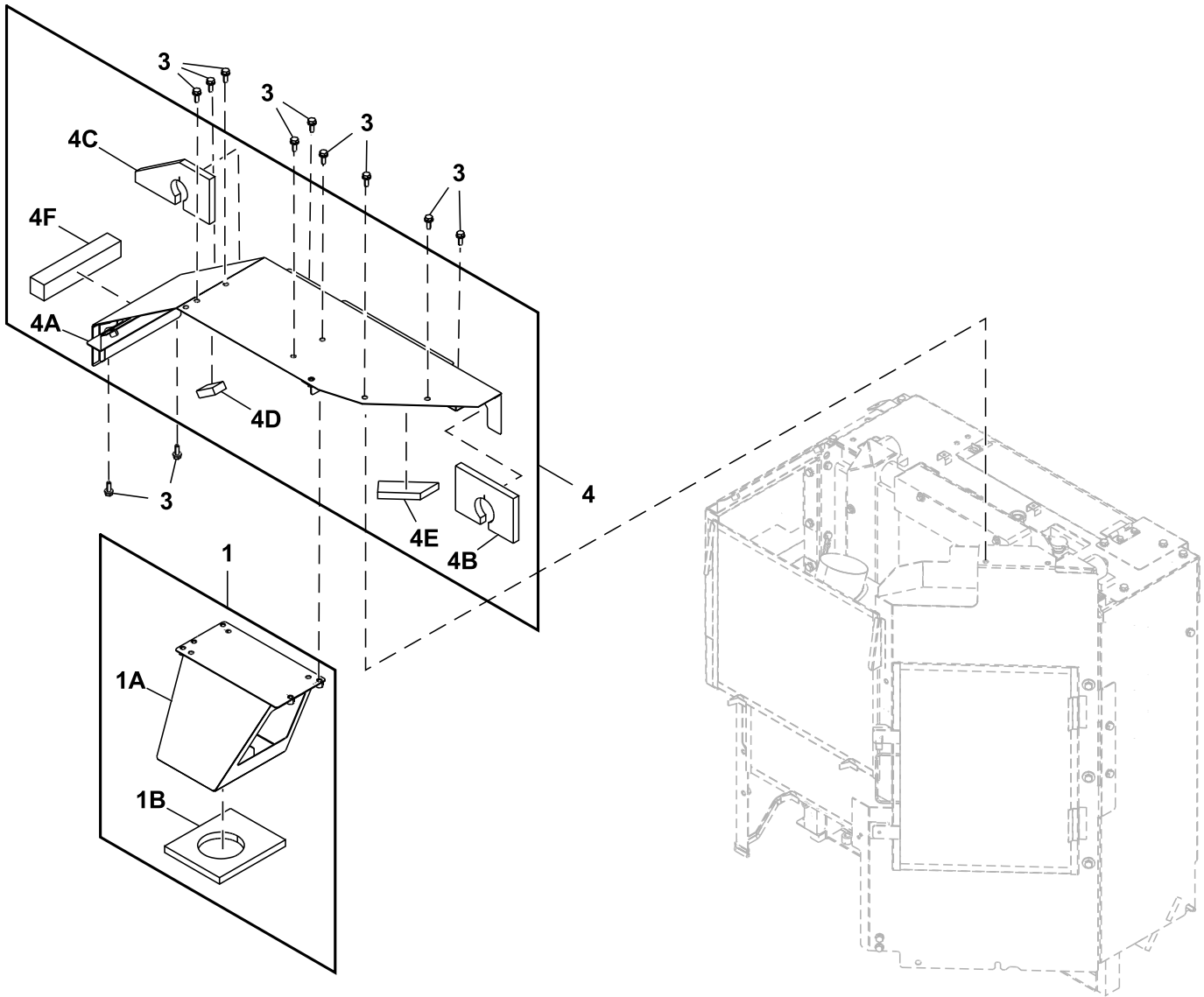


TX1210192

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	FYA60031282	Cover	1		
0A	.....	Cover	1		FYA40021437 NLA
0B	FYA00031135	Isolator	1		
0C	FXV00000903	Seal	1		
0D	FYA00031136	Isolator	1		
0E	FXV00001500	Isolator	1		
0F	FXV00000983	Isolator	2		
1	FYA60041549	Bracket	1		
1A	.....	Cover	1		FYA40010677 NLA
1B	FYA00031136	Isolator	1		
2	FYA60031260	Cover	1		
2A	.....	Cover	1		FYA40021442 NLA
2B	4332654	Hinge	1		
2C	4651486	Isolator	2		
2D	FXV00001016	Isolator	1		
4	4712904	Stud	1		
5	4712905	Clip	1		
6	4712903	Retainer	1		
7	.....	Screw With Washer	2		J260825 NLA
	19M7407	Cap Screw	2		M8 X 25, SUB FOR J900825
	24M7055	Washer	2		8.400 X 16 X 1.600 mm, SUB FOR A590108
8	.....	Screw With Washer	9		J271030 NLA
	19M7662	Cap Screw	9		M10 X 30, SUB FOR J901030
	24M7346	Washer	9		11 X 20 X 2 mm, SUB FOR J222010
9	94-2816	Grommet	1		

Air Cleaner Cover And Bracket

TX1211475 A.1



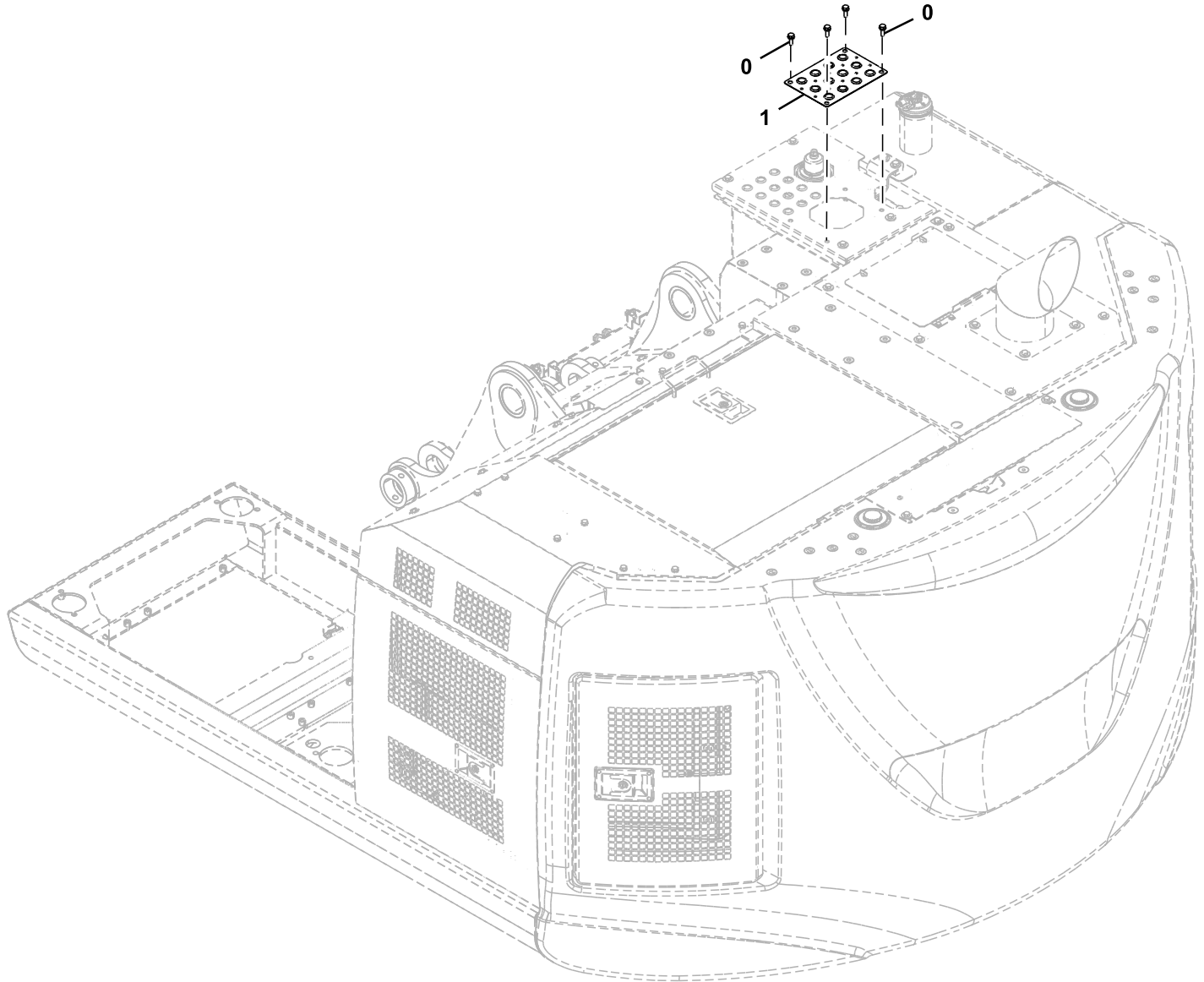
TX1211475

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
1	FYA60041551	Cover	1		
1A	.....	Cover	1		FYA40007257 NLA
1B	FYA00039402	Isolator	1		
3	.....	Screw With Washer	11		J271030 NLA
	19M7662	Cap Screw	11		M10 X 30, SUB FOR J901030
	24M7346	Washer	11		11 X 20 X 2 mm, SUB FOR J222010
4	FYA60041552	Cover	1		
4A	FYA40014630	Cover	1		
4B	FYA00039778	Isolator	1		
4C	FYA00039779	Isolator	1		
4D	FXV00000879	Weatherstrip	1		
4E	FYA00039403	Isolator	1		
4F	FXV00001107	Seal	1		



**Non-Slip Hydraulic Reservoir Cover**

TX1115955 A.1



**TX1115955**

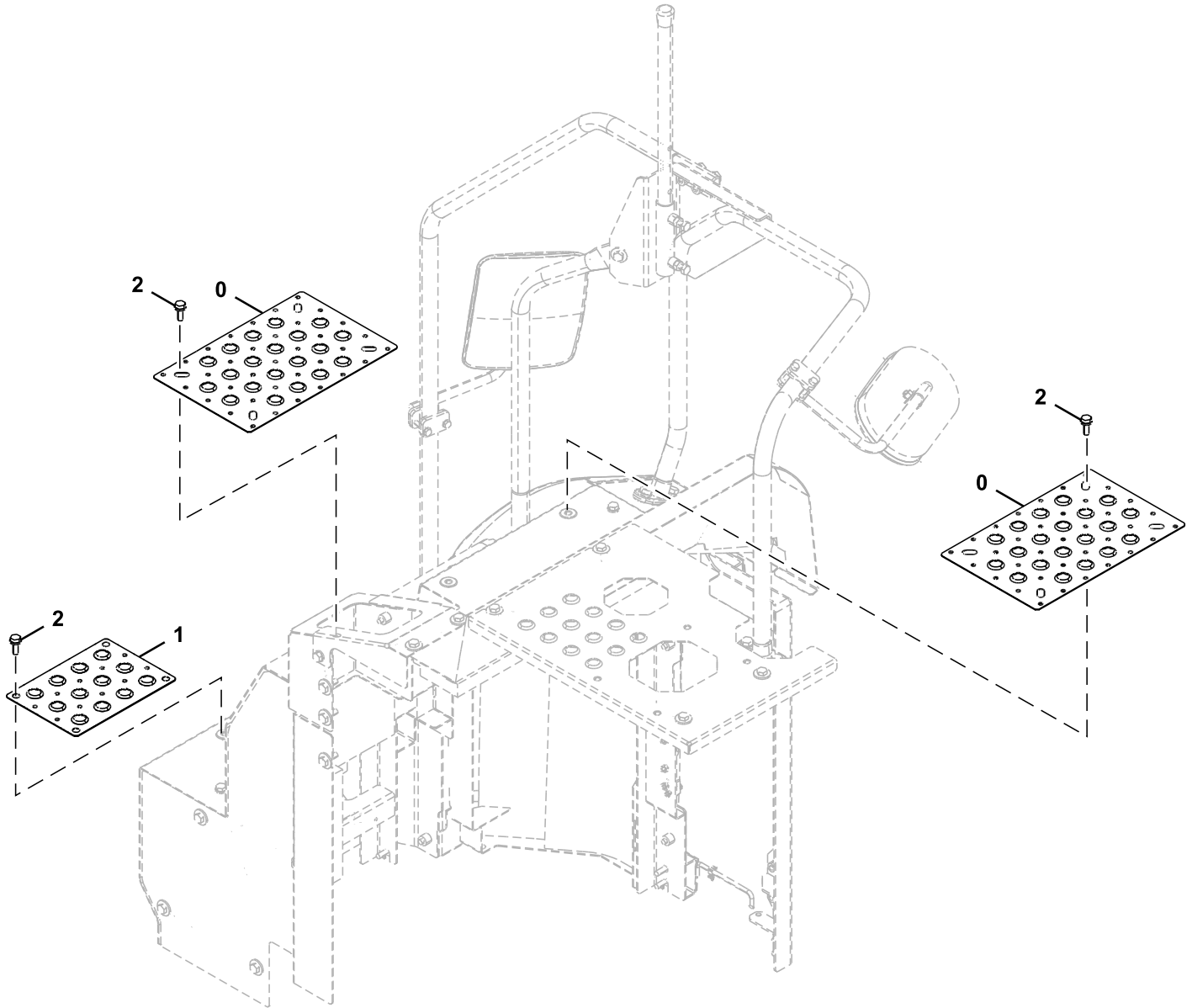
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Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	.....	Screw With Washer	4		J271030 NLA
	19M7662	Cap Screw	4		M10 X 30
	24M7346	Washer	4		11 X 20 X 2 mm
1	3108543	Cover	1		

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Non-Slip Cover, Toolbox

TX1115637 A.1



TX1115637

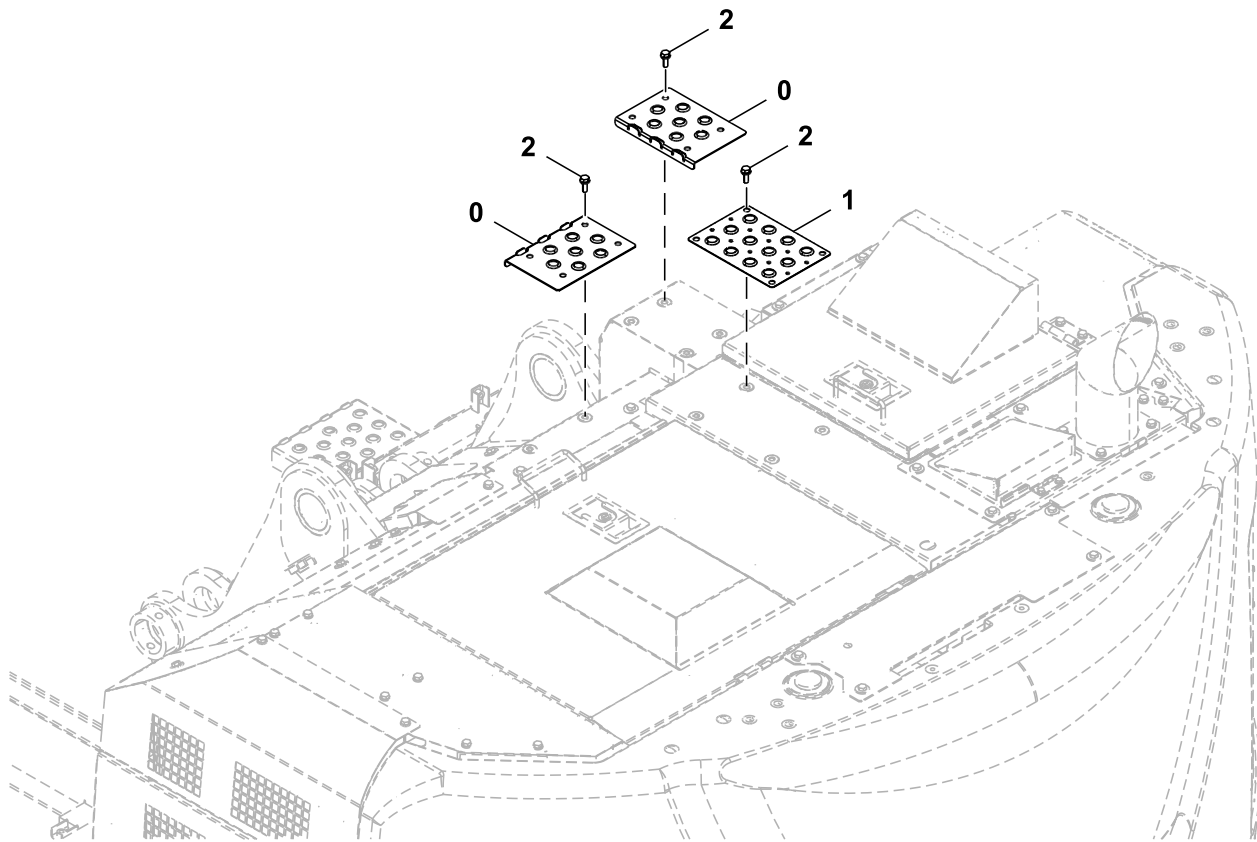
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<i>Key</i>	<i>Part No.</i>	<i>Part Name</i>	<i>Qty.</i>	<i>Serial No.</i>	<i>Remarks</i>
0	3120862	Cover	2		SUB FOR 3092189
1	3108543	Cover	1		
2	.....	Screw With Washer	12		J271030 NLA
	19M7662	Cap Screw	12		M10 X 30
	24M7346	Washer	12		11 X 20 X 2 mm

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Non-Slip Cover

TX1209944 B.1

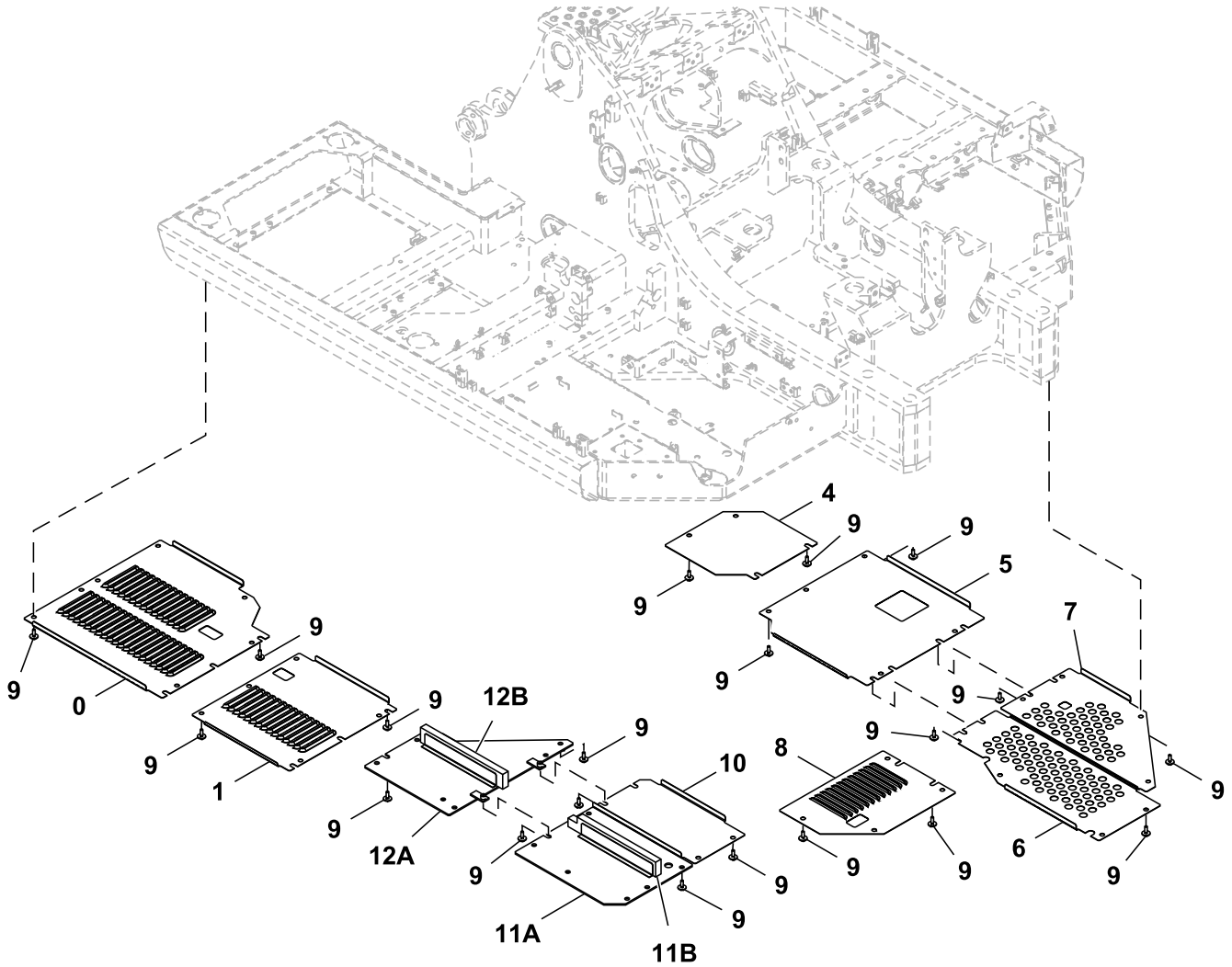


TX1209944

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	FYA00018669	Step	2		
1	3108543	Cover	1		
2	.....	Screw With Washer	12		J271030 NLA
	19M7662	Cap Screw	12		M10 X 30, SUB FOR J901030
	24M7346	Washer	12		11 X 20 X 2 mm, SUB FOR J222010

Bottom Cover

TX1210174 A.1



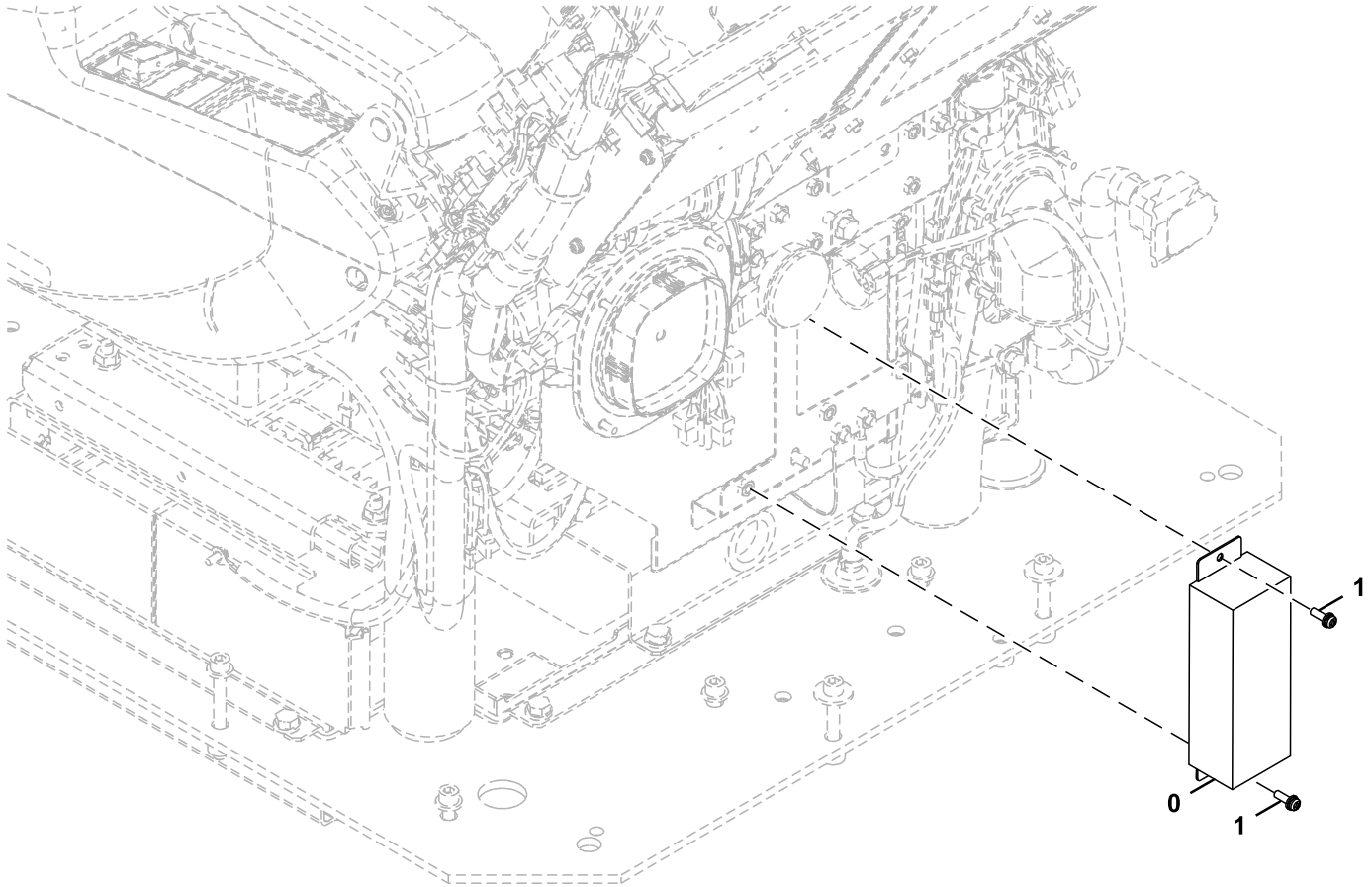
- 11 — 11A, 11B
- 12 — 12A, 12B

TX1210174

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	FYA00008715	Cover	1		
1	3118697	Cover	1		
4	4713452	Cover	1		
5	FYA00041219	Cover	1		
6	FYA00010204	Cover	1		
7	FYA00045211	Cover	1		
8	4719172	Cover	1		
9	.....	Screw With Washer	48		J281035 NLA
	19M7550	Cap Screw	48		M10 X 35, SUB FOR J901035
	4486055	Washer	48		
10	FYA00038514	Cover	1		
11	FYA60036784	Cover	1		
11A	.....	Cover	1		FYA40025345 NLA
11B	FYA00039125	Isolator	1		
12	FYA60036785	Cover	1		
12A	.....	Cover	1		FYA40025346 NLA
12B	FXV00002831	Isolator	1		



**Radio**  
TX1117397 A.1

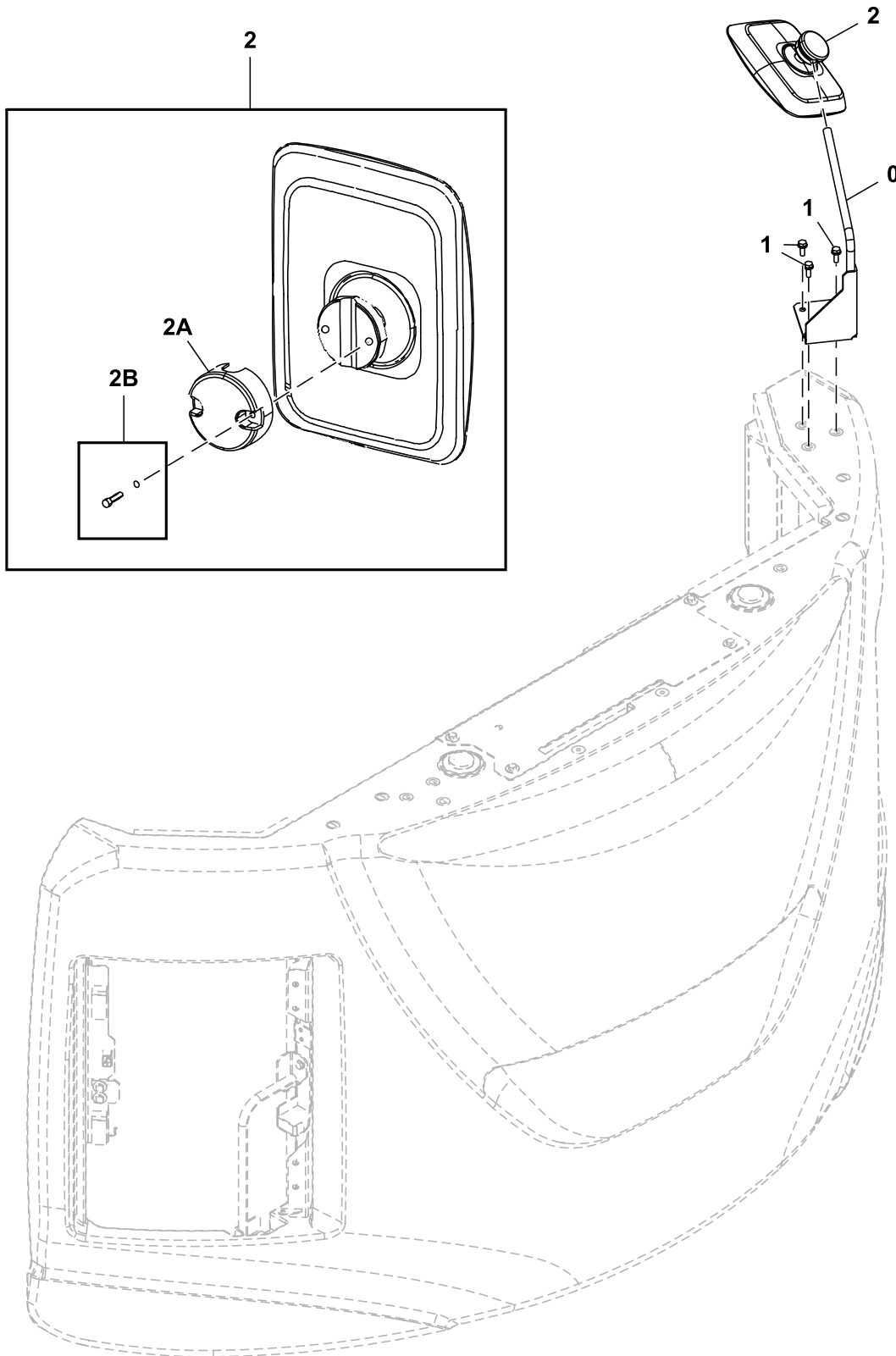


**TX1117397**

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	4714376	Radio Kit	1		Radio Controls In Switch Panel
1	.....	Screw With Washer	2		J460620 NLA
	21M7267	Screw	2		M6 X 20
	12M7006	Lock Washer	2		6 mm
	24M7293	Washer	2		6.500 X 13 X 1.600 mm

Counterweight Mirror

TX1210383 A.1

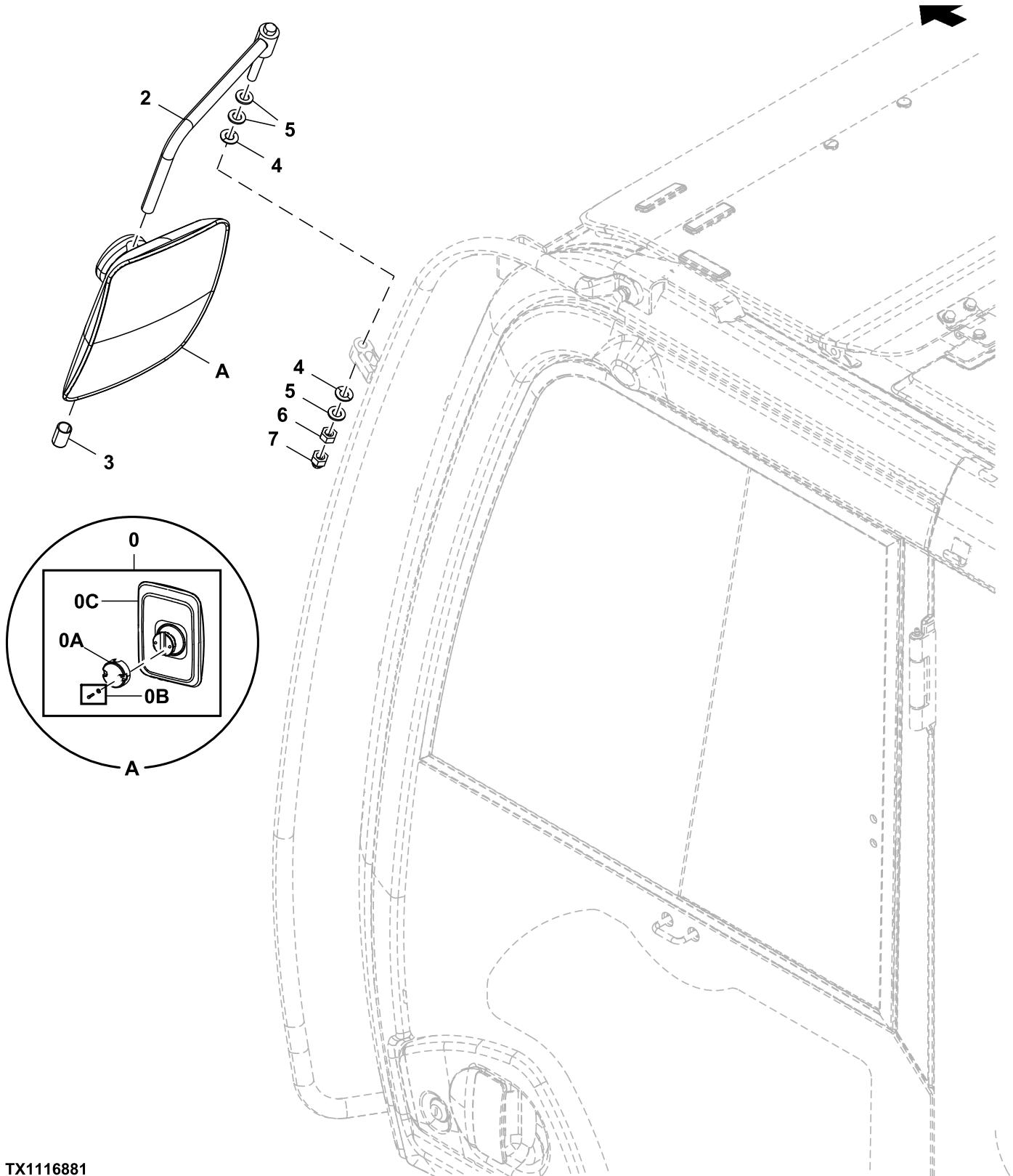


TX1210383

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	FYA40031283	Bracket	1		
1	..... 19M7662	Screw With Washer Cap Screw	3 3		J271030 NLA M10 X 30, SUB FOR J901030
	24M7346	Washer	3		11 X 20 X 2 mm, SUB FOR J222010
2	AT497535	Rear View Mirror	1		SUB FOR 4675257
2A	FYA00003621	Holder	1		
2B	FYA00003622	Bolt	2		

Cab Rear View Mirror

TX1116881 D.1

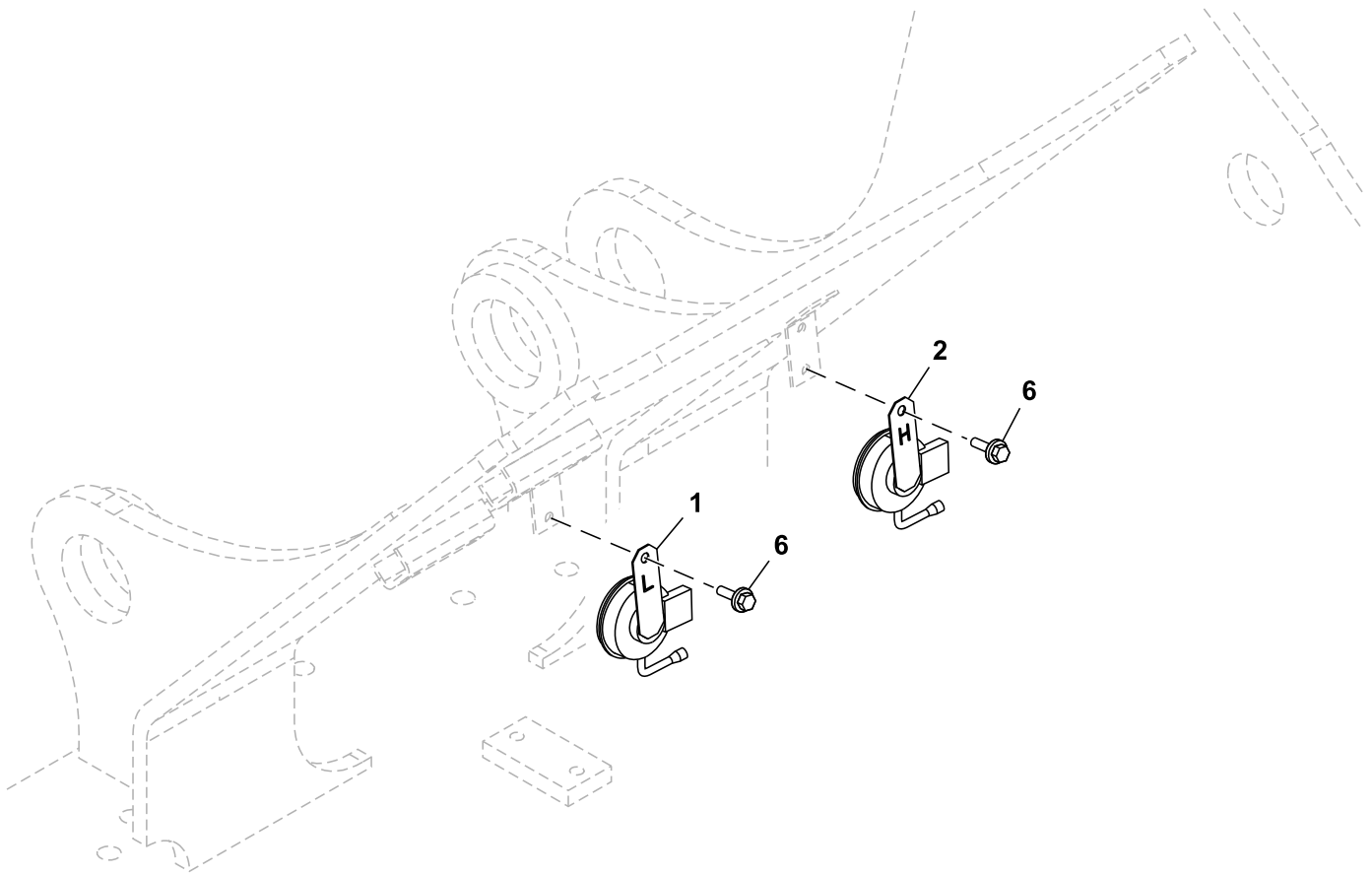


TX1116881

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	AT497535	Rear View Mirror	1		
0A	FYA00003621	Holder	1		SUB FOR 4675257
0B	FYA00003622	Bolt	2		
0C	.....	Housing	1		NSEP
2	8103785	Bracket	1		
3	4642023	Cap	1		
4	4172172	Washer	2		
5	24M7047	Washer	3		13 X 24 X 2.500 mm, SUB FOR J253112
6	14M7275	Nut	1		M12, SUB FOR J231212
7	4449509	Cap	1		

Horn

TX1210511 A.1



TX1210511

**20 Safety, Convenience and Miscellaneous  
2004 Warning Devices Including Horn & Reverse Alarm**

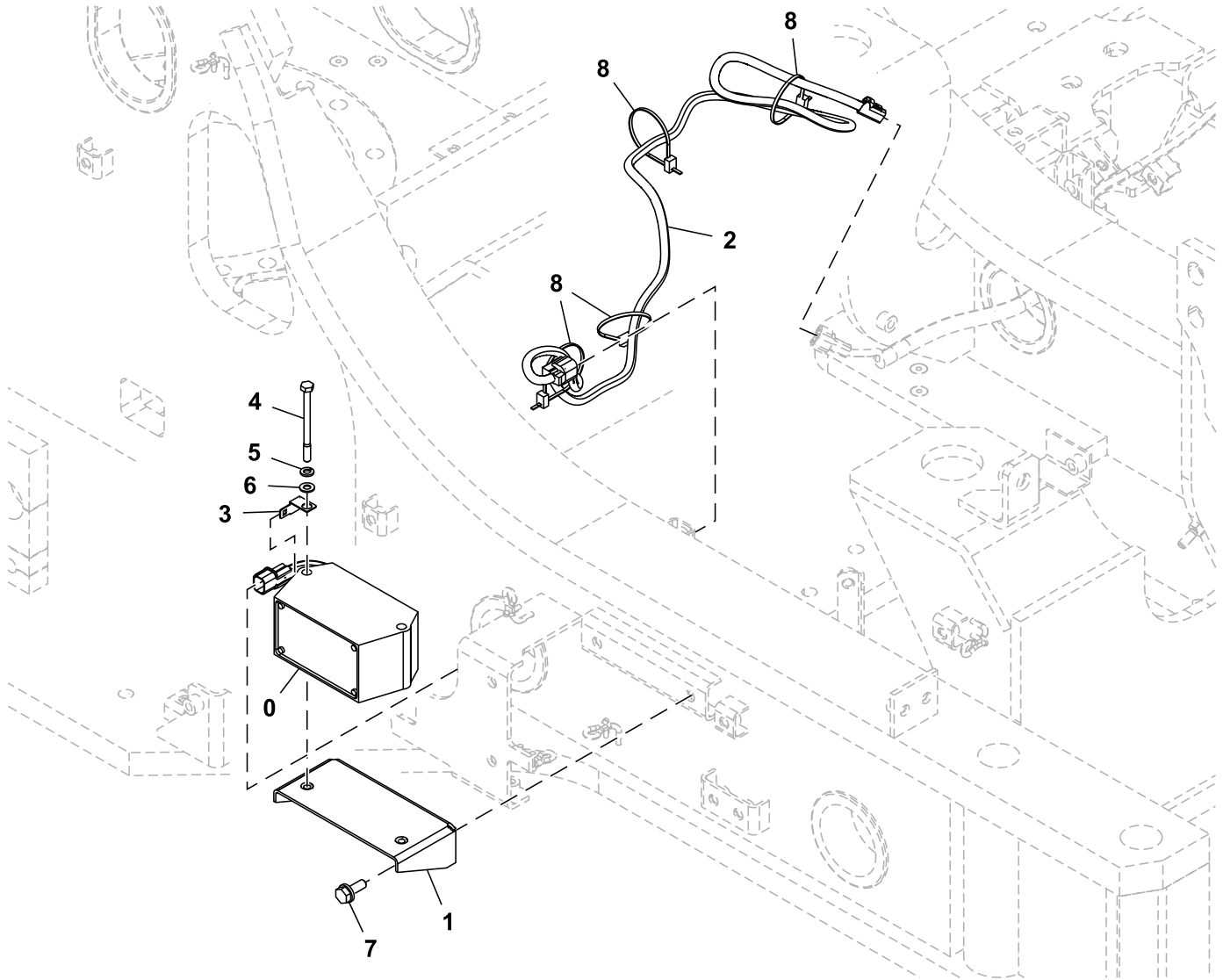
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<i>Key</i>	<i>Part No.</i>	<i>Part Name</i>	<i>Qty.</i>	<i>Serial No.</i>	<i>Remarks</i>
1	4719527	Horn	1		Low
2	4719528	Horn	1		High
6	.....	Screw With Washer	2		J260820 NLA
	19M7881	Screw	2		M8 X 20, SUB FOR J900820
	24M7055	Washer	2		8.400 X 16 X 1.600 mm, SUB FOR A590108



Travel Motion Alarm

TX1211104 A.1



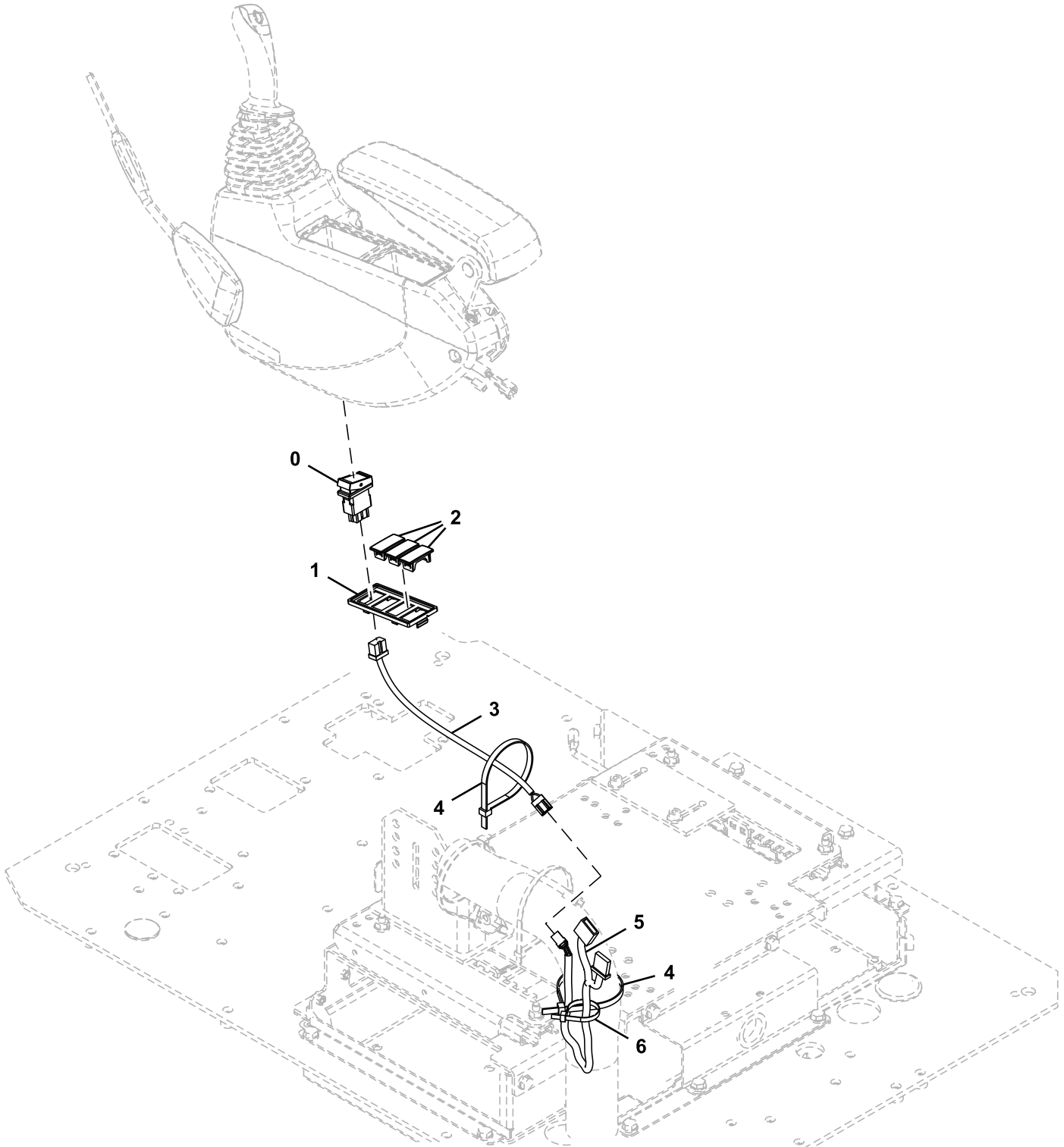
TX1211104

**20 Safety, Convenience and Miscellaneous  
2004 Warning Devices Including Horn & Reverse Alarm**

<i>Key</i>	<i>Part No.</i>	<i>Part Name</i>	<i>Qty.</i>	<i>Serial No.</i>	<i>Remarks</i>
0	4637641	Alarm System	1		Travel Motion Alarm
1	8074688	Bracket	1		
2	FYA00013777	Wiring Harness	1		Travel Motion Alarm
3	4418301	Bracket	1		
4	19M7296	Cap Screw	2		M8 X 100, SUB FOR J900800
5	12M7065	Lock Washer	2		8 mm, SUB FOR A590908
6	24M7055	Washer	2		8,400 X 16 X 1.600 mm, SUB FOR A590108
7	.....	Screw With Washer	2		J271030 NLA
	19M7662	Cap Screw	2		M10 X 30, SUB FOR J901030
	24M7346	Washer	2		11 X 20 X 2 mm, SUB FOR J222010
8	H77698	Tie Band	4		SUB FOR 4055312

Travel Motion Alarm Switch

TX1115444 A.1



TX1115444

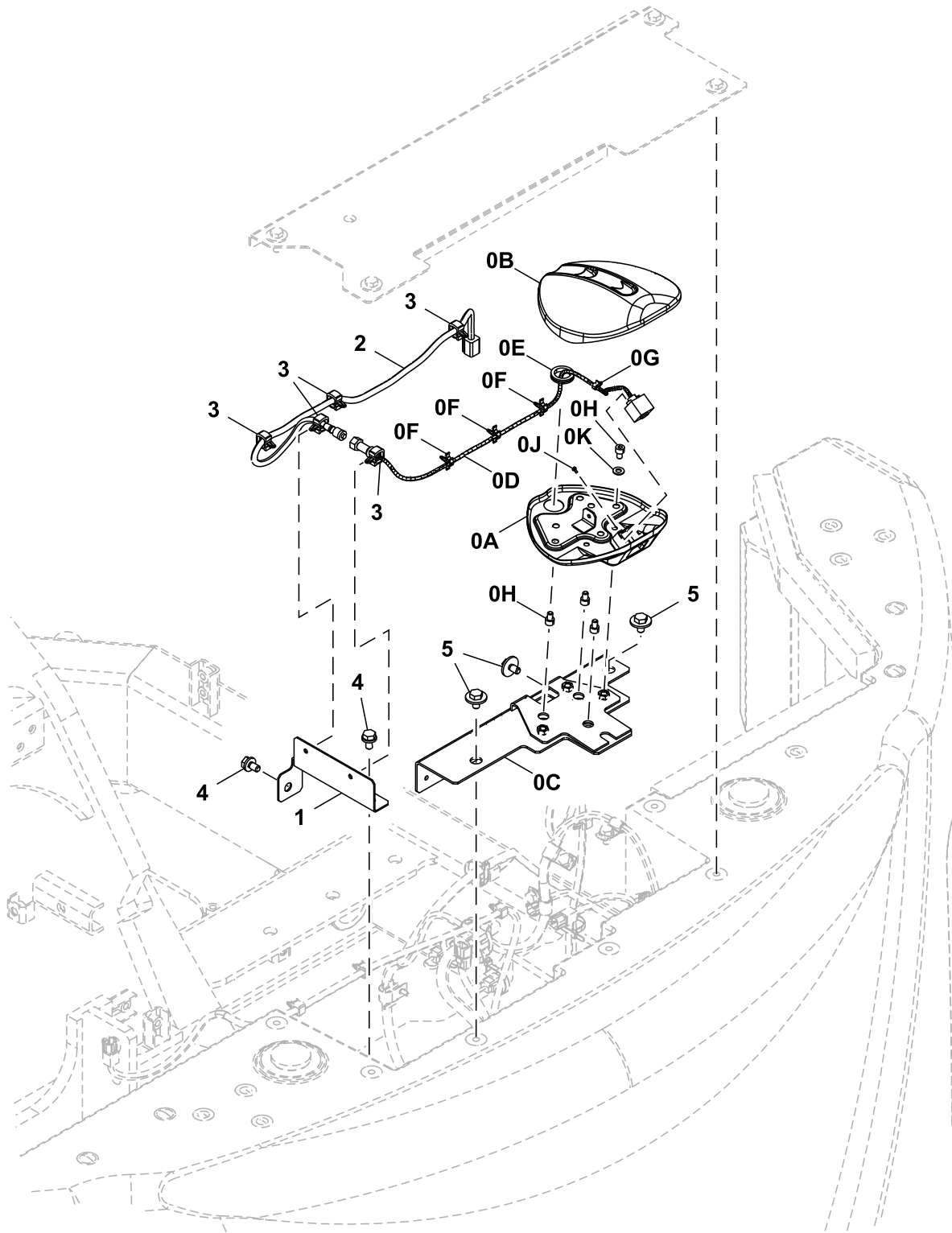
**20 Safety, Convenience and Miscellaneous  
2004 Warning Devices Including Horn & Reverse Alarm**

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<i>Key</i>	<i>Part No.</i>	<i>Part Name</i>	<i>Qty.</i>	<i>Serial No.</i>	<i>Remarks</i>
0	4651296	Switch	1		Travel Motion Alarm
1	2058776	Case	1		
2	3121182	Cap	3		
3	4651869	Wiring Harness	1		Travel Motion Alarm, Switch Side
4	H77698	Tie Band	2		SUB FOR 4121859
5	FYA00004567	Wiring Harness	1		Travel Motion Alarm, Speaker Side
6	H77698	Tie Band	1		SUB FOR 4055312

Rear Camera

TX1211589 A.1



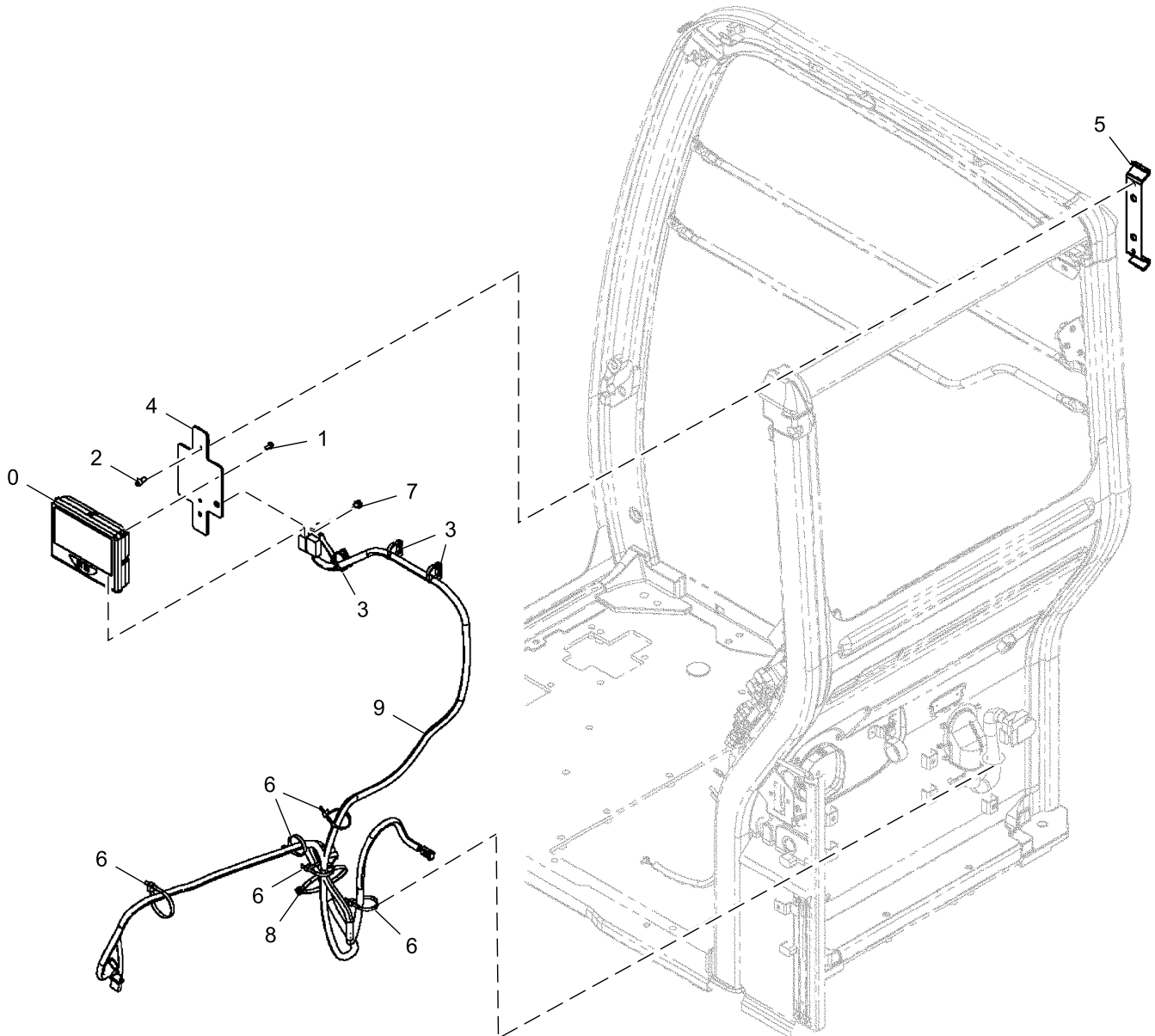
TX1211589

0 — 0A,0B,0C,0D,0E,  
0F,0G,0H,0J,0K

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	FYA60027822	Television Camera	1		
0A	FYA40004445	Cover	1		
0B	FYA40002913	Cover	1		
0C	FYA40020591	Bracket	1		
0D	FYA60055961	Television Camera	1		SUB FOR FYA00052438 AND FYA00005619
0E	4299864	Grommet	1		
0F	4631911	Clip	3		
0G	4218657	Clip	1		
0H	19M9121	Screw	6		M8 X 12, SUB FOR J780812
0J	FYA00007846	Screw	2		
0K	24M7055	Washer	3		8.400 X 16 X 1.600 mm, SUB FOR A590108
1	FYA00032465	Bracket	1		
2	4712344	Wiring Harness	1		Rear Camera
3	4449250	Clip	5		
4	.....	Screw With Washer	2		J271020 NLA
	19M7938	Cap Screw	2		M10 X 20, SUB FOR J901020
	24M7346	Washer	2		11 X 20 X 2 mm, SUB FOR J222010
5	.....	Screw With Washer	3		J281020 NLA
	19M7938	Cap Screw	3		M10 X 20, SUB FOR J901020
	4486055	Washer	3		

Side Camera Monitor

TX1165908 A.1



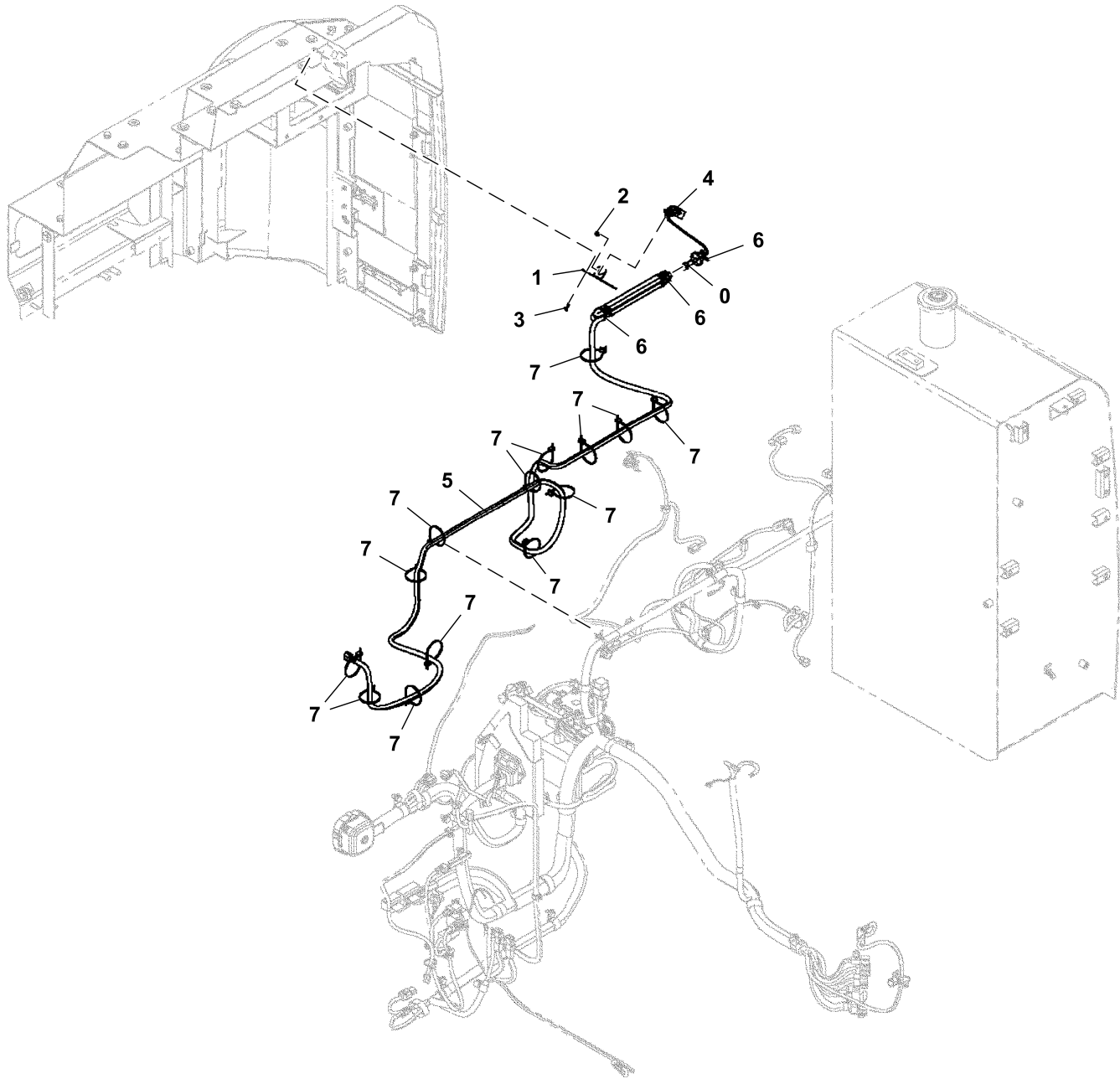
TX1165908

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	FYA00028865	Monitor	1		Side Camera
1	.....	Screw With Washer	3		J680616 NLA
	21M7577	Socket Head Screw	3		M6 X 16
	24M7054	Washer	3		6.400 X 12 X 1.600 mm
	12M7006	Lock Washer	3		6 mm
2	19M7647	Screw	2		M8 X 16, SUB FOR M340816
3	4693370	Clip	3		
4	FYA40010622	Bracket	1		
5	FYA40010621	Bracket	1		
6	H77698	Tie Band	5		SUB FOR 4055312
7	.....	Screw With Washer	1		J260812 NLA
	19M7865	Screw	1		M8 X 16, SUB FOR J900812
	24M7055	Washer	1		8.400 X 16 X 1.600 mm, SUB FOR A590108
8	H77698	Tie Band	1		SUB FOR 4121859
9	FYA00018937	Wiring Harness	1		INCLUDES 4456778, Side Camera Monitor
	4456778	Diode	1		3A



Side Camera

TX1165909 A.1

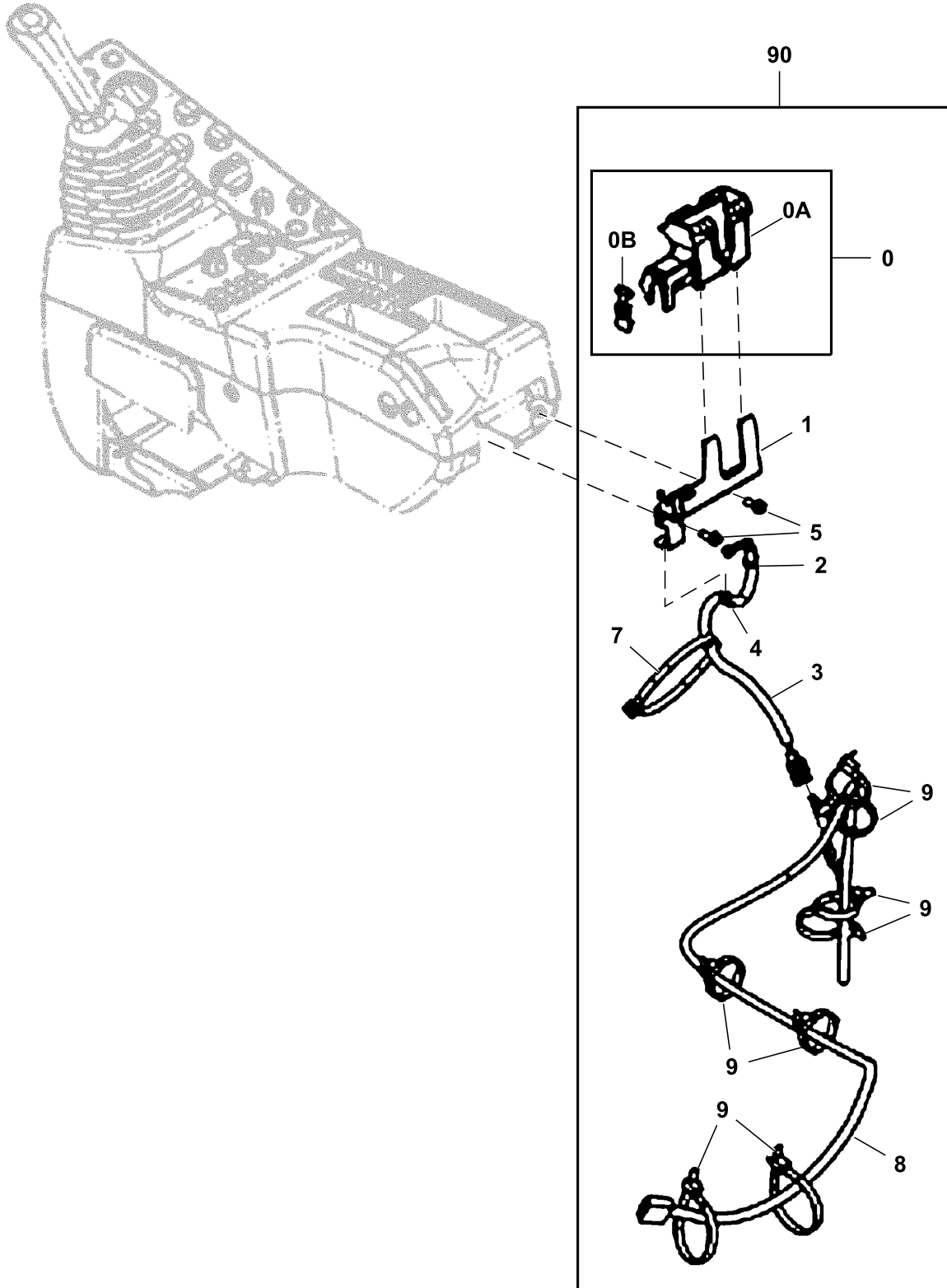


TX1165909

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	FYA00052440	Television Camera	1		SUB FOR FYA00005709
1	FYA00019488	Bracket	1		
2	FYA00007846	Screw	2		
3	.....	Screw With Washer	2		J260616 NLA
	19M7560	Cap Screw	2		M6 X 16, SUB FOR J900616
	24M7054	Washer	2		6.400 X 12 X 1.600 mm, SUB FOR A590106
4	4254600	Clip	1		Side Camera
5	FYA00018926	Wiring Harness	1		
6	4259220	Clip	3		
7	H77698	Tie Band	14		SUB FOR 4055312

MP3 Player Wiring Harness

TX1284821 A.1

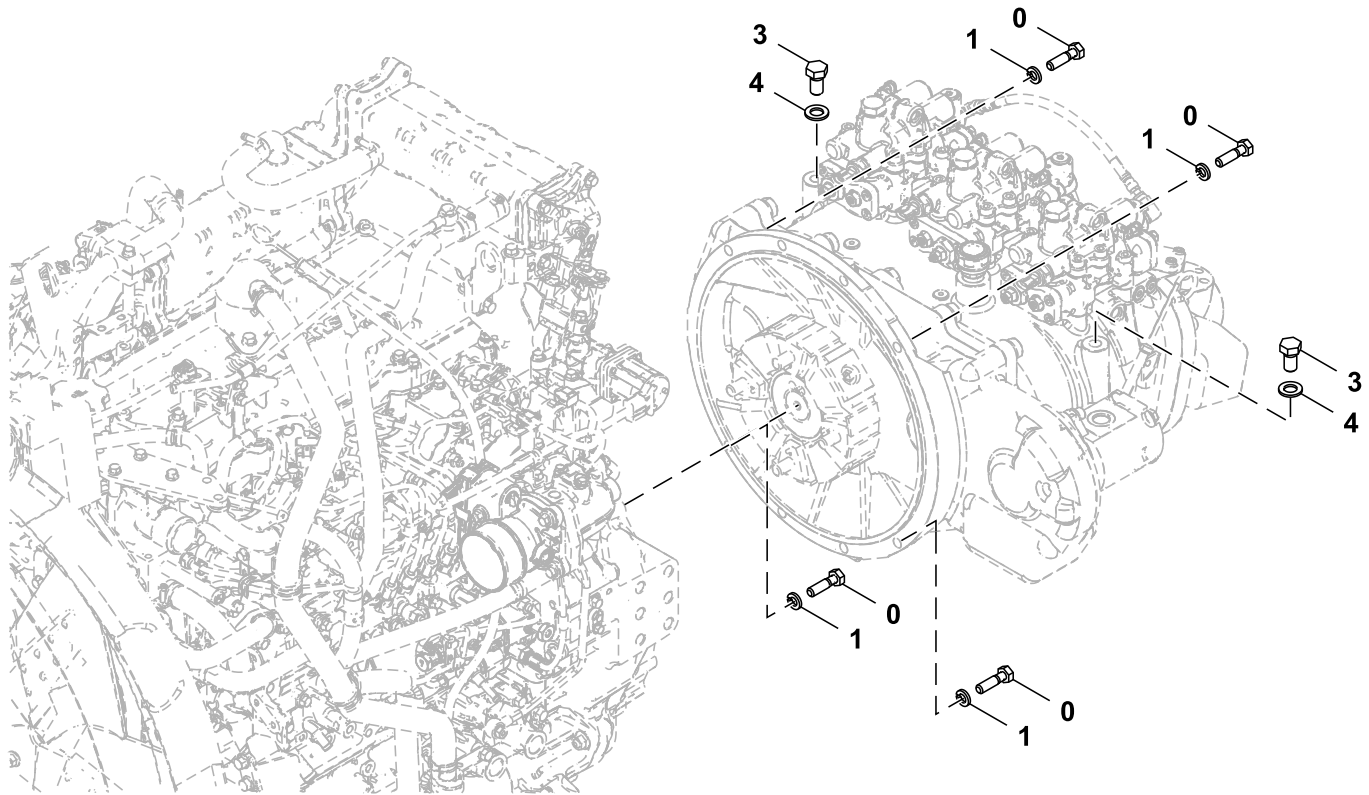


TX1284821

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	.....	Case	1		FYA40005509 NLA, Furnish Components
0A	FYA00008595	Case	1		
0B	FYA00008594	Cover	1		
1	FYA00008596	Bracket	1		
2	4165068	Grommet	1		
3	FYA00008476	Wiring Harness	1		Auxiliary Audio
4	H77698	Tie Band	1		SUB FOR 4300351
5	.....	Screw With Washer	2		J460620 NLA
	12M7006	Lock Washer	2		6 mm
	21M7267	Screw	2		M6 X 20
	24M7293	Washer	2		6.500 X 13 X 1.600 mm
7	H77698	Tie Band	1		SUB FOR 4121859
8	FYA00008477	Wiring Harness	1		Auxiliary Audio Interface
9	DH400240	Tie Band	8		
<b>90</b>	<b>ETN93549</b>	<b>Field Installation Kit</b>	<b>1</b>		<b>Whole Goods</b>

Hydraulic Pump Mounting

TX1211520 A.1

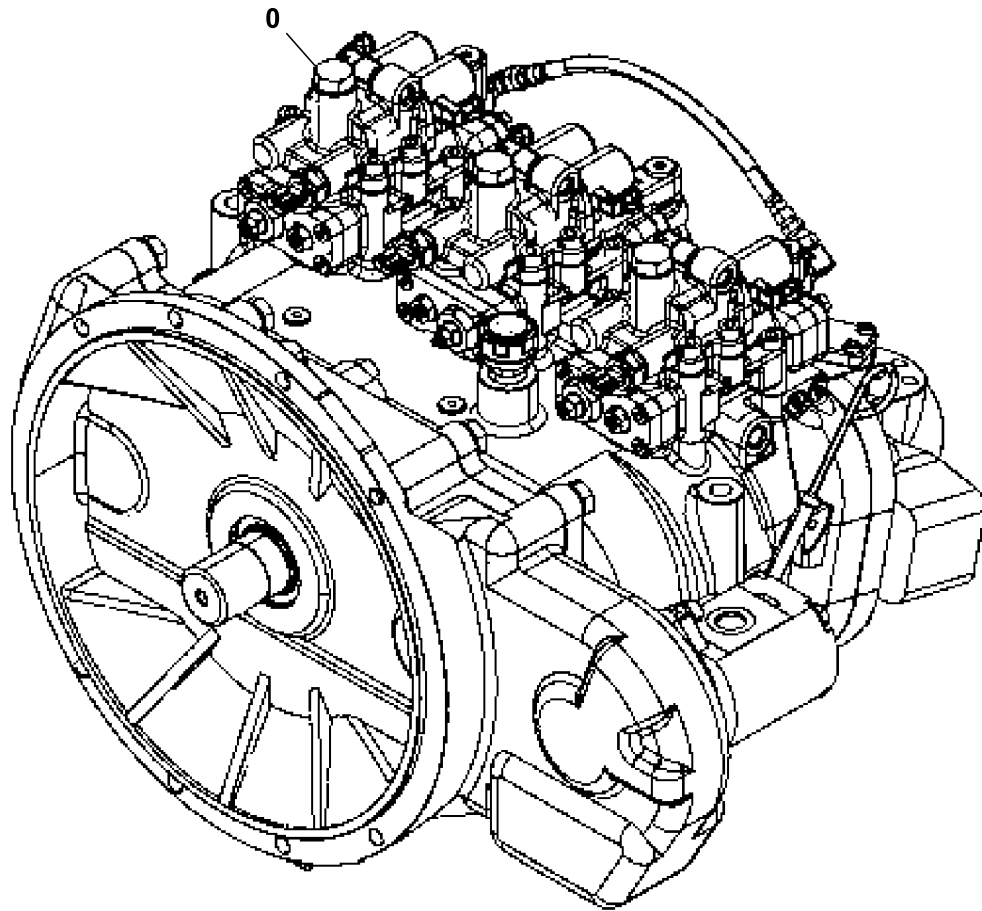


TX1211520

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	19M7496	Cap Screw	8		M12 X 45, SUB FOR J921245
1	12H301	Lock Washer	8		1/2", SUB FOR A590912
3	19M8029	Cap Screw	2		M16 X 30, SUB FOR J901630
4	24M7053	Washer	2		17 X 30 X 3 mm, SUB FOR A590116

Hydraulic Pump

TX1211807 A.1



TX1211807

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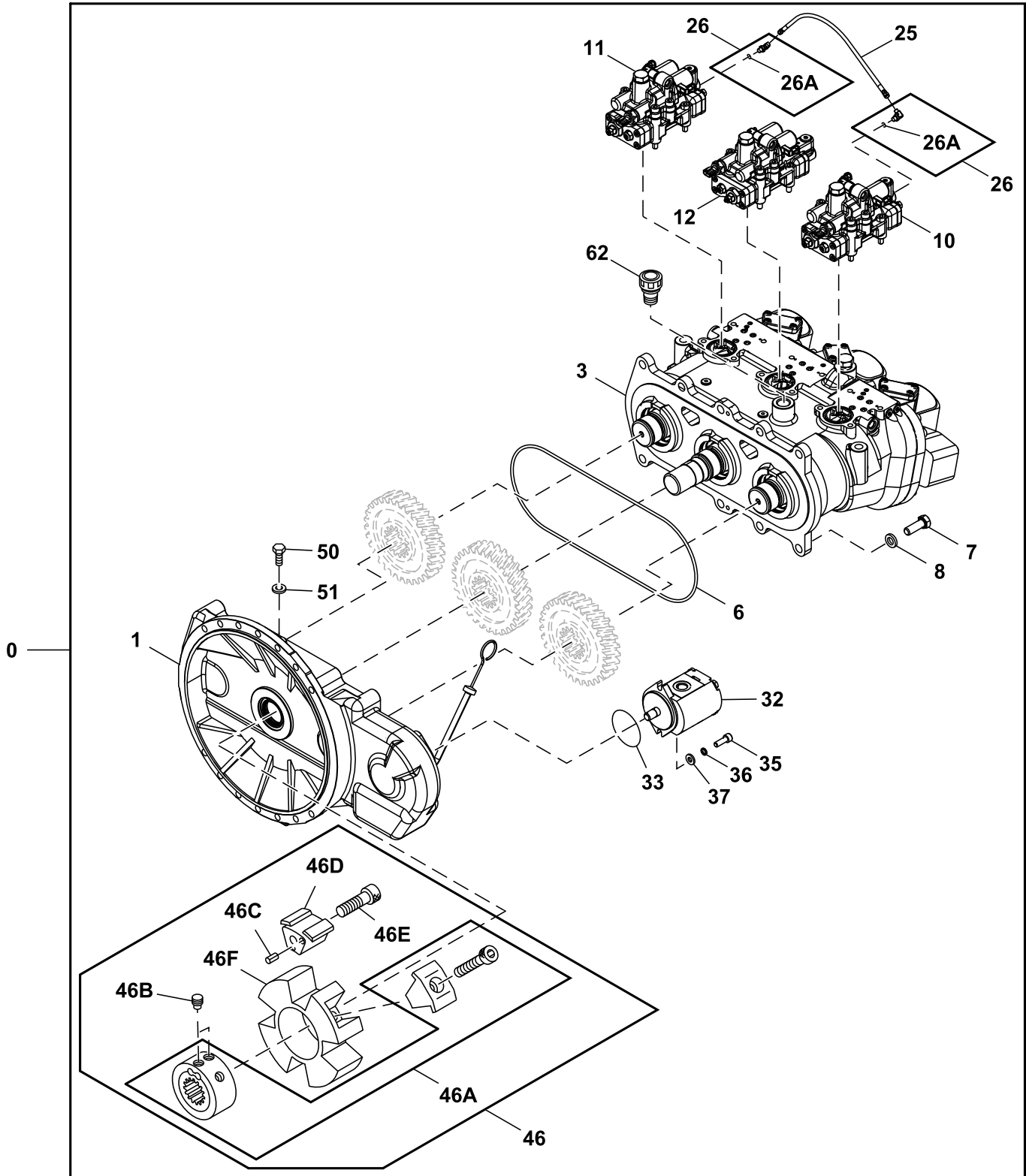
<i>Key</i>	<i>Part No.</i>	<i>Part Name</i>	<i>Qty.</i>	<i>Serial No.</i>	<i>Remarks</i>
0	.....	Hydraulic Pump	1		FYB60000495 NLA, Components On Separate Pages

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Hydraulic Pump Components

TX1212606 C.1



TX1212606

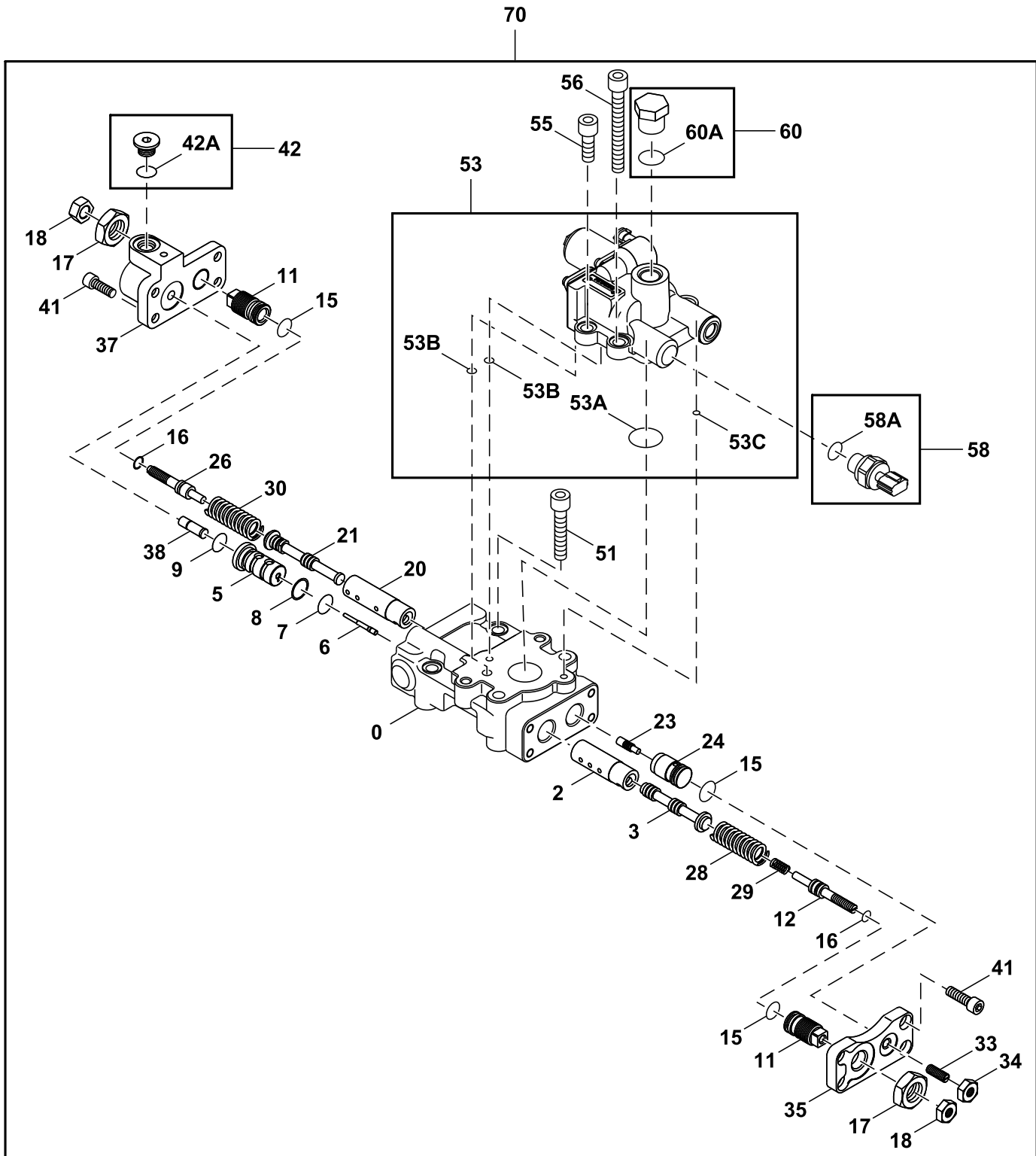
99 — 6,26A,33

**21 Vehicle Main Hydraulic System  
2161 Hyd Pumps & Drives**

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	FYB60001371	Device	1		Additional Components On Separate Pages
1	9302825	Transmission	1		Components On Separate Pages
3	9316776	Pump	1		Components On Separate Page
6	4726029	O-Ring	1		
7	19M7489	Cap Screw	10		M16 X 45, SUB FOR J901645
8	12H294	Lock Washer	10		5/8", SUB FOR A590916
10	FYB60000572	Regulator	1		Components On Separate Page
11	FYB60000152	Regulator	1		Components On Separate Page
12	FYB60000575	Regulator	1		Components On Separate Page
25	4625021	Hose	1		
26	4154670	Elbow Fitting	2		SUB FOR A852322
26A	957366	O-Ring	1		
32	9217993	Pump	1		Components On Separate Page
33	4153543	O-Ring	1		
35	19M8337	Screw	2		M10 X 30, SUB FOR M341030
36	12M7135	Lock Washer	2		10 mm, SUB FOR 984054
37	4114402	Washer	2		
46	FYB00003473	Coupling	1		SUB FOR 4713245
46A	FYB00003598	Hub	1		SUB FOR FYB00000293
46B	4702173	Set Screw	2		
46C	34M7117	Spring Pin	4		5 X 10 mm, SUB FOR 4101345
46D	4682268	Insert	4		
46E	T108085	Cap Screw	4		SUB FOR 4183168
46F	4682266	Coupling	1		
50	19M8231	Cap Screw	1		M12 X 16, SUB FOR J901216
51	24M7047	Washer	1		13 X 24 X 2.500 mm, SUB FOR A590112
62	FYB00000680	Breather	1		
99	FYB00000297	Seal Kit	1		Additional Components On Separate Page

Hydraulic Pump Regulator 1 Components

TX1212622 A.1



TX1212622

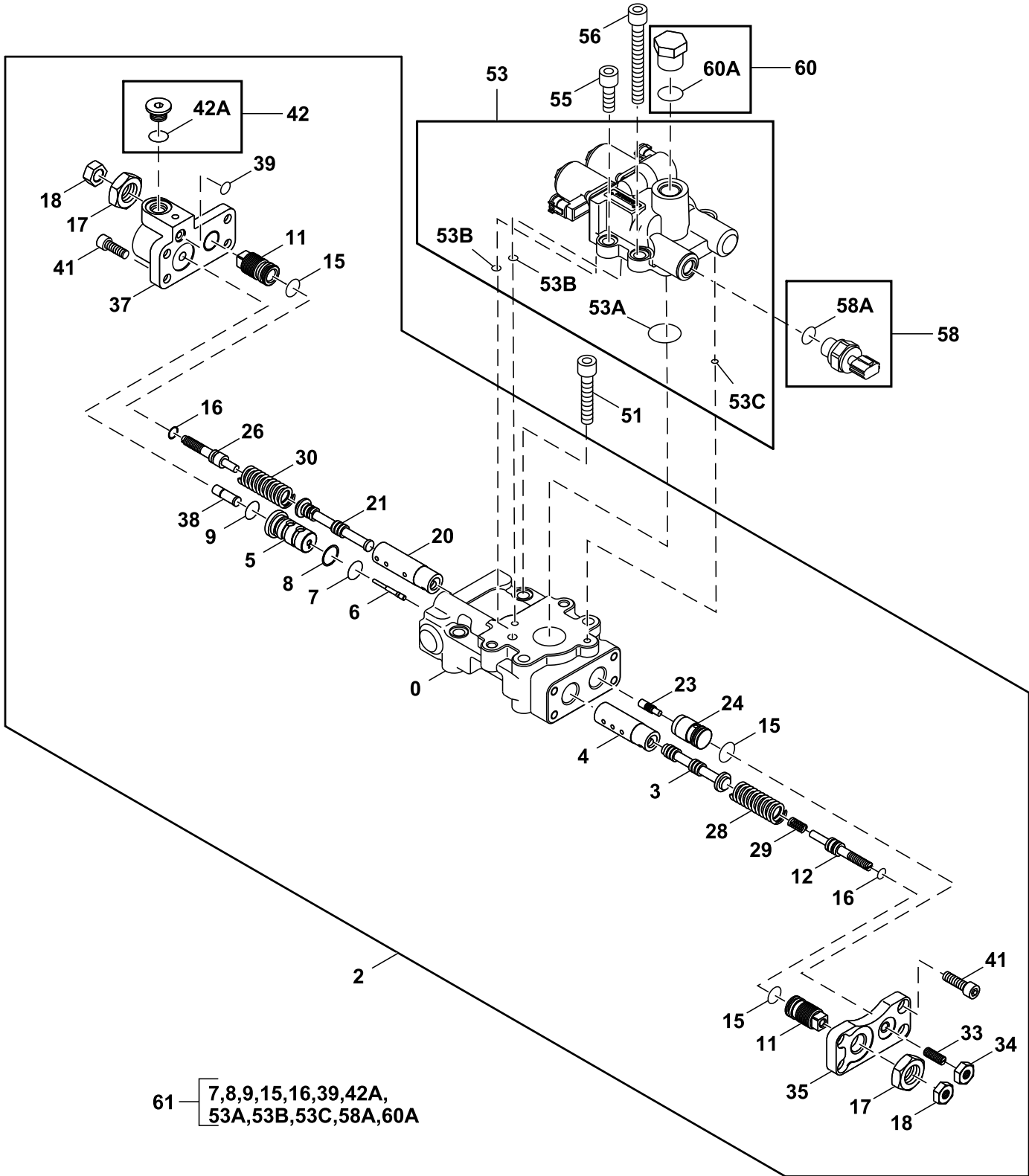
99 7,8,9,15,16,42A,53A,  
53B,53C,58A,60A

21 Vehicle Main Hydraulic System  
2161 Hyd Pumps & Drives

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	FYB00001428	Case	1		
2	4179155	Sleeve	1		
3	4179156	Spool	1		
5	4375722	Cylinder	1		
6	4360590	Piston	1		
7	TH102560	O-Ring	1		SUB FOR 4150302
8	4085607	Back-Up Ring	1		
9	4297380	O-Ring	1		
11	4179161	Stop	2		
12	4368619	Stop	1		
15	4342843	O-Ring	3		
16	4342841	O-Ring	2		
17	4068898	Nut	2		
18	14M7273	Nut	2		M8, SUB FOR M500807
20	4346522	Sleeve	1		
21	4346521	Valve Spool	1		
23	4179171	Piston	1		
24	4451498	Piston	1		
26	4347107	Stop	1		
28	4616531	Compression Spring	1		
29	4616533	Compression Spring	1		
30	4656553	Compression Spring	1		
33	22M7098	Set Screw	1		M10 X 25, SUB FOR 4265964
34	14M7274	Nut	1		M10, SUB FOR J950010
35	.....	Cover	1		4433327 NSEP
37	3107927	Cover	1		
38	4653849	Piston	1		
41	19M8446	Screw	8		M8 X 20, SUB FOR M340820
42	9134110	Fitting	1		
42A	0981201	O-Ring	1		SUB FOR 957366
51	19M8339	Screw	2		M10 X 55, SUB FOR M341056
53	9323872	Solenoid Valve	1		
53A	4292942	O-Ring	1		SUB FOR 4153534
53B	TH102560	O-Ring	2		SUB FOR 4150302
53C	4153087	O-Ring	1		
55	19M8337	Screw	2		M10 X 30, SUB FOR M341030
56	19M8574	Screw	2		M10 X 85, SUB FOR M341090
58	4436536	Sensor	1		Pressure
58A	4509180	O-Ring	1		SUB FOR 4153095 AND 4301675
60	4174541	Fitting	1		
60A	4506418	O-Ring	1		
70	FYB60000572	Regulator	1		Hydraulic Pump Regulator 1
99	FYB00000330	Seal Kit	1		

Hydraulic Pump Regulator 2 Components

TX1115926 C.1



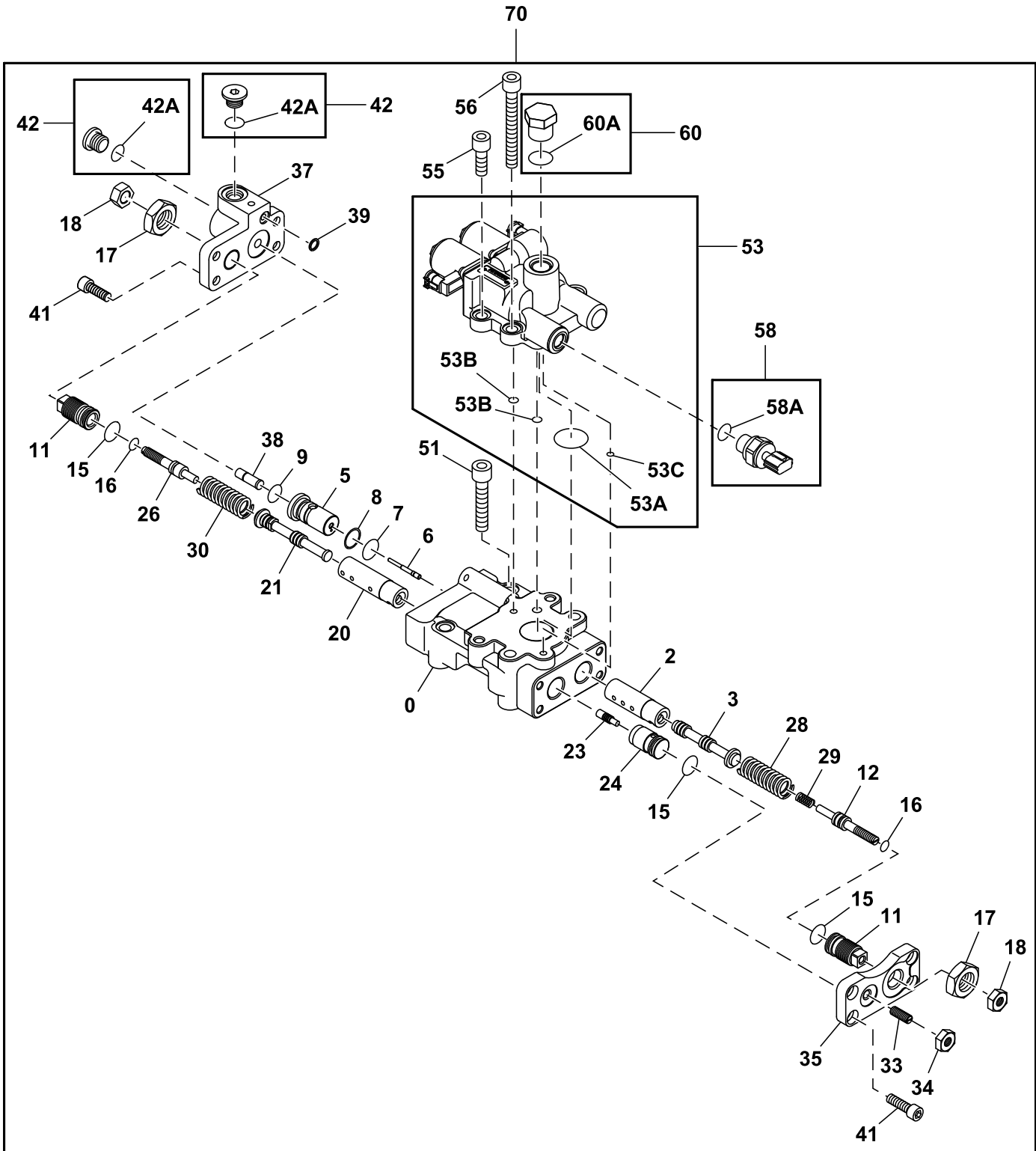
TX1115926

21 Vehicle Main Hydraulic System  
2161 Hyd Pumps & Drives

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	1037129	Housing	1		
2	FYB60000152	Regulator	1		Hydraulic Pump Regulator 2
3	4179156	Spool	1		
4	4179155	Sleeve	1		
5	4375722	Cylinder	1		
6	4360590	Piston	1		
7	TH102560	O-Ring	1		SUB FOR 4150302
8	4085607	Back-Up Ring	1		
9	4297380	O-Ring	1		
11	4179161	Stop	2		
12	4368619	Stop	1		
15	4342843	O-Ring	3		
16	4342841	O-Ring	2		
17	4068898	Nut	2		
18	14M7273	Nut	2		M8, SUB FOR M500807
20	4346522	Sleeve	1		
21	4346521	Valve Spool	1		
23	4179171	Piston	1		
24	4451498	Piston	1		
26	4347107	Stop	1		
28	4616531	Compression Spring	1		
29	4616533	Compression Spring	1		
30	4656553	Compression Spring	1		
33	22M7098	Set Screw	1		M10 X 25, SUB FOR 4265964
34	14M7274	Nut	1		M10, SUB FOR J950010
35	.....	Cover	1		4433327 NSEP
37	3117719	Cover	1		
38	4653849	Piston	1		
39	CH11560	Packing	1		SUB FOR 4180349
41	19M8446	Screw	8		M8 X 20, SUB FOR M340820
42	9134110	Fitting	1		
42A	0981201	O-Ring	1		SUB FOR 957366
51	19M8339	Screw	2		M10 X 55, SUB FOR M341056
53	9312792	Solenoid Valve	1		
53A	4292942	O-Ring	1		SUB FOR 4153534
53B	TH102560	O-Ring	2		SUB FOR 4150302
53C	4153087	O-Ring	1		
55	19M8337	Screw	2		M10 X 30, SUB FOR M341030
56	19M8574	Screw	2		M10 X 85, SUB FOR M341090
58	4436536	Sensor	1		Pressure
58A	4509180	O-Ring	1		SUB FOR 4153095 AND 4301675
60	4174541	Fitting	1		
60A	4506418	O-Ring	1		
61	FYB00000330	Seal Kit	1		

Hydraulic Pump Regulator 3 Components

TX1212649 B.1



TX1212649

99 — 7,8,9,15,16,39,42A,  
53A,53B,53C,58A,60A

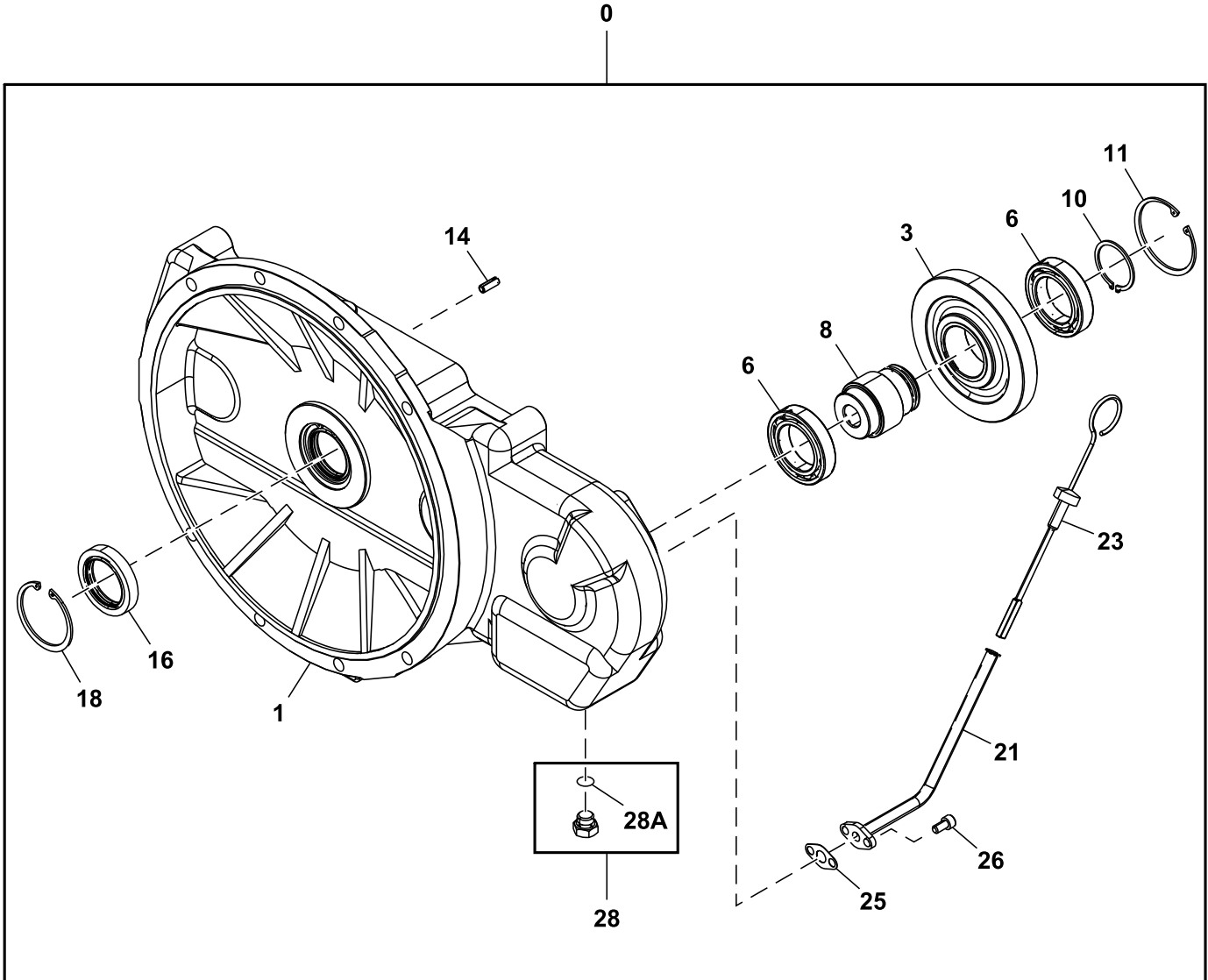
21 Vehicle Main Hydraulic System  
2161 Hyd Pumps & Drives

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	1036553	Housing	1		
2	4179155	Sleeve	1		
3	4179156	Spool	1		
5	4663529	Cylinder	1		
6	4360590	Piston	1		
7	TH102560	O-Ring	1		SUB FOR 4150302
8	4085607	Back-Up Ring	1		
9	4297380	O-Ring	1		
11	4179161	Stop	2		
12	4704354	Stop	1		
15	4342843	O-Ring	3		
16	4342841	O-Ring	2		
17	4068898	Nut	2		
18	14M7273	Nut	2		M8, SUB FOR M500807
20	4346522	Sleeve	1		
21	4346521	Valve Spool	1		
23	4179171	Piston	1		
24	4451498	Piston	1		
26	4347107	Stop	1		
28	4616531	Compression Spring	1		
29	4616533	Compression Spring	1		
30	4411325	Compression Spring	1		
33	22M7098	Set Screw	1		M10 X 25, SUB FOR 4265964
34	14M7274	Nut	1		M10, SUB FOR J950010
35	.....	Cover	1		4433327 NSEP
37	3117583	Cover	1		
38	4653849	Piston	1		
39	CH11560	Packing	1		SUB FOR 4180349
41	19M8446	Screw	8		M8 X 20, SUB FOR M340820
42	9134110	Fitting	2		
42A	0981201	O-Ring	1		SUB FOR 957366
51	19M8339	Screw	2		M10 X 55, SUB FOR M341056
53	FYB60000328	Solenoid Valve	1		
53A	4292942	O-Ring	1		SUB FOR 4153534
53B	TH102560	O-Ring	2		SUB FOR 4150302
53C	4153087	O-Ring	1		
55	19M8337	Screw	2		M10 X 30, SUB FOR M341030
56	19M8574	Screw	2		M10 X 85, SUB FOR M341090
58	4436536	Sensor	1		Pressure
58A	4509180	O-Ring	1		SUB FOR 4153095 AND 4301675
60	4174541	Fitting	1		
60A	4506418	O-Ring	1		
70	FYB60000575	Regulator	1		Hydraulic Pump Regulator 3
99	FYB00000330	Seal Kit	1		



Hydraulic Pump Drive and Dipstick

TX1212612 B.1



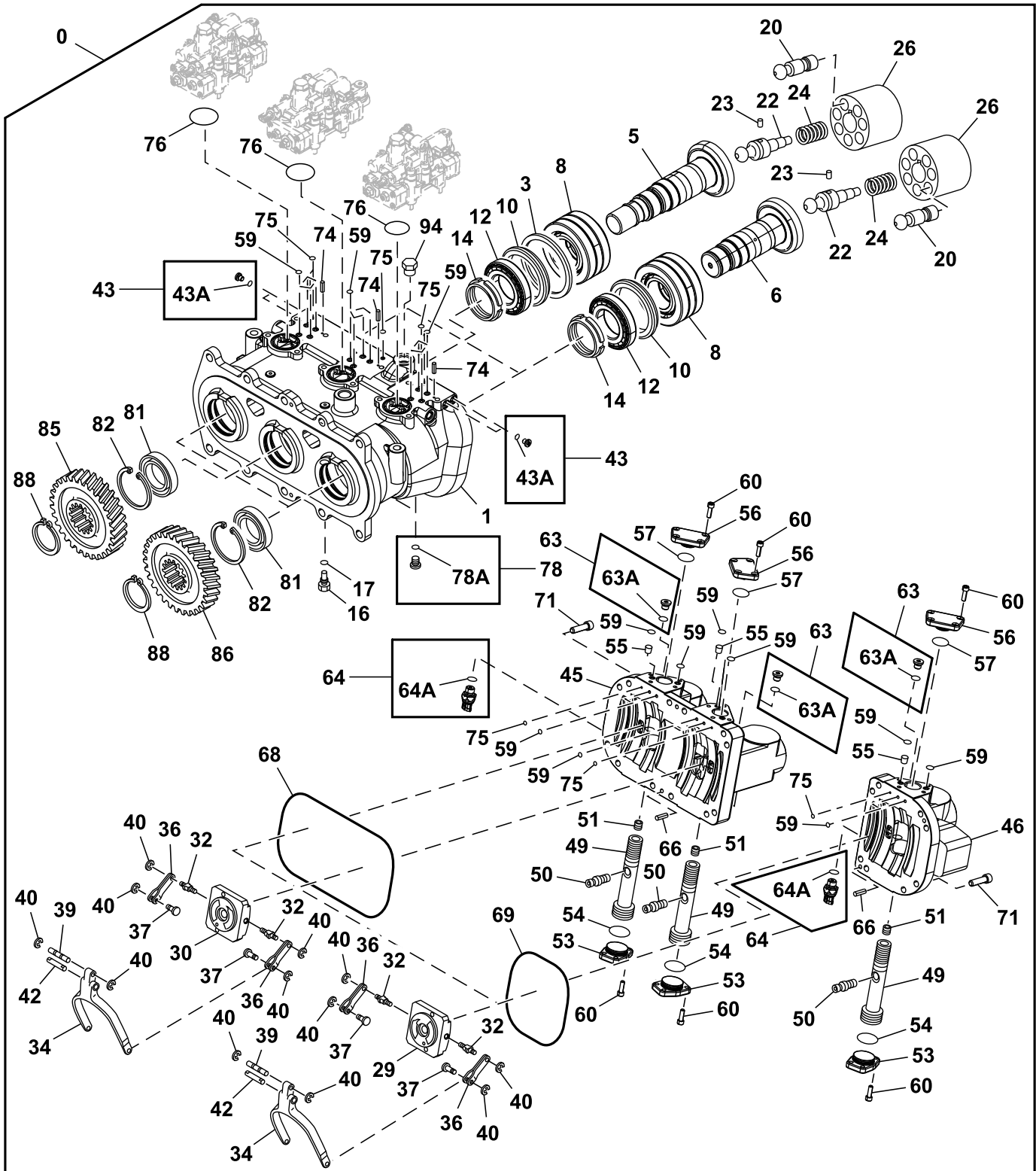
99 — 16,25,28A

TX1212612

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	FYB60001371	Device	1		
1	.....	Case	1		FYB00000014 NLA
3	3118813	Gear	1		
6	4696739	Ball Bearing	2		
8	3118405	Shaft	1		
10	40M7166	Snap Ring	1		SUB FOR 991345
11	40M7115	Snap Ring	1		SUB FOR 988850
14	34M7061	Spring Pin	2		8 X 20 mm, SUB FOR 4099290
16	4725082	Seal	1		
18	40M7044	Snap Ring	1		SUB FOR 940144
21	8129174	Pipe	1		
23	FYB00003100	Level Gauge	1		SUB FOR 4735508, Dipstick
25	9742779	Gasket	1		
26	19M7647	Screw	2		M8 X 16, SUB FOR M340816
28	15M7036	Drain Plug	1		INCLUDES 4622346, SUB FOR 4092534
28A	4297380	O-Ring	1		SUB FOR 4622346 OR 4509180
99	FYB00000297	Seal Kit	1		Additional Components On Separate Page

Hydraulic Pump Rotating Group Components

TX1212617 A.1



TX1212617

99 — 17,43A,54,57,59,63A,64A,68,69,75,76,78A,81

**21 Vehicle Main Hydraulic System  
2161 Hyd Pumps & Drives**

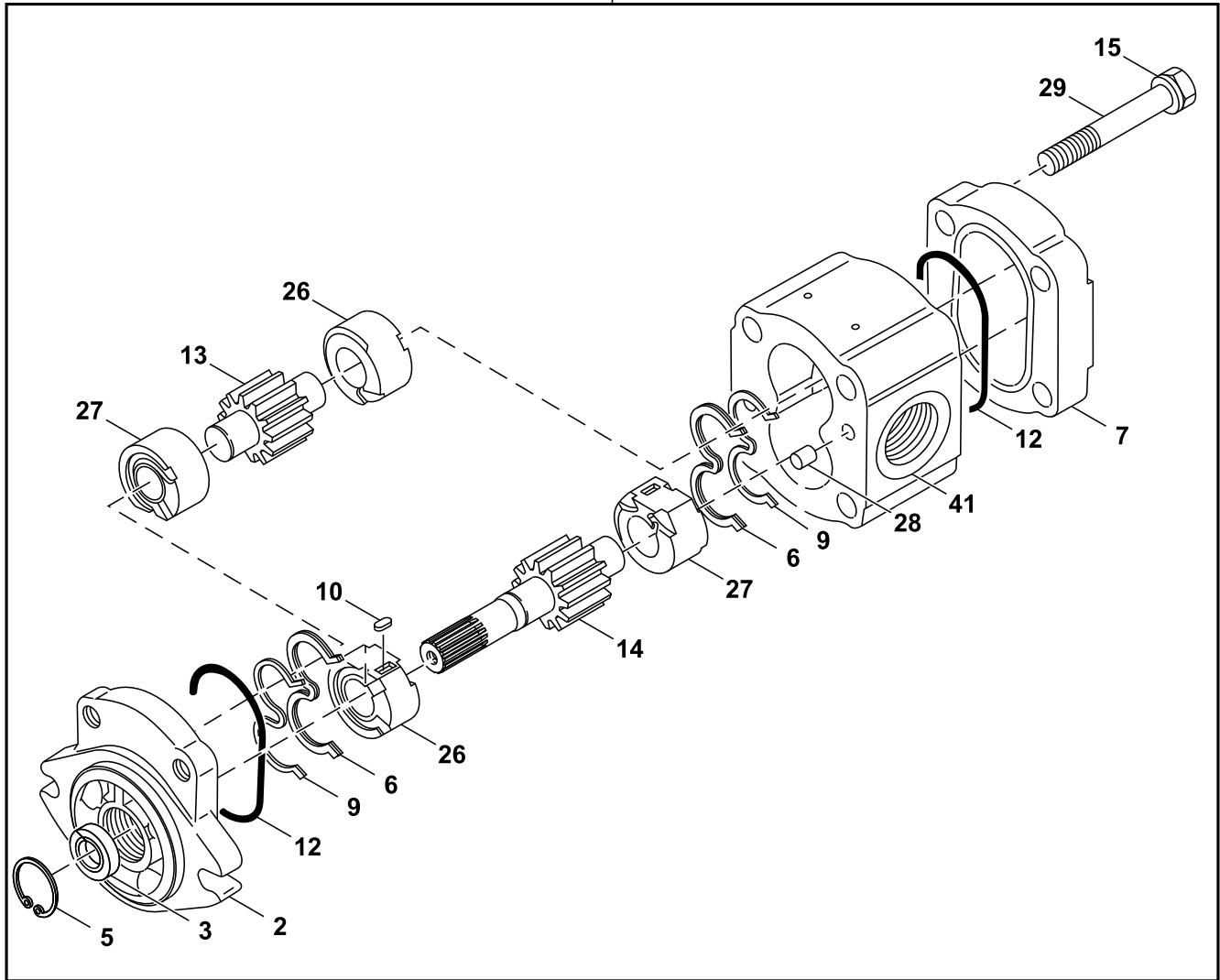
Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	9316776	Pump	1		
1	0007152	Housing	1		
3	4699132	Thrust Ring	1		
5	FYB00000835	Shaft	1		
6	.....	Shaft	2		ORDER (2) FYB00003315 AND FYB00003324, 2057711 NLA
	FYB00003315	Disk	2		
	FYB00003324	Case	1		
8	FYB00002226	Bearing	3		
10	FYB00002227	Ring	3		
12	FYB00002225	Bearing	3		
14	4191665	Nut	3		
16	4233165	Fitting	1		
17	957366	O-Ring	1		
20	8050658	Piston	21		
22	4337035	Shaft	3		
23	4198956	Pin Fastener	3		
24	4179181	Compression Spring	3		
26	2052956	Rotor	3		
29	2052073	Valve	2		Steering
30	2052067	Valve	1		Steering
32	4179179	Dowel Pin	6		
34	3104058	Link	3		
36	9724756	Lever	6		
37	4179177	Dowel Pin	6		
39	4179176	Dowel Pin	3		
40	CH17951	Ring	18		SUB FOR 4146370
42	4200227	Dowel Pin	3		
43	9134109	Drain Plug	4		
43A	4506408	O-Ring	1		
45	1036943	Housing	1		
46	1036942	Housing	1		
49	3115969	Piston	3		
50	4699158	Pin	3		
51	4337812	Set Screw	3		
53	FYB00001937	Isolator	3		
54	4292942	O-Ring	3		
55	4427347	Pipe Plug	3		
56	FYB00001935	Isolator	3		
57	4698442	O-Ring	3		
59	CH11560	Packing	24		SUB FOR 4180349
60	19M8439	Screw	24		M8 X 25, SUB FOR M340825
63	9134110	Fitting	3		
63A	957366	O-Ring	1		
64	4436271	Sensor	3		SUB FOR 4703324, Pressure
64A	4365826	O-Ring	1		
66	34M7061	Spring Pin	4		8 X 20 mm, SUB FOR 4099290
68	4699741	O-Ring	1		
69	4699742	O-Ring	1		
71	19M8341	Screw	20		M12 X 45, SUB FOR M341245
74	34M3845	Spring Pin	6		4 X 10 mm, SUB FOR 4515041
75	4343074	O-Ring	8		
76	4348665	O-Ring	3		
78	9134111	Fitting	3		
78A	4297380	O-Ring	1		SUB FOR 4509180 OR 4622346
81	4639126	Seal	3		
82	4038529	Snap Ring	3		
85	3115929	Gear	1		
86	3115930	Gear	2		
88	991346	Snap Ring	3		
94	4645330	Plug	1		
99	FYB00000299	Seal Kit	1		

Pilot Pump Components

TX1115907 E.1



0



50 — 3,5,6,9,12

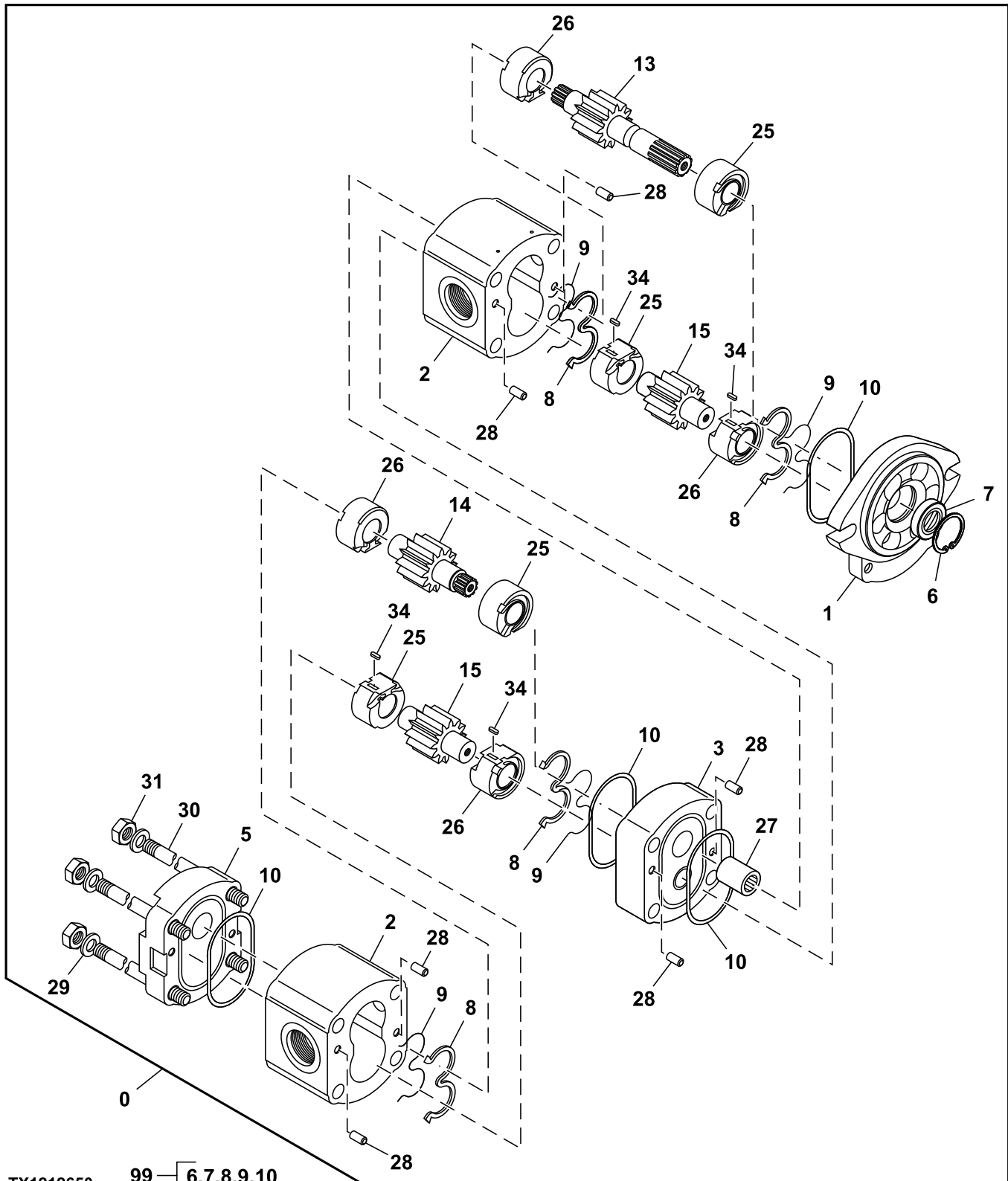
TX1115907

21 Vehicle Main Hydraulic System  
2161 Hyd Pumps & Drives

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	9217993	Pump	1		Pilot
2	.....	Flange	1		2050209 NLA
3	3097272	Seal	1		
5	4601409	Ring	1		
6	3095748	Seal	2		SUB FOR 1031045
7	.....	Cover	1		4605732 NLA
9	4487250	Ring	2		
10	4484119	Key	2		
12	4723508	O-Ring	2		
13	.....	Gear	1		NSEP
14	.....	Gear	1		NSEP
15	4605742	Washer	4		
26	.....	Bushing	2		NSEP
27	.....	Bushing	2		NSEP
28	J400613	Dowel Pin	2		
29	4710315	Bolt	4		
41	.....	Housing	1		NSEP
50	4487340	Seal Kit	1		

Pilot Pump Two Components

TX1212650 A.1



TX1212650

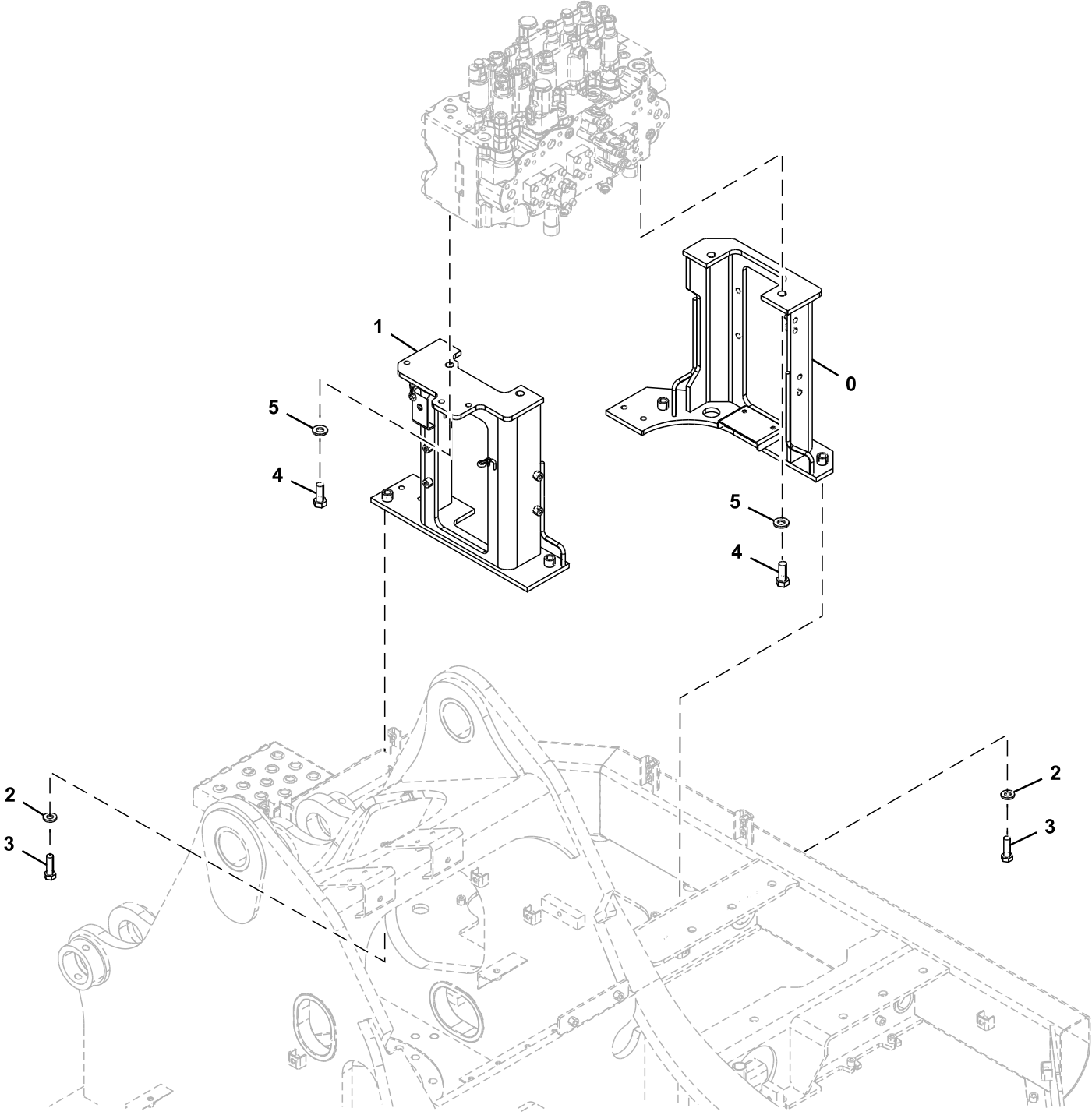
99 — 6,7,8,9,10

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	9218031	Pump	1		
1	.....	Flange	1		2050209 NLA
2	.....	Housing	2		NLA
3	2049356	Flange	1		
5	.....	Cover	1		4605732 NLA
6	4601409	Ring	1		
7	3097272	Seal	1		
8	3095748	Seal	4		SUB FOR 1031045
9	4487250	Ring	4		
10	4723508	O-Ring	4		
13	.....	Gear	1		NLA
14	.....	Gear	1		NLA
15	.....	Gear	2		NLA
25	.....	Bushing	4		NLA
26	.....	Bushing	4		NLA
27	3096565	Coupling	1		
28	J400613	Dowel Pin	6		
29	4605742	Washer	4		
30	2050299	Bolt	4		
31	4605737	Nut	4		
34	4484119	Key	4		
99	9225505	Seal Kit	1		



Control Valve Mounting Brackets

TX1115830 A.1



TX1115830

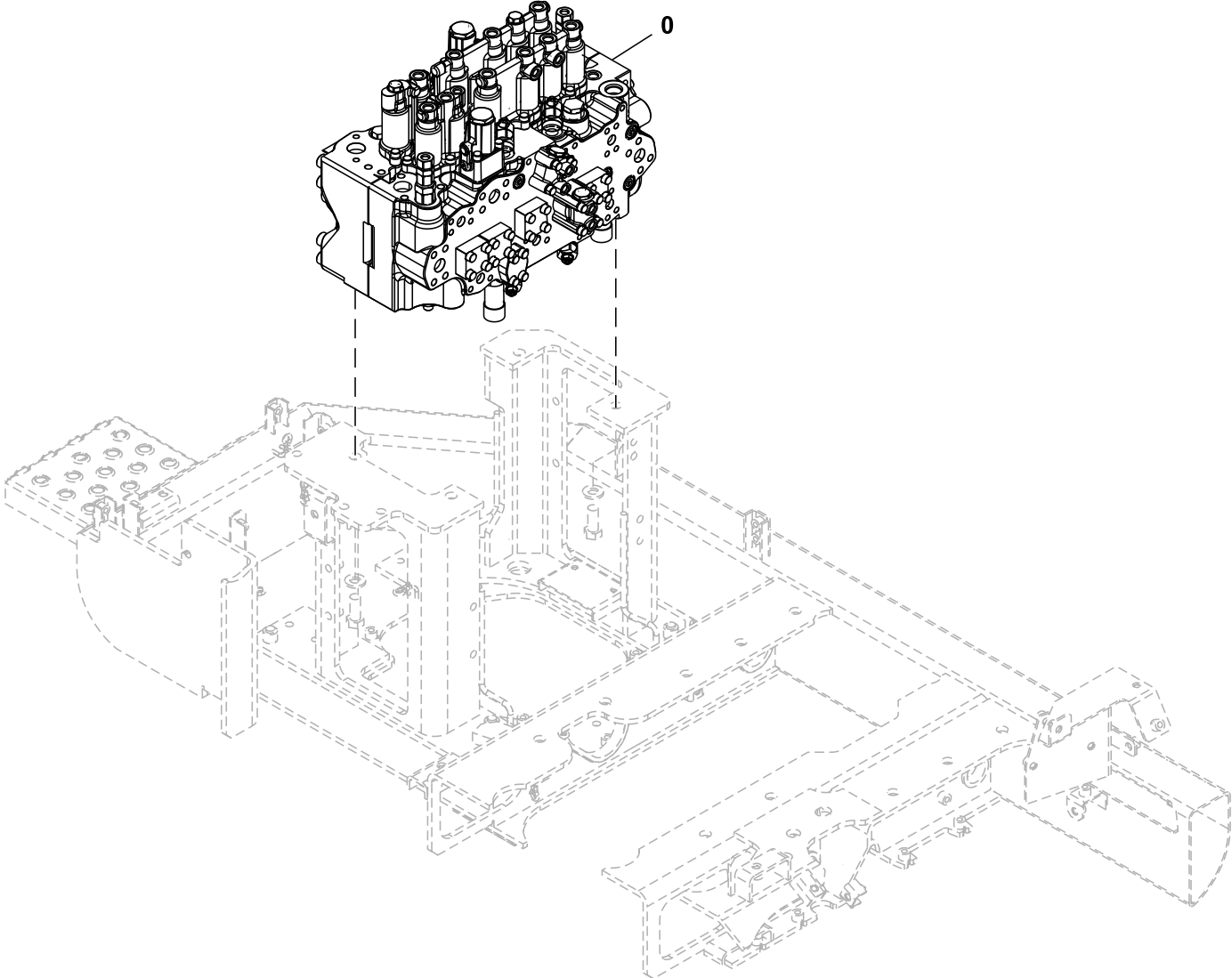
**21 Vehicle Main Hydraulic System**  
**2162 Hyd Selective Control & Load Holding Valves**

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<i>Key</i>	<i>Part No.</i>	<i>Part Name</i>	<i>Qty.</i>	<i>Serial No.</i>	<i>Remarks</i>
0	FYA40012376	Bracket	1		
1	FYA40037668	Bracket	1		SUB FOR FYA40012377
2	24M7338	Washer	4		17 X 30 X 3 mm, SUB FOR J222016
3	19M7409	Cap Screw	4		M16 X 50, SUB FOR J921650
4	J921845	Bolt	4		
5	AT154553	Washer	4		SUB FOR J222018

**Control Valve**

TX1209886 A.1



TX1209886

21 Vehicle Main Hydraulic System  
2162 Hyd Selective Control & Load Holding Valves

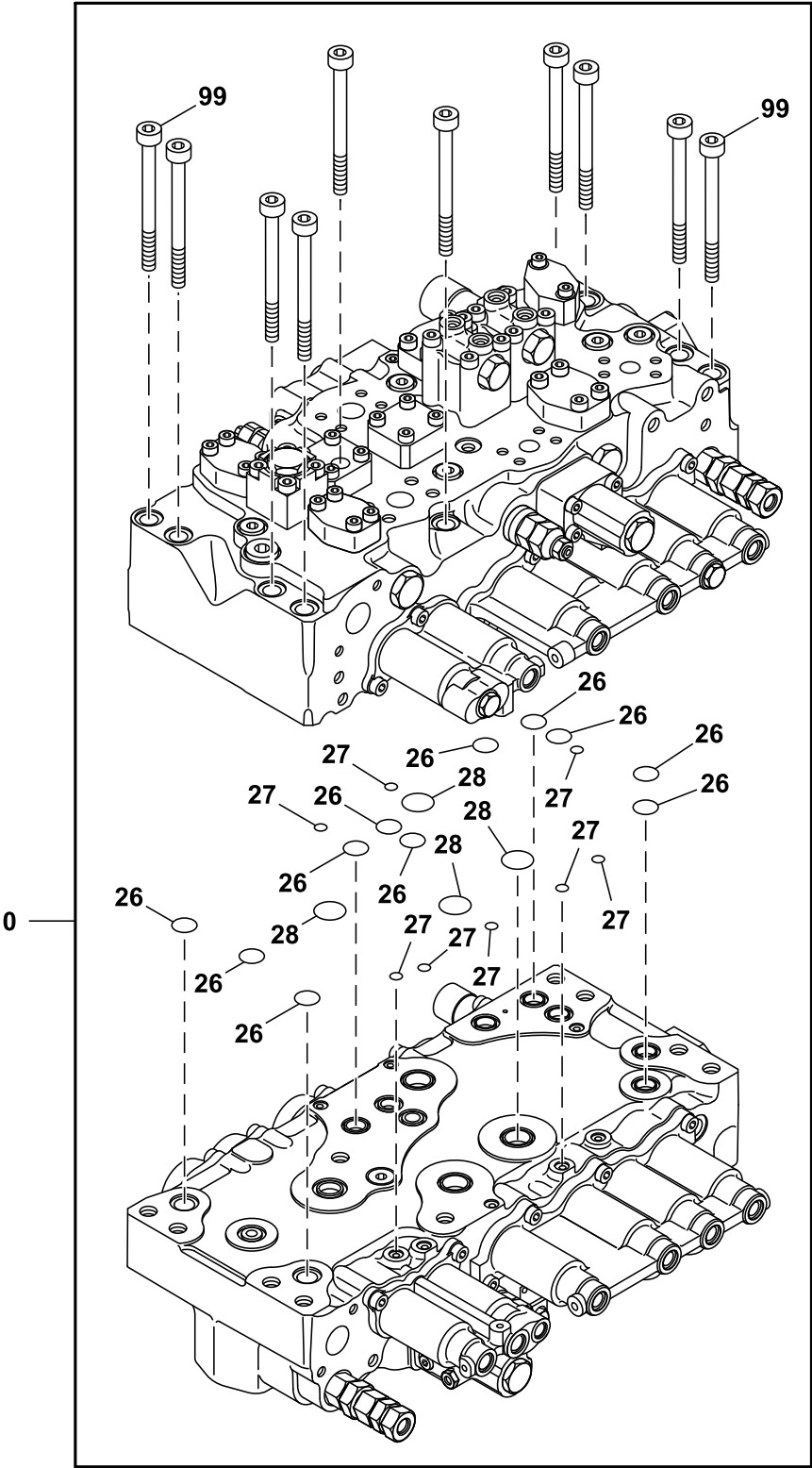
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<i>Key</i>	<i>Part No.</i>	<i>Part Name</i>	<i>Qty.</i>	<i>Serial No.</i>	<i>Remarks</i>
0	FYA00028034	Control Valve	1		Components On Separate Pages

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Control Valve Hardware and O-Rings

TX1212727 A.1



TX1212727

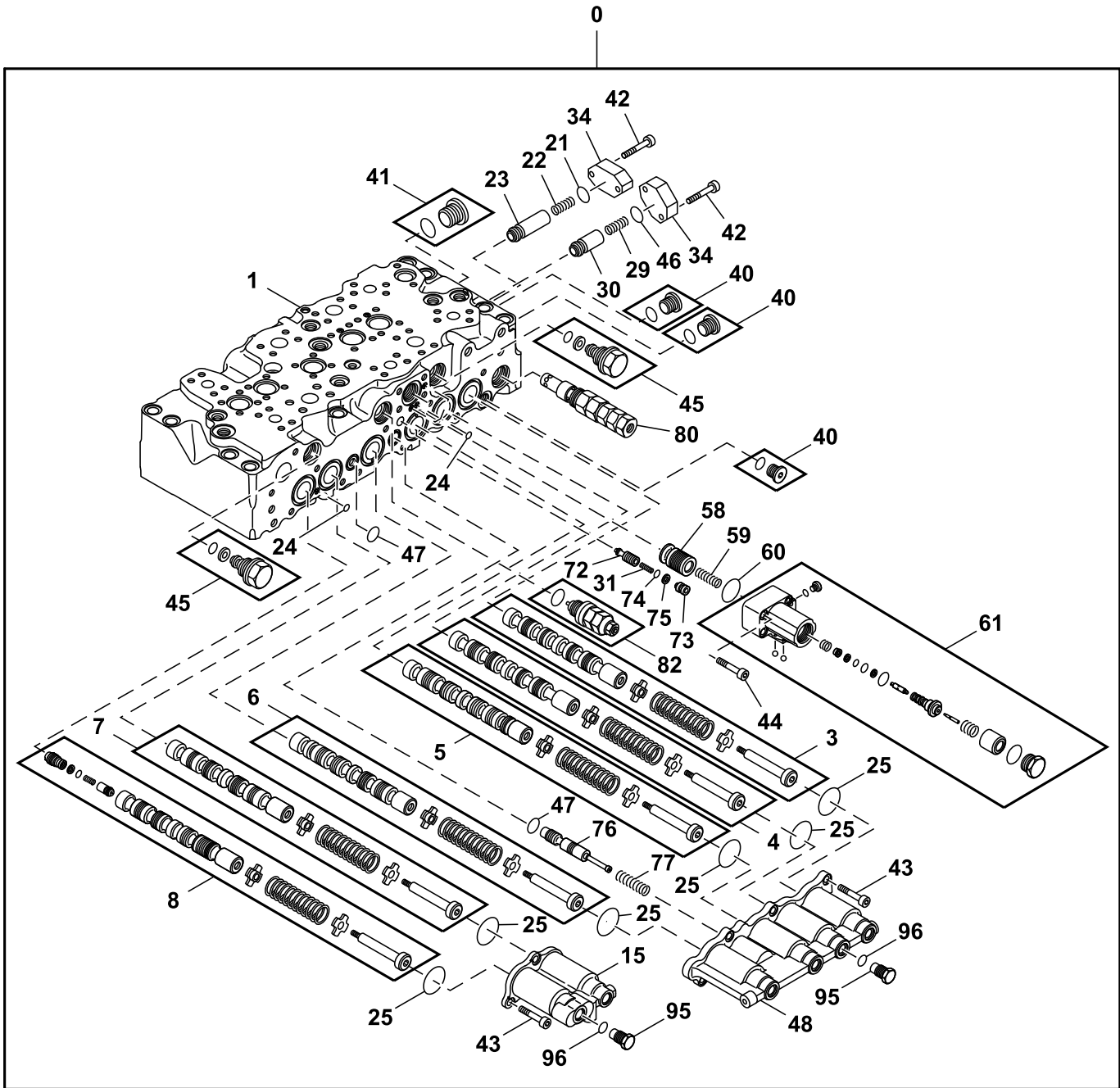
**21 Vehicle Main Hydraulic System**  
**2162 Hyd Selective Control & Load Holding Valves**

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<i>Key</i>	<i>Part No.</i>	<i>Part Name</i>	<i>Qty.</i>	<i>Serial No.</i>	<i>Remarks</i>
0	FYA00028034	Control Valve	1		Additional Components On Separate Pages
26	0976602	O-Ring	11		
27	FXB00008504	O-Ring	8		
28	0682503	O-Ring	4		SUB FOR 0976601
99	FXB00001915	Bolt	10		

Control Valve, Upper, Body and Spools

TX1212740 A.1



TX1212740

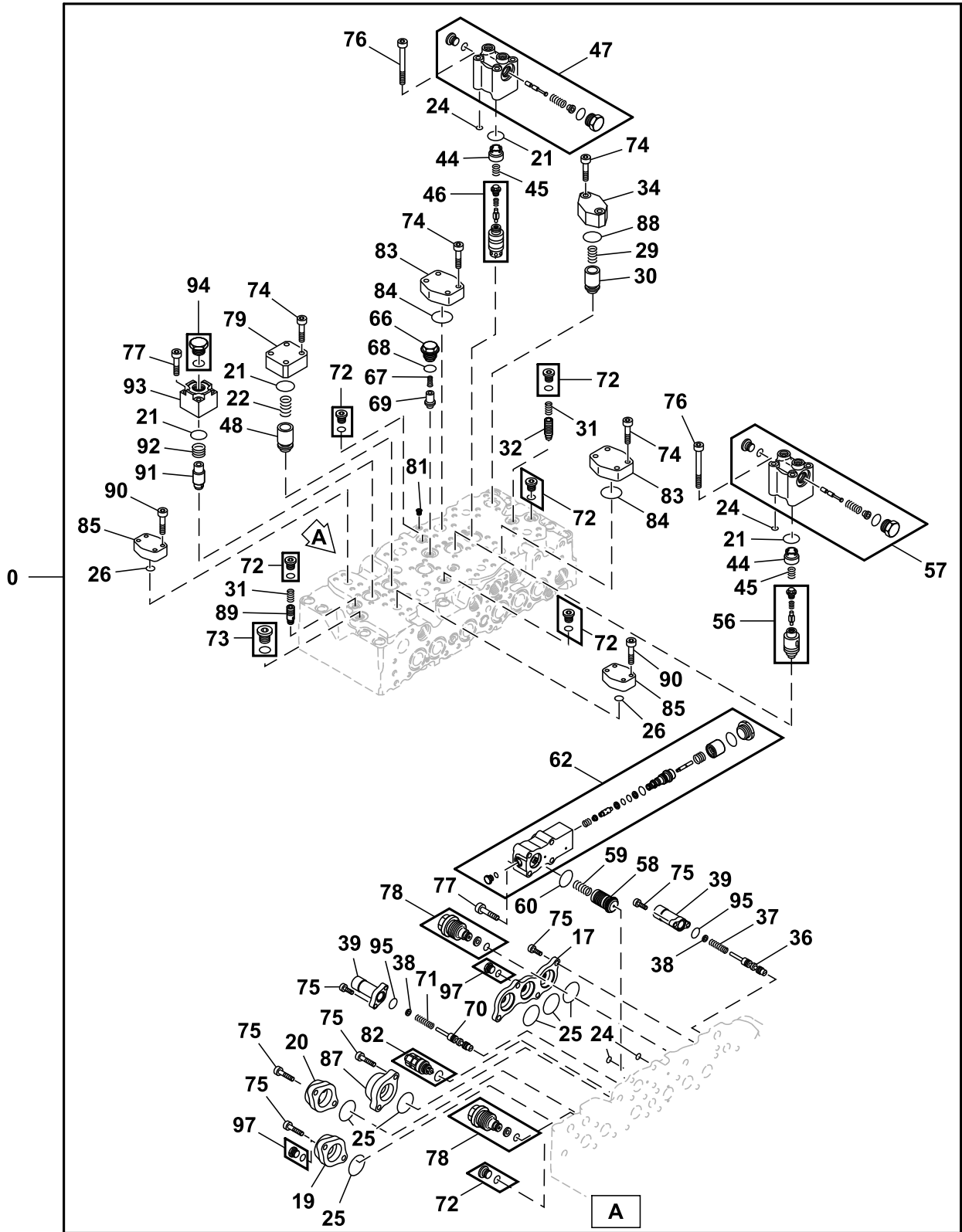
**21 Vehicle Main Hydraulic System**  
**2162 Hyd Selective Control & Load Holding Valves**

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	FYA00028034	Control Valve	1		Additional Components On Separate Pages
1	.....	Housing	1		NSEP
3	.....	Spool	1		NSEP
4	.....	Spool	1		NSEP
5	.....	Spool	1		NSEP
6	.....	Spool	1		NSEP
7	.....	Spool	1		NSEP
8	.....	Spool	1		NSEP
15	FXB00002186	Cap	1		
21	985098	O-Ring	1		
22	0791604	Spring	1		
23	0792006	Poppet	1		
24	4506406	O-Ring	4		
25	FXB00008503	O-Ring	6		
29	0668112	Spring	1		
30	0668111	Poppet	1		
31	0668007	Spring	1		
34	0791601	Flange	2		
40	0695007	Fitting Plug	3		INCLUDES CH11570
	CH11570	O-Ring	1		
41	0668108	Fitting Plug	1		INCLUDES 4506418
	4506418	O-Ring	1		
42	4720520	Bolt	4		
43	19M8337	Screw	9		M10 X 30, SUB FOR M341028
44	0977007	Bolt	4		
45	0667927	Fitting Plug	2		
46	CH17886	Packing	1		SUB FOR 4226446
47	0976602	O-Ring	2		SUB FOR 0792003
48	FXB00002208	Cap	1		
58	FXB00002192	Poppet	1		
59	0791620	Spring	1		
60	AT264348	O-Ring	1		SUB FOR 984614
61	FXB00002193	Housing	1		
72	0791804	Poppet	1		
73	0791805	Spacer	1		
74	FXB00008505	O-Ring	1		
75	0332924	Back-Up Ring	1		SUB FOR 4144044
76	.....	Spool	1		NSEP
77	0791914	Spring	1		
80	FYA00009161	Pressure Relief Valve	1		
82	4358914	Pressure Relief Valve	1		
95	0667931	Fitting Plug	2		
96	4509180	O-Ring	2		



Control Valve, Upper, End Caps

TX1212746 A.1



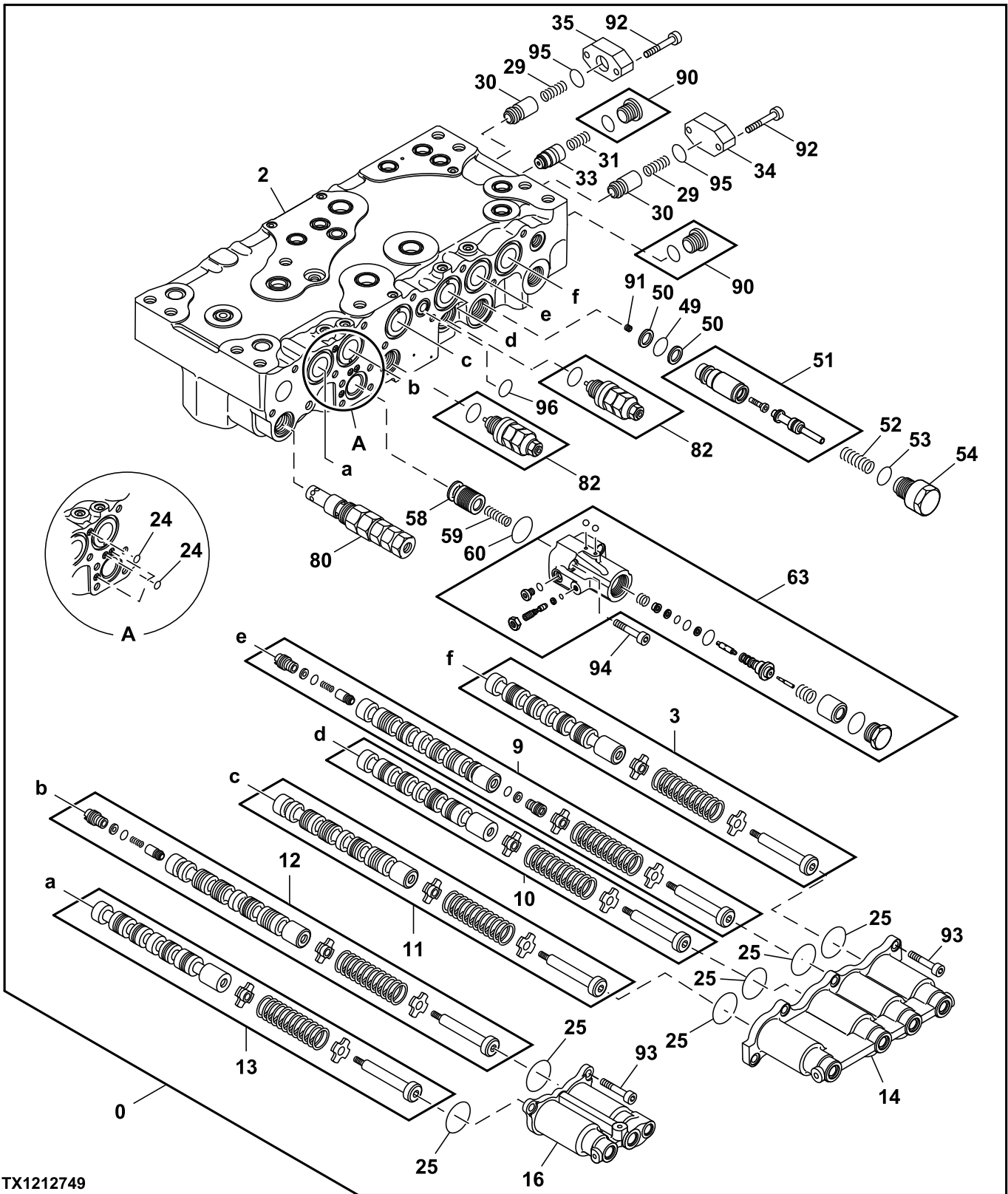
TX1212746

**21 Vehicle Main Hydraulic System  
2162 Hyd Selective Control & Load Holding Valves**

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	FYA00028034	Control Valve	1		Additional Components On Separate Pages
17	FXB00008501	Cap	1		
19	0791801	Cap	1		
20	FYA00025873	Cap	1		
21	985098	O-Ring	5		
22	0791604	Spring	2		
24	4506406	O-Ring	4		
25	FXB00008503	O-Ring	6		
26	0224422	O-Ring	2		
29	0668112	Spring	1		
30	0668111	Poppet	1		
31	0668007	Spring	2		
32	0791602	Poppet	1		
34	0791601	Flange	1		
36	.....	Spool	1		NSEP
37	1120801	Spring	1		
38	0791807	Washer	2		
39	FXB00002190	Cap	2		
44	0791607	Spacer	2		
45	0791606	Spring	2		
46	0977202	Poppet	1		
47	0977003	Housing	1		
48	0791603	Poppet	2		
56	FXB00002196	Poppet	1		
57	0977206	Housing	1		
58	FXB00002192	Poppet	1		
59	0791620	Spring	1		
60	AT264348	O-Ring	1		SUB FOR 984614
62	FXB00002194	Housing	1		
66	0714504	Fitting Plug	1		
67	0225209	Spring	1		
68	4506418	O-Ring	1		
69	0714503	Poppet	1		
70	.....	Spool	1		
71	0977204	Spring	1		
72	0695007	Fitting Plug	6		INCLUDES CH11570
	CH11570	O-Ring	1		
73	0668108	Fitting Plug	1		INCLUDES 4506418
	4506418	O-Ring	1		
74	4720520	Bolt	18		
75	19M8337	Screw	14		M10 X 30, SUB FOR M341028
76	M341075	Bolt	8		
77	0977007	Bolt	8		
78	0667927	Fitting Plug	2		
79	0791605	Flange	2		
81	0750010	Fitting Plug	1		
82	4358914	Pressure Relief Valve	1		
83	0667726	Cap	2		
84	966993	O-Ring	2		
85	0413712	Cap	2		
87	0791816	Cap	1		
88	CH17886	Packing	1		SUB FOR 4226446
89	FXB00002206	Poppet	1		
90	FXB00008507	Bolt	8		
91	1210401	Poppet	1		
92	1210405	Spring	1		
93	1210404	Flange	1		
94	0667719	Fitting Plug	1		
95	A811025	O-Ring	2		
97	0218607	Pipe Plug	2		INCLUDES 4297380
	4297380	O-Ring	2		

Control Valve, Lower, Body and Spools

TX1212749 A.1



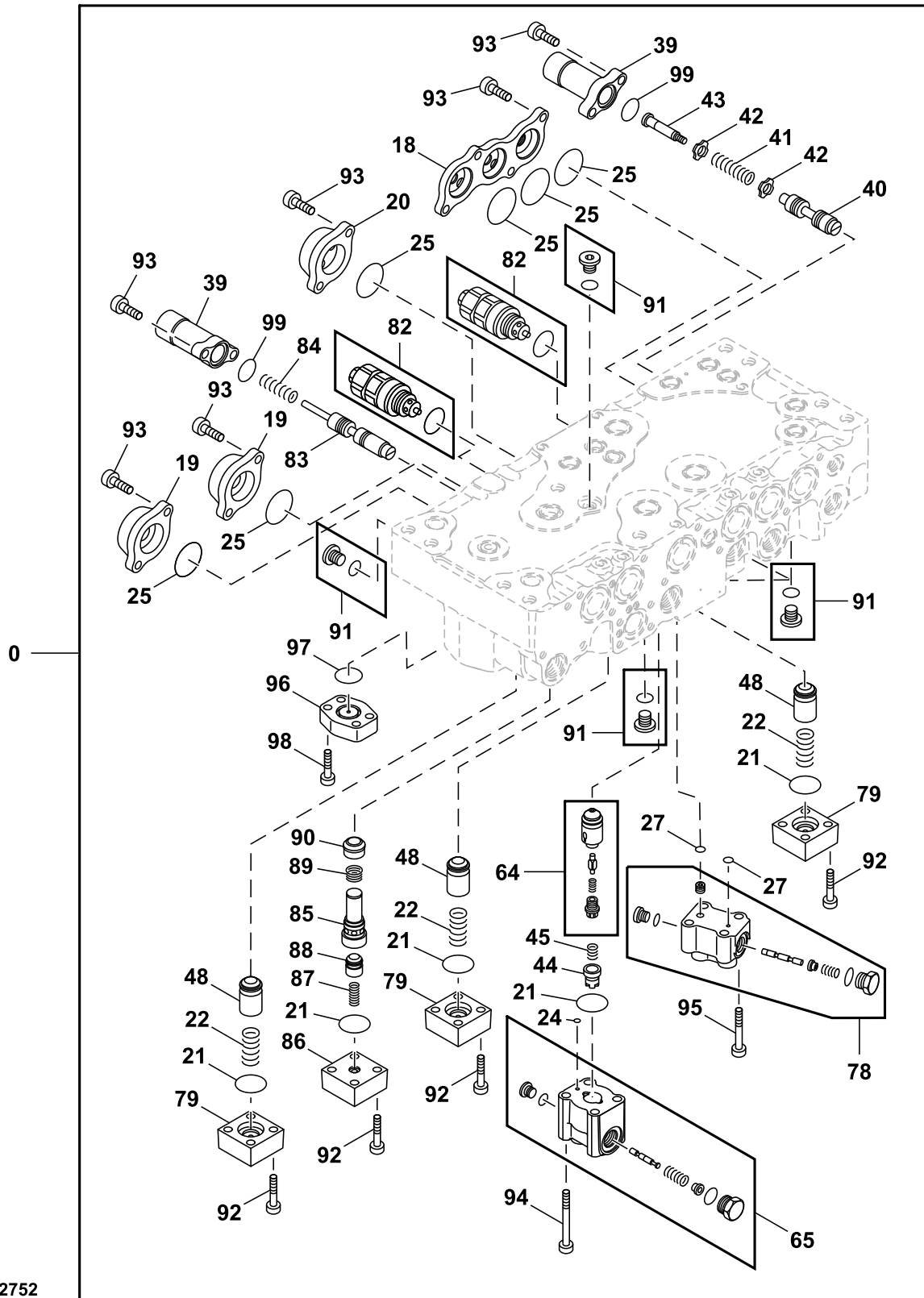
TX1212749

**21 Vehicle Main Hydraulic System**  
**2162 Hyd Selective Control & Load Holding Valves**

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	FYA00028034	Control Valve	1		Additional Components On Separate Pages
2	.....	Housing	1		NSEP
3	.....	Spool	1		NSEP
9	.....	Spool	1		NSEP
10	.....	Spool	1		NSEP
11	.....	Spool	1		NSEP
12	.....	Spool	1		NSEP
13	.....	Spool	1		NSEP
14	FXB00002185	Cap	1		
16	FXB00002187	Cap	1		
24	4506406	O-Ring	4		
25	FXB00008503	O-Ring	6		
29	0668112	Spring	2		
30	0668111	Poppet	2		
31	0668007	Spring	1		
33	0792005	Poppet	1		
34	0791601	Flange	1		
35	0792001	Flange	1		
49	4506416	O-Ring	1		
50	4085607	Back-Up Ring	2		
51	.....	Spool	1		NSEP
52	FXB00001901	Spring	1		
53	AT318035	O-Ring	1		SUB FOR 4506424
54	FXB00001902	Plug	1		
58	FXB00002192	Poppet	1		
59	0791620	Spring	1		
60	AT264348	O-Ring	1		SUB FOR 984614
63	FXB00002195	Housing	1		
80	FYA00009162	Pressure Relief Valve	1		
82	4358914	Pressure Relief Valve	2		
90	0695007	Fitting Plug	2		INCLUDES CH11570
	CH11570	O-Ring	1		
91	FXB00001914	Plug	1		
92	4720520	Bolt	4		
93	19M8337	Screw	9		M10 X 30, SUB FOR M341028
94	0977007	Bolt	4		
95	CH17886	Packing	2		SUB FOR 4226446
96	0976602	O-Ring	1		SUB FOR 0792003

Control Valve, Lower, End Caps

TX1212752 A.1



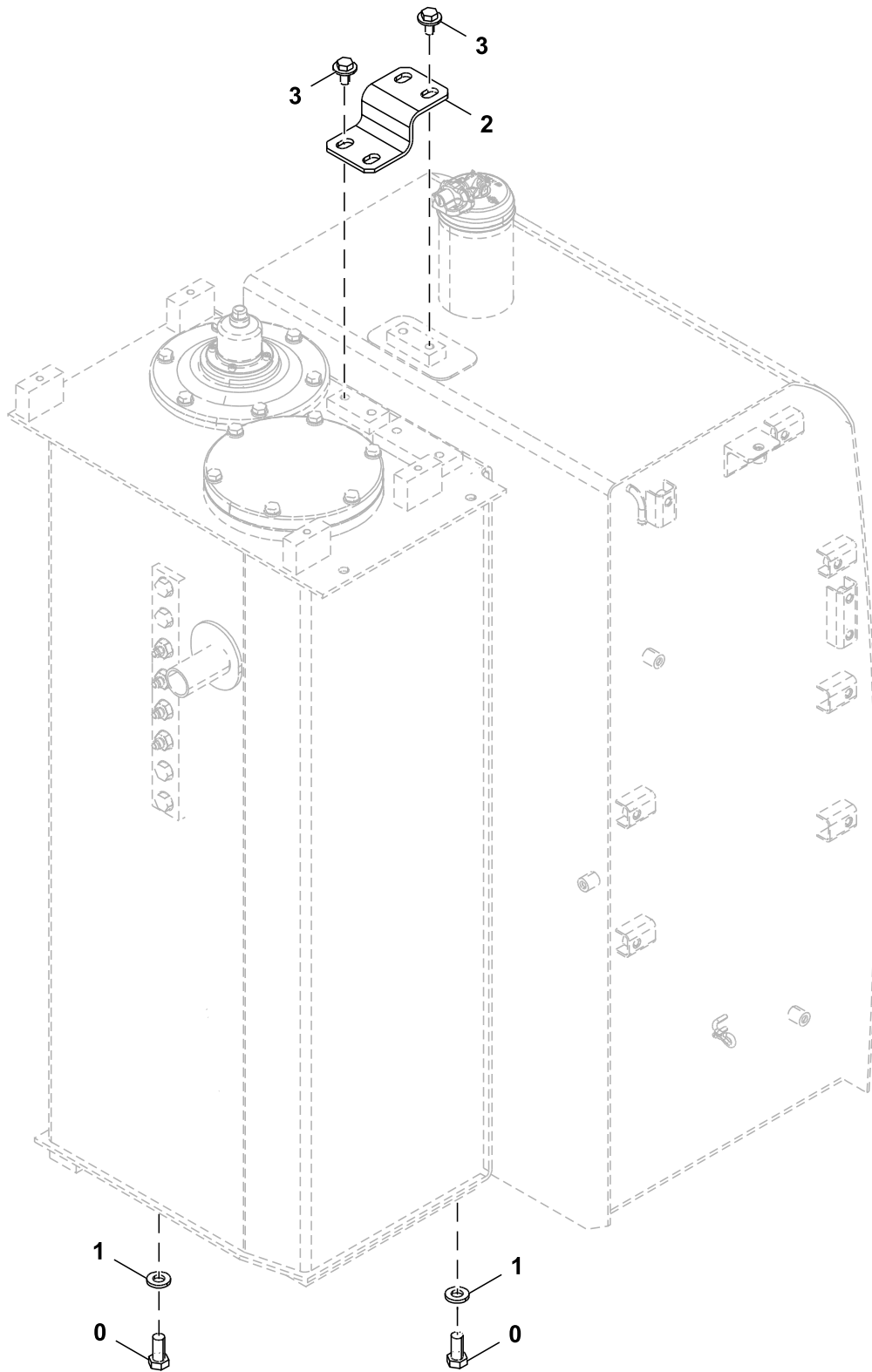
TX1212752

**21 Vehicle Main Hydraulic System  
2162 Hyd Selective Control & Load Holding Valves**

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	FYA00028034	Control Valve	1		Additional Components On Separate Pages
18	FXB00008502	Cap	1		
19	0791801	Cap	2		
20	FYA00025873	Cap	1		
21	985098	O-Ring	5		
22	0791604	Spring	3		
24	4506406	O-Ring	1		
25	FXB00008503	O-Ring	6		
27	FXB00008504	O-Ring	2		
39	FXB00002190	Cap	2		
40	.....	Spool	1		NLA
41	0791902	Spring	1		
42	0332904	Retainer	2		
43	0735807	Spool	1		
44	0791607	Spacer	1		
45	0791606	Spring	1		
48	0791603	Poppet	3		
64	FXB00003282	Poppet	1		
65	FXB00002197	Housing	1		FYA00047517 NLA
78	FXB00002199	Housing	1		
79	0791605	Flange	3		
82	4358914	Pressure Relief Valve	2		
83	.....	Spool	1		NLA
84	FXB00002202	Spring	1		
85	FXB00002203	Sleeve	1		
86	FXB00001911	Flange	1		
87	0125108	Spring	1		
88	FXB00002204	Poppet	1		
89	4237927	Spring	1		
90	FXB00002205	Poppet	1		
91	0695007	Fitting Plug	6		INCLUDES CH11570
	CH11570	O-Ring	1		
92	4720520	Bolt	16		
93	19M8337	Screw	14		M10 X 30, SUB FORM341028
94	M341075	Bolt	4		
95	0977007	Bolt	4		
96	0413712	Cap	1		
97	0224422	O-Ring	1		
98	FXB00008507	Bolt	4		
99	A811025	O-Ring	2		

Hydraulic Oil Reservoir Mounting

TX1211877 A.1



TX1211877

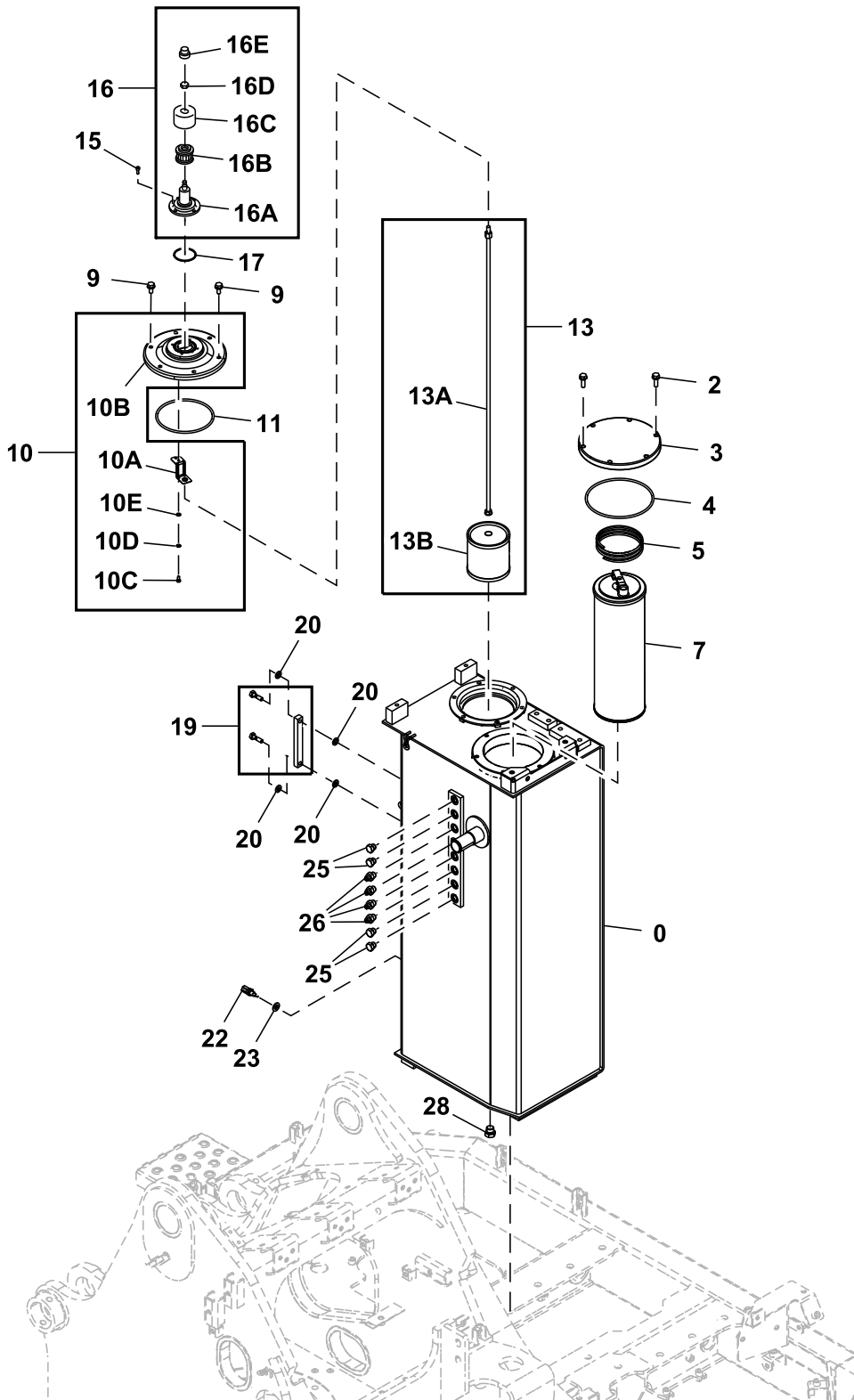
**21 Vehicle Main Hydraulic System**  
**2164 Hyd Reservoir, Filter & Cooler**

<i>Key</i>	<i>Part No.</i>	<i>Part Name</i>	<i>Qty.</i>	<i>Serial No.</i>	<i>Remarks</i>
0	J921635	Bolt	4		
1	24M7338	Washer	4		17 X 30 X 3 mm, SUB FOR J222016
2	FYA00019788	Plate	1		
3	.....	Screw With Washer	4		J281225 NLA
	19M7872	Cap Screw	4		M12 X 25, SUB FOR J901225
	4249324	Washer	4		



Hydraulic Oil Reservoir

TX1211650 A.1



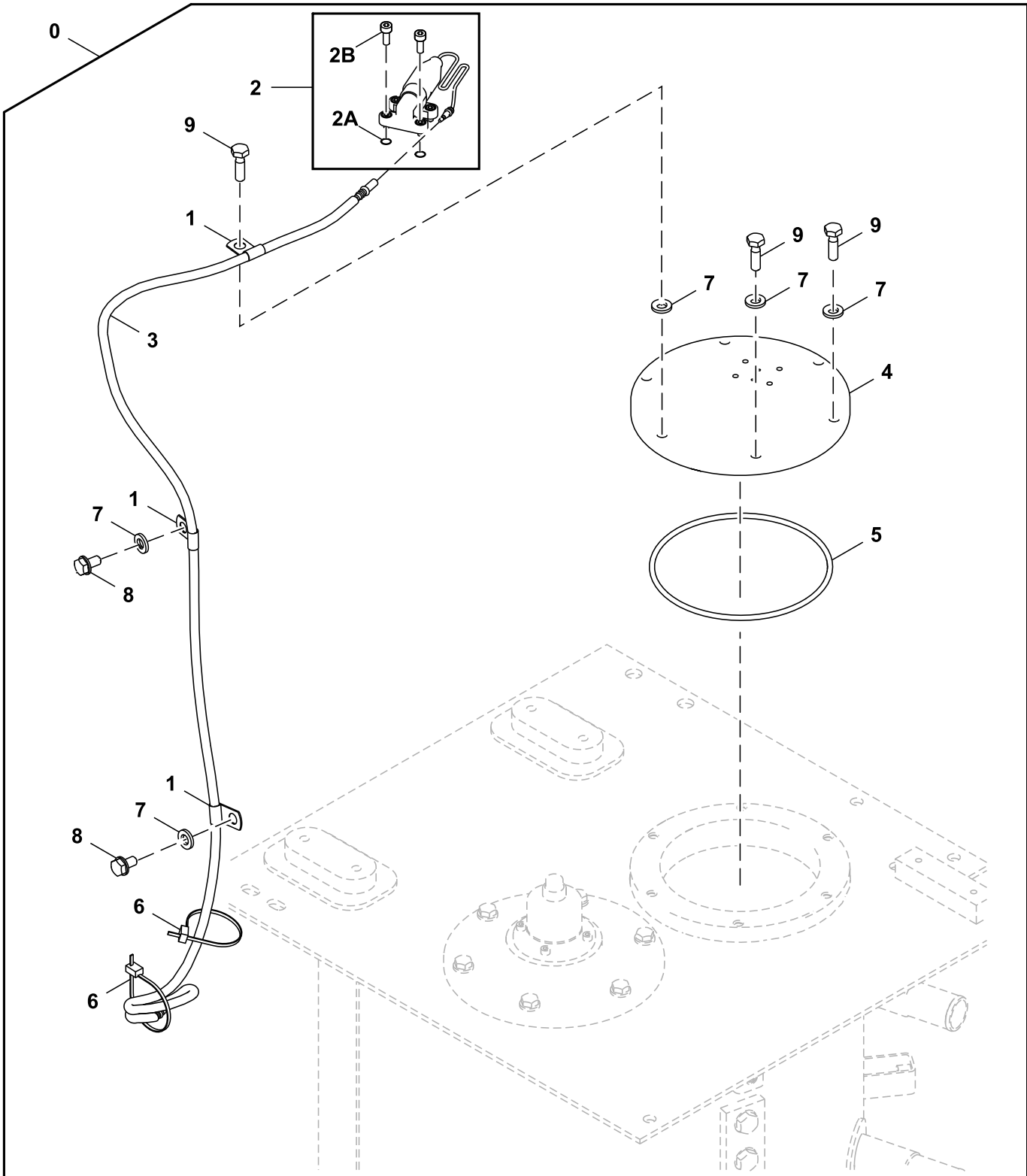
TX1211650

**21 Vehicle Main Hydraulic System  
2164 Hyd Reservoir, Filter & Cooler**

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	FYA40024084	Tank	1		Hydraulic Oil
2	.....	Screw With Washer	6		J271035 NLA
	19M7550	Cap Screw	6		M10 X 35, SUB FOR J901035
	24M7346	Washer	6		11 X 20 X 2 mm, SUB FOR J222010
3	4440802	Cover	1		SUB FOR 4639235
4	T110444	O-Ring	1		SUB FOR A810190
5	4472673	Spring	1		
7	.....	Filter Element	1		Hydraulic Oil, FYA00026486 NSEP
9	.....	Screw With Washer	6		J271025 NLA
	19M7402	Cap Screw	6		M10 X 25, SUB FOR J901025
	24M7346	Washer	6		11 X 20 X 2 mm, SUB FOR J222010
10	9184556	Cover	1		
10A	4408661	Bracket	1		
10B	.....	Cover	1		1025093 NSEP
10C	4350623	Bolt	1		
10D	4225466	Washer	1		
10E	4225472	Washer	1		
11	TH100679	O-Ring	1		SUB FOR A810160
13	.....	Filter	1		Oil Suction, Furnish Components, 4712836 NLA
13A	FYA00019836	Rod	1		
13B	4648651	Strainer	1		
15	19M7768	Screw	4		M6 X 16, SUB FOR J780616
16	4434017	Filter	1		Air Breather
16A	.....	Housing	1		4437833 NSEP
16B	4437838	Filter Element	1		Air Breather
16C	4437837	Cover	1		
16D	4371825	Nut	1		
16E	4437836	Cap	1		
17	A810060	Packing	1		
19	8121512	Level Gauge	1		
20	449558	Washer	4		
22	4697482	Sensor	1		Hydraulic Oil Temperature
23	4250261	Gasket	1		
25	A885003	Pipe Plug	4		INCLUDES 4297380
	4297380	O-Ring	1		SUB FOR 4622346 OR 4509180
26	A852133	Adapter Fitting	4		INCLUDES 4297380
	4297380	O-Ring	1		SUB FOR 4622346 OR 4509180
28	4174541	Fitting	1		INCLUDES 4506418, SUB FOR A885004
	4506418	O-Ring	1		
99	FYA00033065	Filter	1		Hydraulic Oil

Hydraulic Filter Restriction Indicator Kit

TX1173853 C.1



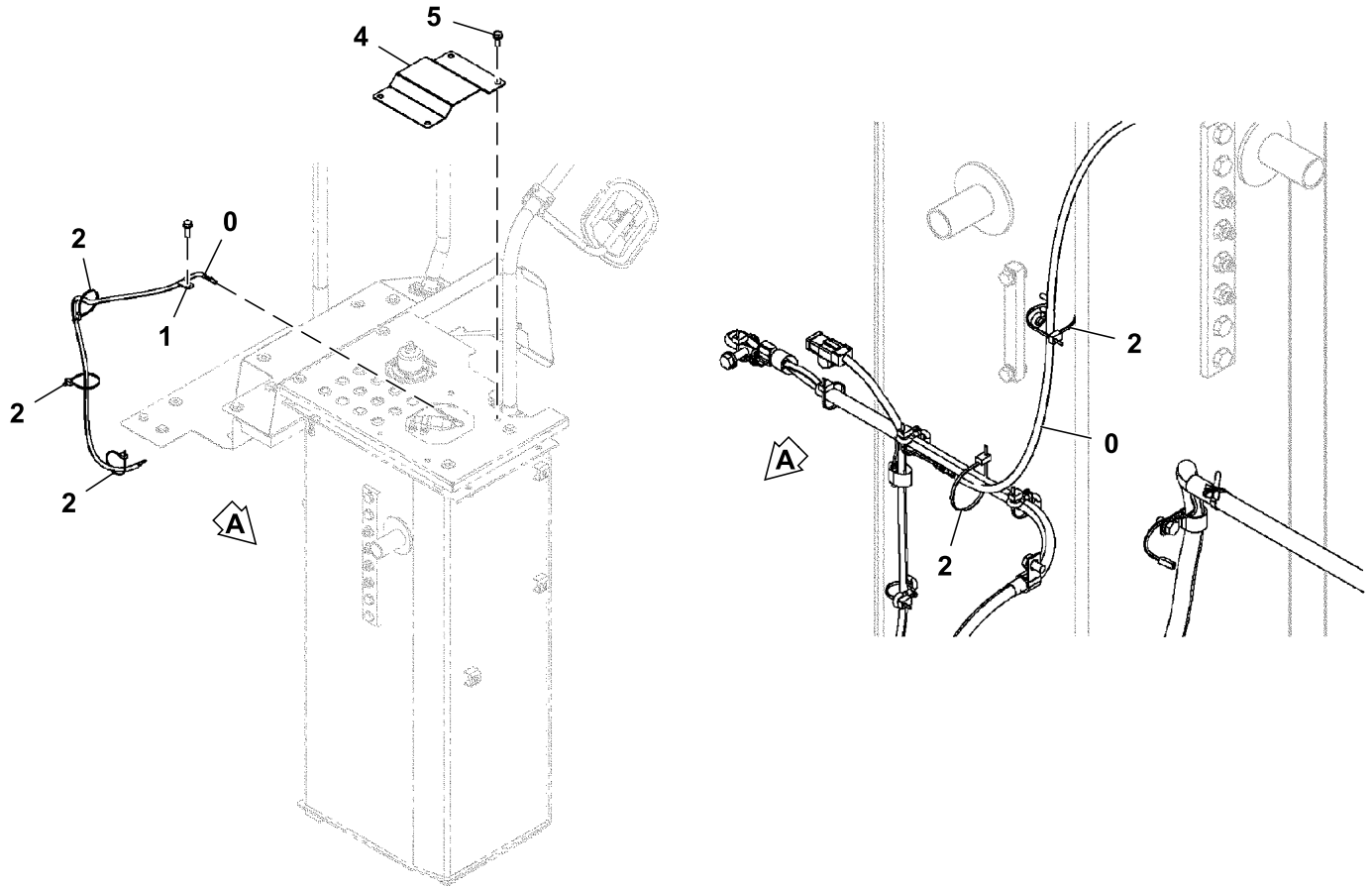
TX1173853

**21 Vehicle Main Hydraulic System  
2164 Hyd Reservoir, Filter & Cooler**

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
<b>0</b>	<b>AT445803</b>	<b>Field Installation Kit</b>	<b>1</b>		<b>Whole Goods, Hydraulic Filter Restriction Indicator</b>
1	4190275	Clamp	3		SUB FOR 4190261
2	4449478	Indicator	1		Hydraulic Filter Restriction Switch
2A	4506405	O-Ring	2		
2B	J780612	Bolt	4		
3	4464122	Wiring Harness	1		Hydraulic Filter Restriction Indicator
4	4643447G	Cover	1		SUB FOR 4643447
5	T110444	O-Ring	1		SUB FOR A810190
6	DH400240	Tie Band	2		
7	24M7346	Washer	8		11 X 20 X 2 mm, SUB FOR J222010
8	19M7938	Cap Screw	2		M10 X 20, SUB FOR J901020
9	19M7550	Cap Screw	6		M10 X 35, SUB FOR J901035

Hydraulic Oil Tank Cover And Wiring Harness With Hydraulic Filter Restriction Indicator

TX1237508 A.1



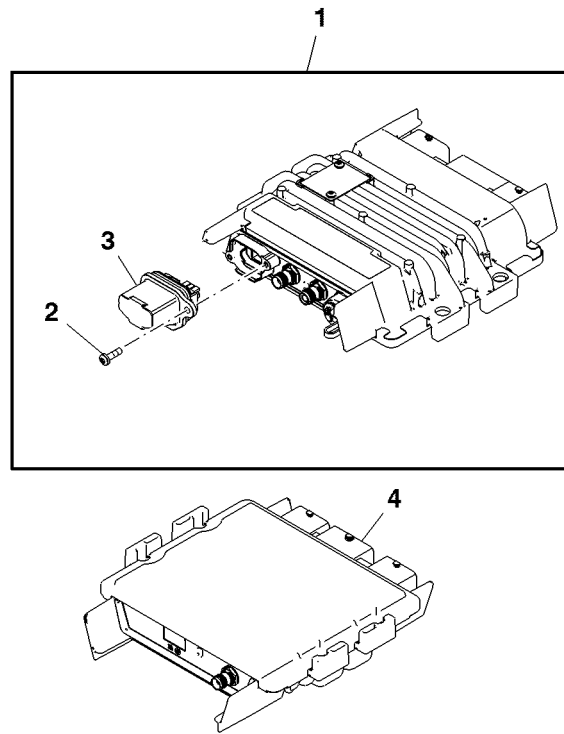
TX1237508

**21 Vehicle Main Hydraulic System**  
**2164 Hyd Reservoir, Filter & Cooler**

<i>Key</i>	<i>Part No.</i>	<i>Part Name</i>	<i>Qty.</i>	<i>Serial No.</i>	<i>Remarks</i>
0	4464122	Wiring Harness	1		Hydraulic Filter Restriction Indicator
1	4190261	Clip	1		
2	H77698	Tie Band	4		SUB FOR 4055312
4	FYA00019767	Cover	1		
5	.....	Screw With Washer	4		J271030 NLA
	19M7662	Cap Screw	4		M10 X 30, SUB FOR J901030
	24M7346	Washer	4		11 X 20 X 2 mm, SUB FOR J222010

ZXLink™ Modular Telematics Gateway (MTG) and Satellite (SAT) Module Controller

PUPC100377 A.1



PUPC100377

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
1	PF81438	Electronic Control Unit	1	(A)	
	PFA10255	Electronic Control Unit	1	(B)	
	PFA10319	Electronic Control Unit	1	(C)	
2	PFA10481	Electronic Control Unit	1	(C)	
	PF13564	Screw	2		
3	PF81429	Plug Kit	1	(D)	USE WITH PF81438, PFA10319
	PFA10274	Plug	1	(E)	USE WITH PFA10255
4	PFA10480	Plug	1	(C)	USE WITH PFA10481, PFA10255
	PF81399	Electronic Control Unit	1	(F)	

- (A) 2G Technology
- (B) For China 2G
- (C) Non-Deere SIM Use (3G Technology)
- (D) Gray SIM Card Holder

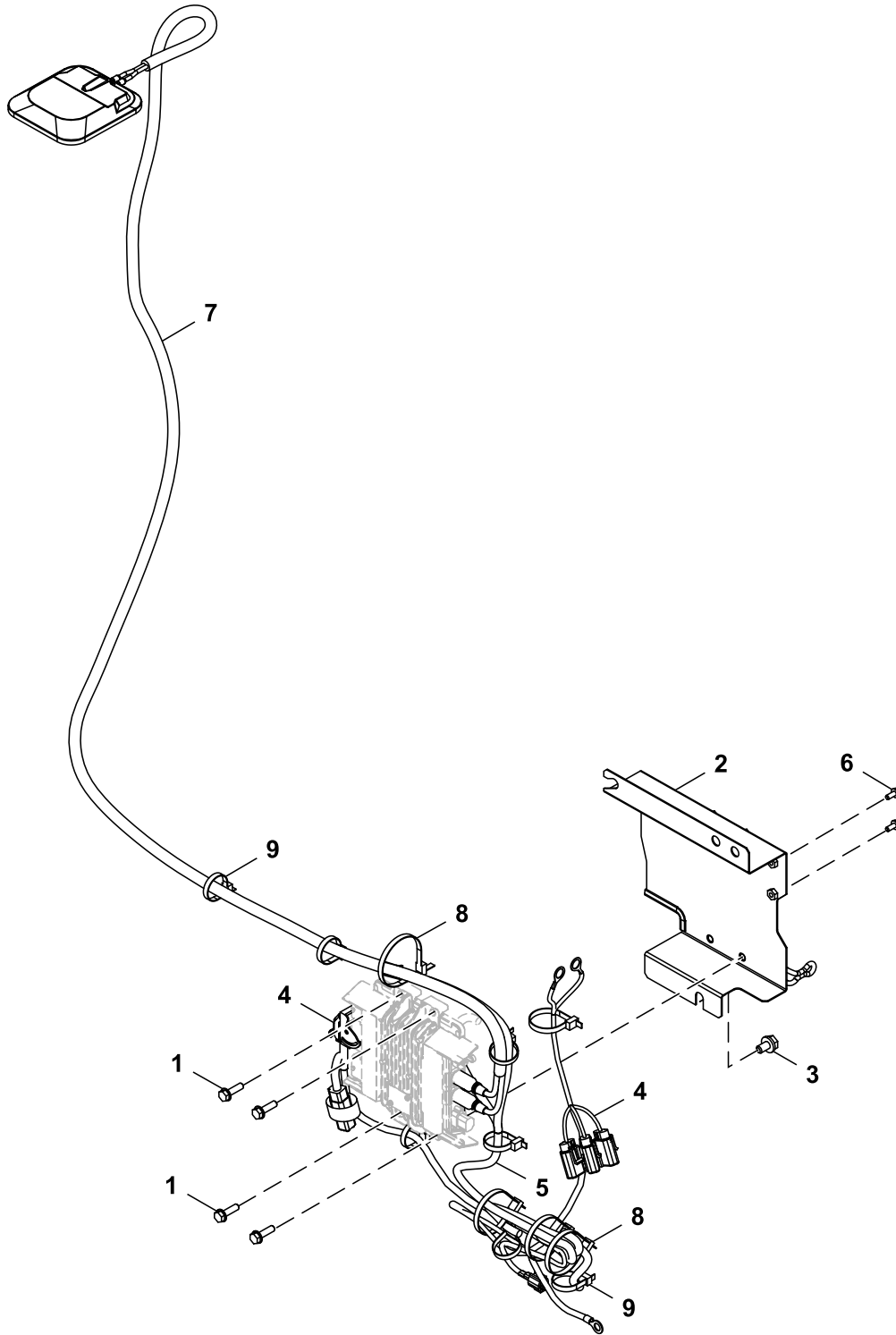
- (E) Non-Deere Owned SIM
- (F) Satellite Module





ZXLink™ Modular Telematics Gateway Assembly

TX1118178 B.1

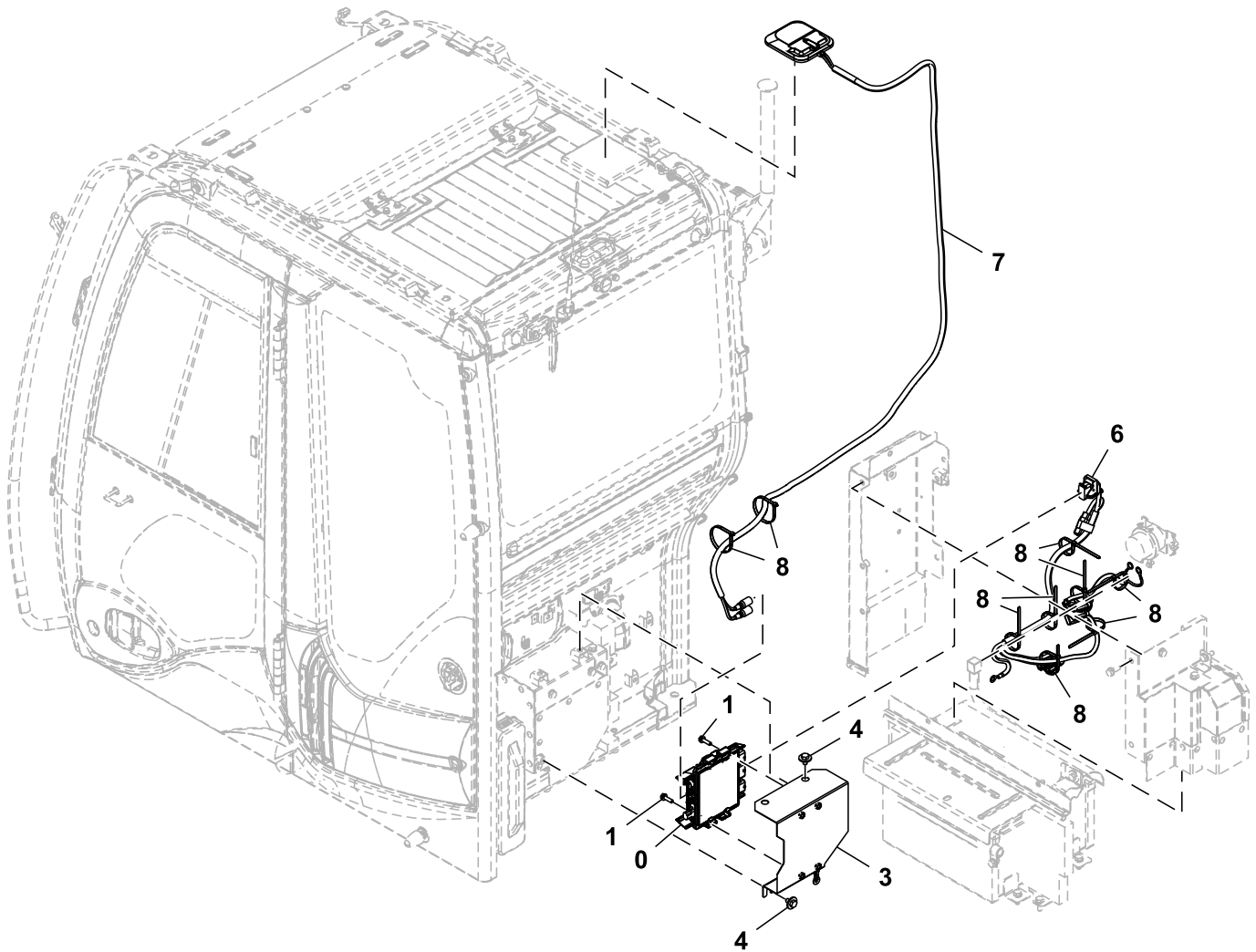


YA60015752\_TX1118178

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
1	..... 19M7288 24M7055	Screw With Washer Cap Screw Washer	4 4 4		J260830 NLA M8 X 30, SUB FOR J900830 8.400 X 16 X 1.600 mm, SUB FOR A590108
2	FYA40013754 4651835	Bracket Isolator	1 1		ALSO ORDER 4651835, SUB FOR FYA60017543
3	..... 19M7938 24M7346	Screw With Washer Cap Screw Washer	1 1 1		J271020 NLA M10 X 20, SUB FOR J901020 11 X 20 X 2 mm, SUB FOR J222010
4	AT448479	Wiring Harness	1		Does Not Include Antenna, Order Separately, ZXLink™ Harness
5	FYA00021746	Wiring Harness	1		ZXLink™ Ultimate (MTG)
6	..... 19M7560 24M7054	Screw With Washer Cap Screw Washer	2 2 2		J260616 NLA M6 X 16, SUB FOR J900616 6.400 X 12 X 1.600 mm, SUB FOR A590106
7	FF108515	Antenna	1		8.5 ft
8	H77698	Tie Band	2		SUB FOR 4055312
9	H77698	Tie Band	10		SUB FOR 4055312

Global Positioning System (GPS) Support

TX1209941 A.1

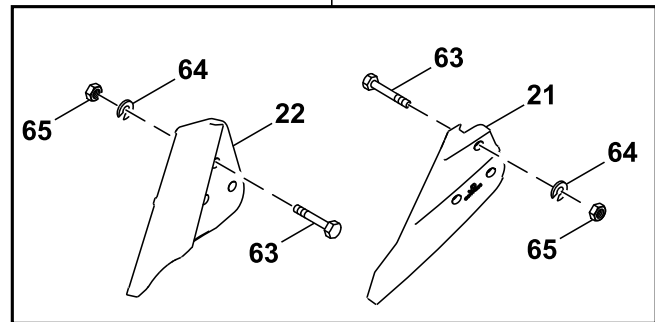
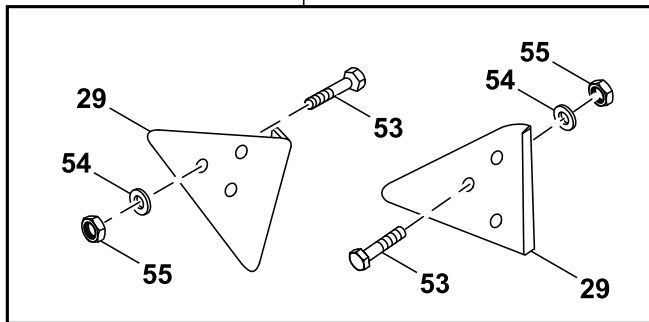
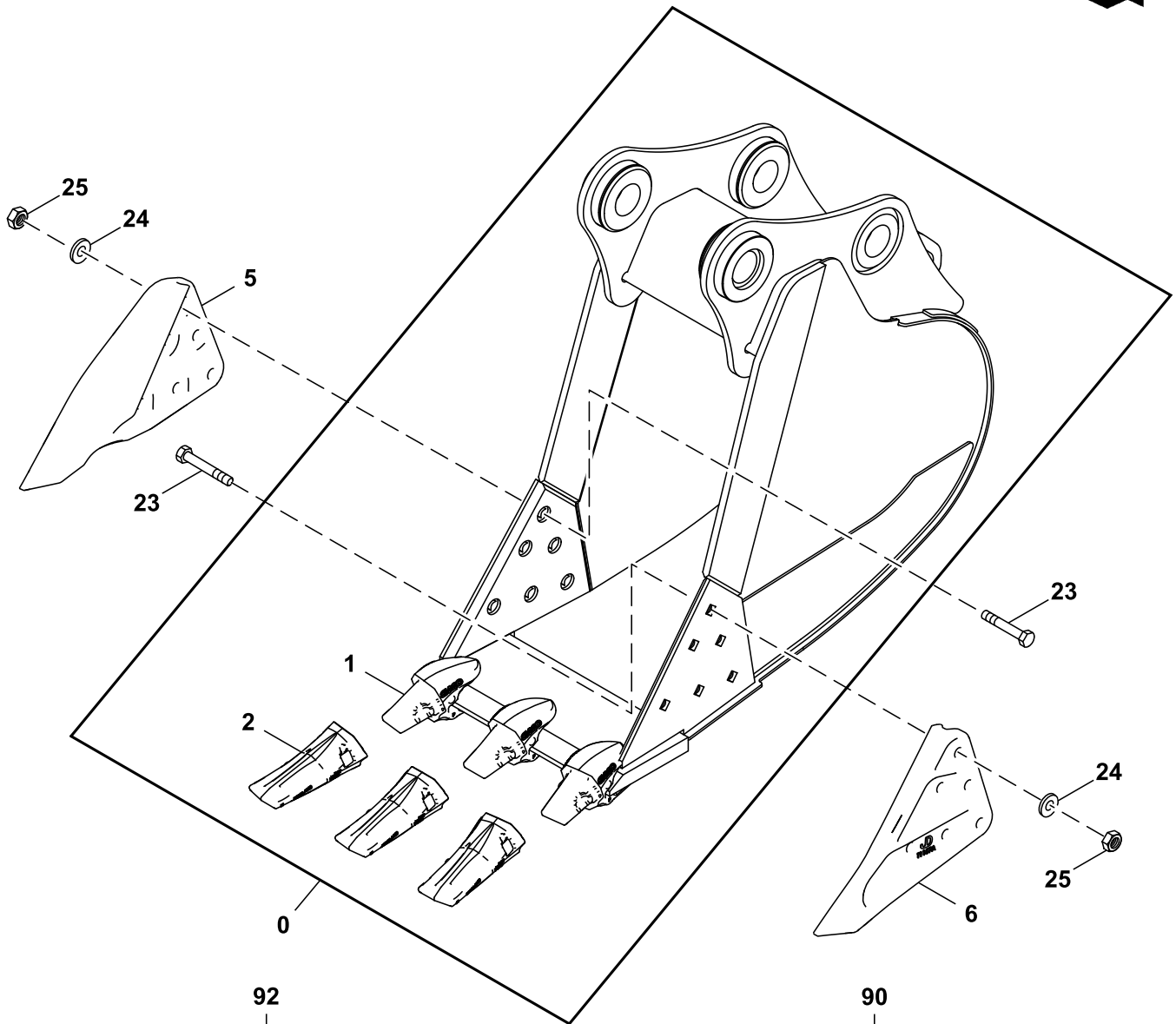


TX1209941

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	PFA10898	Electronic Control Unit	1		ECU
1	.....	Screw With Washer	4		J260830
	19M7288	Cap Screw	4		M8 X 30, SUB FOR J900830
	24M7055	Washer	4		8.400 X 16 X 1.600 mm, SUB FOR A590108
3	FYA40009204	Bracket	1		
4	.....	Screw With Washer	3		J281020
	19M7938	Cap Screw	3		M10 X 20, SUB FOR J901020
	4486055	Washer	3		
6	FYA00021966	Wiring Harness	1		GPS
7	FF108515	Antenna	1		SUB FOR FYA00000594
8	H77698	Tie Band	9		SUB FOR 4055312

Heavy-Duty Bucket, 60.96 cm (24 in), 0.39 m<sup>3</sup> (0.51 yd<sup>3</sup>)

TX1180030 C.1



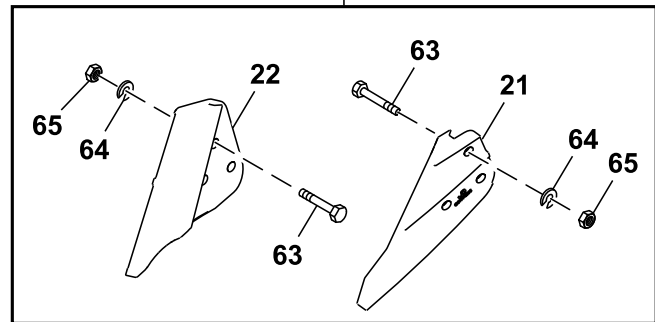
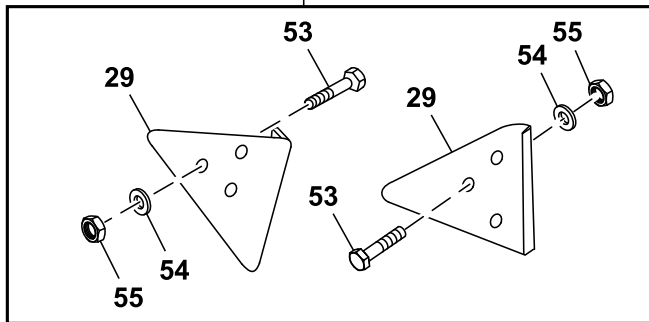
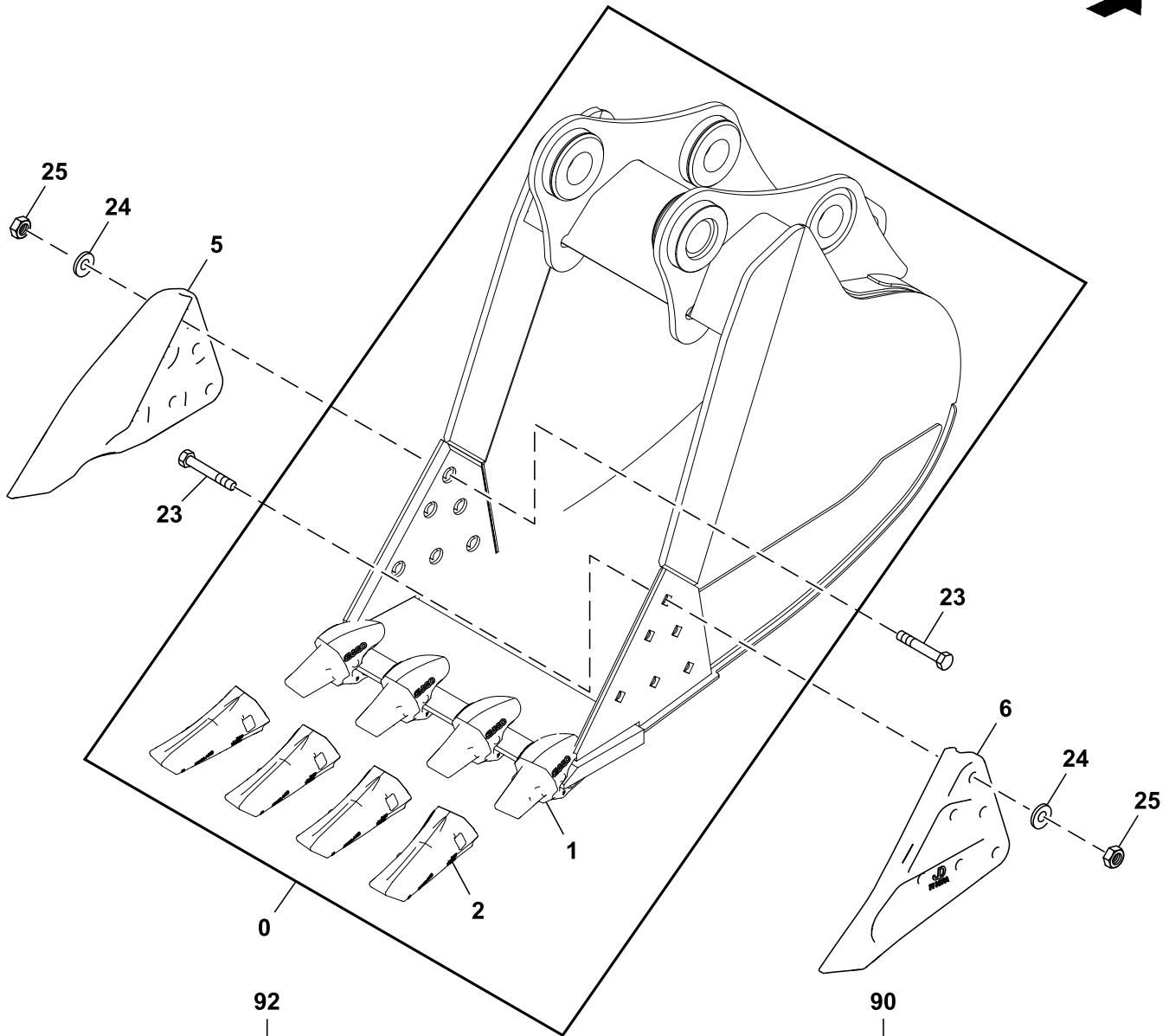
TX1180030

91 — 5,6,23,24,25

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	.....	<b>Excavator Bucket</b>	1		<b>Whole Goods, AT451620 NLA</b>
1	E5855U35	Bucket Tooth Adapter	3		
2	EU35S	Tooth	3		
5	T1156A	End Bit	1		
6	T1157A	End Bit	1		
21	CE17748L3	End Bit	1		
22	CE17748R3	End Bit	1		
23	09H1772	Bolt	12		7/8" X 3-1/2"
24	12H245	Lock Washer	12		7/8"
25	14H1077	Nut	12		7/8"
29	TPDE31329	Shroud	2		
53	09H1772	Bolt	6		7/8" X 3-1/2"
54	12H245	Lock Washer	6		7/8"
55	14H1077	Nut	6		7/8"
63	09H1772	Bolt	6		7/8" X 3-1/2"
64	12H245	Lock Washer	6		7/8"
65	14H1077	Nut	6		7/8"
90	AT342512	End Bit	1		7.62 cm (3 in.), Side Cutter, Whole Goods
91	AT342513	End Bit	1		15.24 cm (6 in.), Side Cutter, Whole Goods
92	AT342511	End Bit	1		Edge Protector, Whole Goods

Heavy-Duty Bucket, 76.2 cm (30 in), 0.54 m<sup>3</sup> (0.71 yd<sup>3</sup>)

TX1191209 B.1



TX1191209

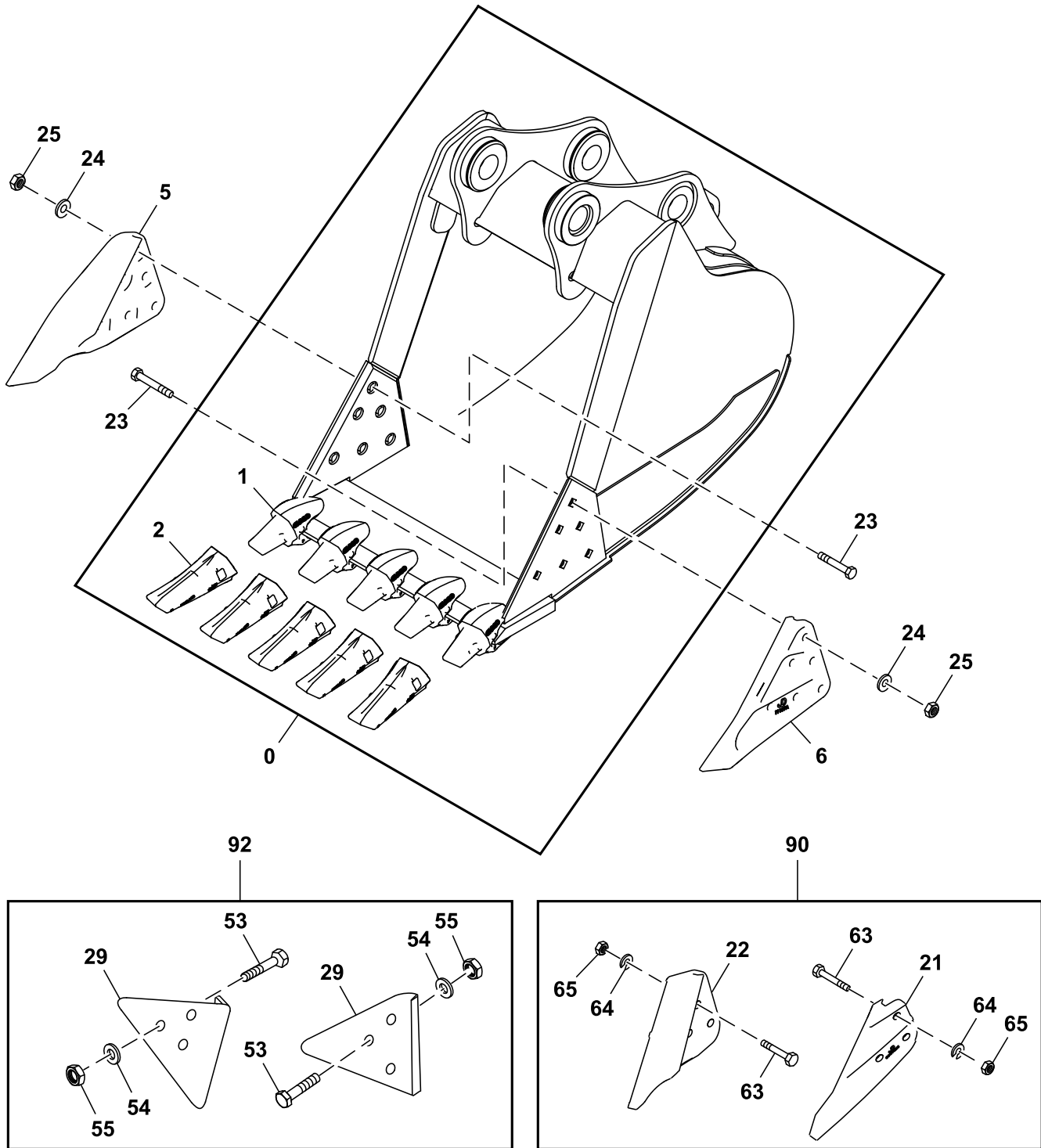
91 — 5,6,23,24,25

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	.....	<b>Excavator Bucket</b>	1		<b>Whole Goods, AT451621 NLA</b>
1	E5855U35	Bucket Tooth Adapter	4		
2	EU35S	Tooth	4		
5	T1156A	End Bit	1		
6	T1157A	End Bit	1		
21	CE17748L3	End Bit	1		
22	CE17748R3	End Bit	1		
23	09H1772	Bolt	12		7/8" X 3-1/2"
24	12H245	Lock Washer	12		7/8"
25	14H1077	Nut	12		7/8"
29	TPDE31329	Shroud	2		
53	09H1772	Bolt	6		7/8" X 3-1/2"
54	12H245	Lock Washer	6		7/8"
55	14H1077	Nut	6		7/8"
63	09H1772	Bolt	6		7/8" X 3-1/2"
64	12H245	Lock Washer	6		7/8"
65	14H1077	Nut	6		7/8"
90	AT342512	End Bit	1		<b>7.62 cm (3 in.), Side Cutter, Whole Goods</b>
91	AT342513	End Bit	1		<b>15.24 cm (6 in.), Side Cutter, Whole Goods</b>
92	AT342511	End Bit	1		<b>Edge Protector, Whole Goods</b>



Heavy-Duty Bucket, 91.44 cm (36 in), 0.69 m<sup>3</sup> (0.91 yd<sup>3</sup>)

TX1191210 B.1



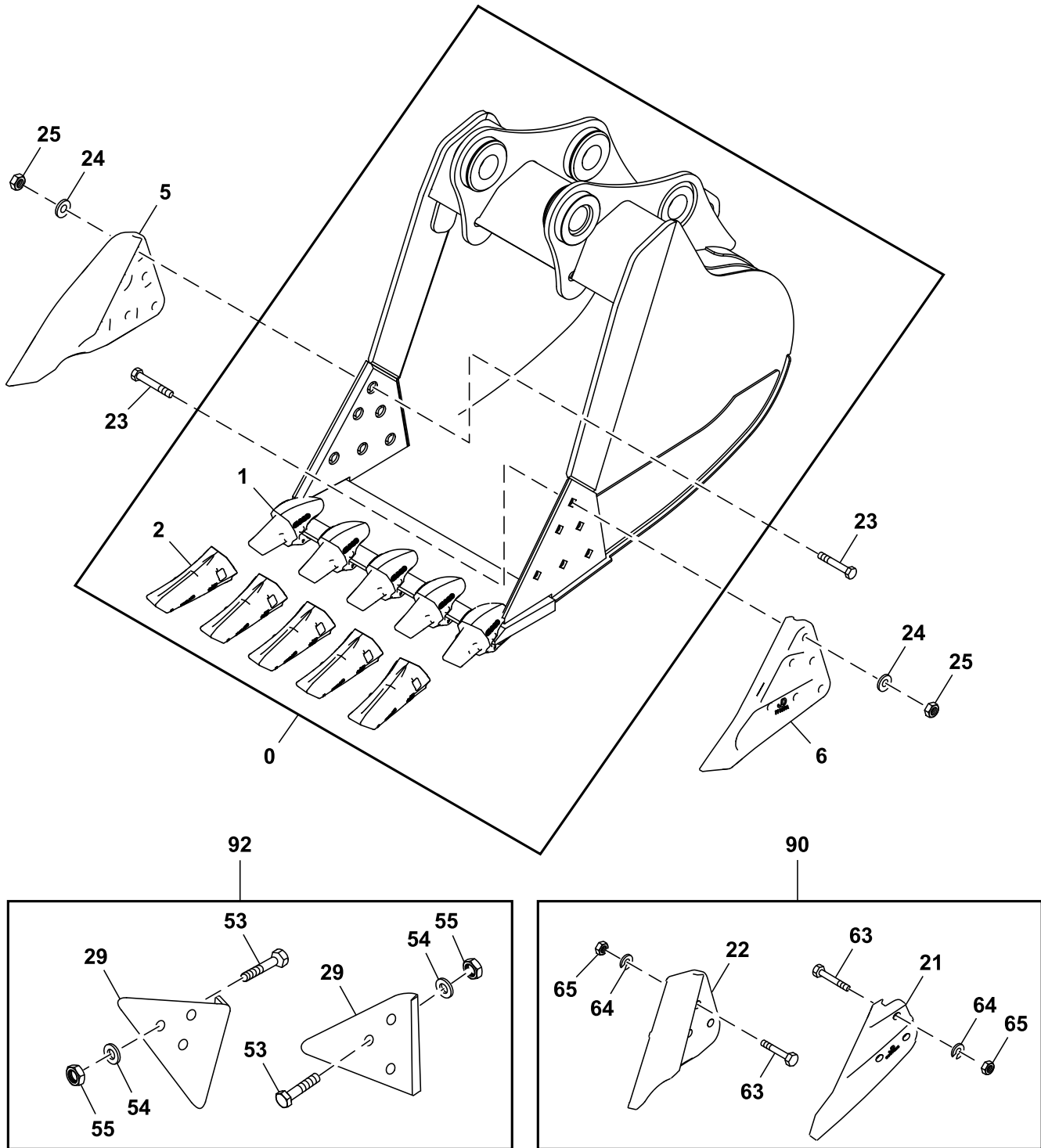
TX1191210

91 — 5,6,23,24,25

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
<b>0</b>	.....	<b>Excavator Bucket</b>	<b>1</b>		<b>Whole Goods, AT451622 NLA</b>
1	E5855U35	Bucket Tooth Adapter	5		
2	EU35S	Tooth	5		
5	T1156A	End Bit	1		
6	T1157A	End Bit	1		
21	CE17748R3	End Bit	1		
22	CE17748L3	End Bit	1		
23	09H1772	Bolt	12		7/8" X 3-1/2"
24	12H245	Lock Washer	12		7/8"
25	14H1077	Nut	12		7/8"
29	TPDE31329	Shroud	2		
53	09H1772	Bolt	6		7/8" X 3-1/2"
54	12H245	Lock Washer	6		7/8"
55	14H1077	Nut	6		7/8"
63	09H1772	Bolt	6		7/8" X 3-1/2"
64	12H245	Lock Washer	6		7/8"
65	14H1077	Nut	6		7/8"
<b>90</b>	<b>AT342512</b>	<b>End Bit</b>	<b>1</b>		<b>7.62 cm (3 in.), Side Cutter, Whole Goods</b>
<b>91</b>	<b>AT342513</b>	<b>End Bit</b>	<b>1</b>		<b>15.24 cm (6 in.), Side Cutter, Whole Goods</b>
<b>92</b>	<b>AT342511</b>	<b>End Bit</b>	<b>1</b>		<b>Edge Protector, Whole Goods</b>

Heavy-Duty Bucket, 1.06 m (42 in), 0.85 m<sup>3</sup> (1.11 yd<sup>3</sup>)

TX1191210 B.1



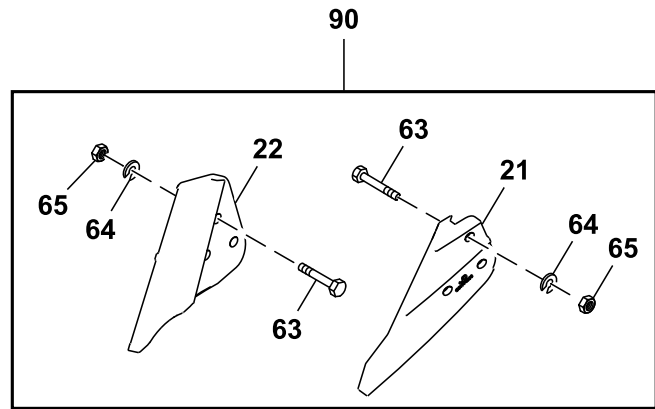
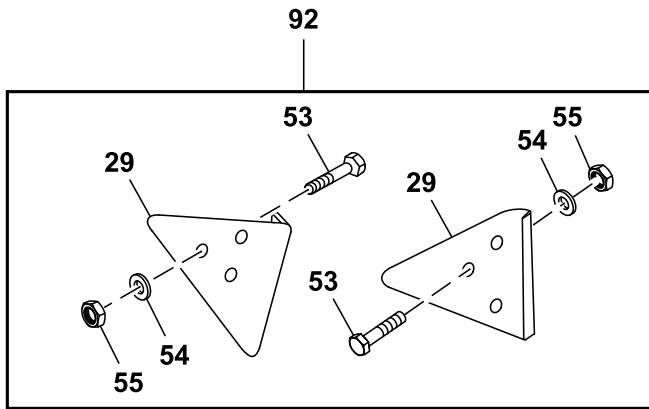
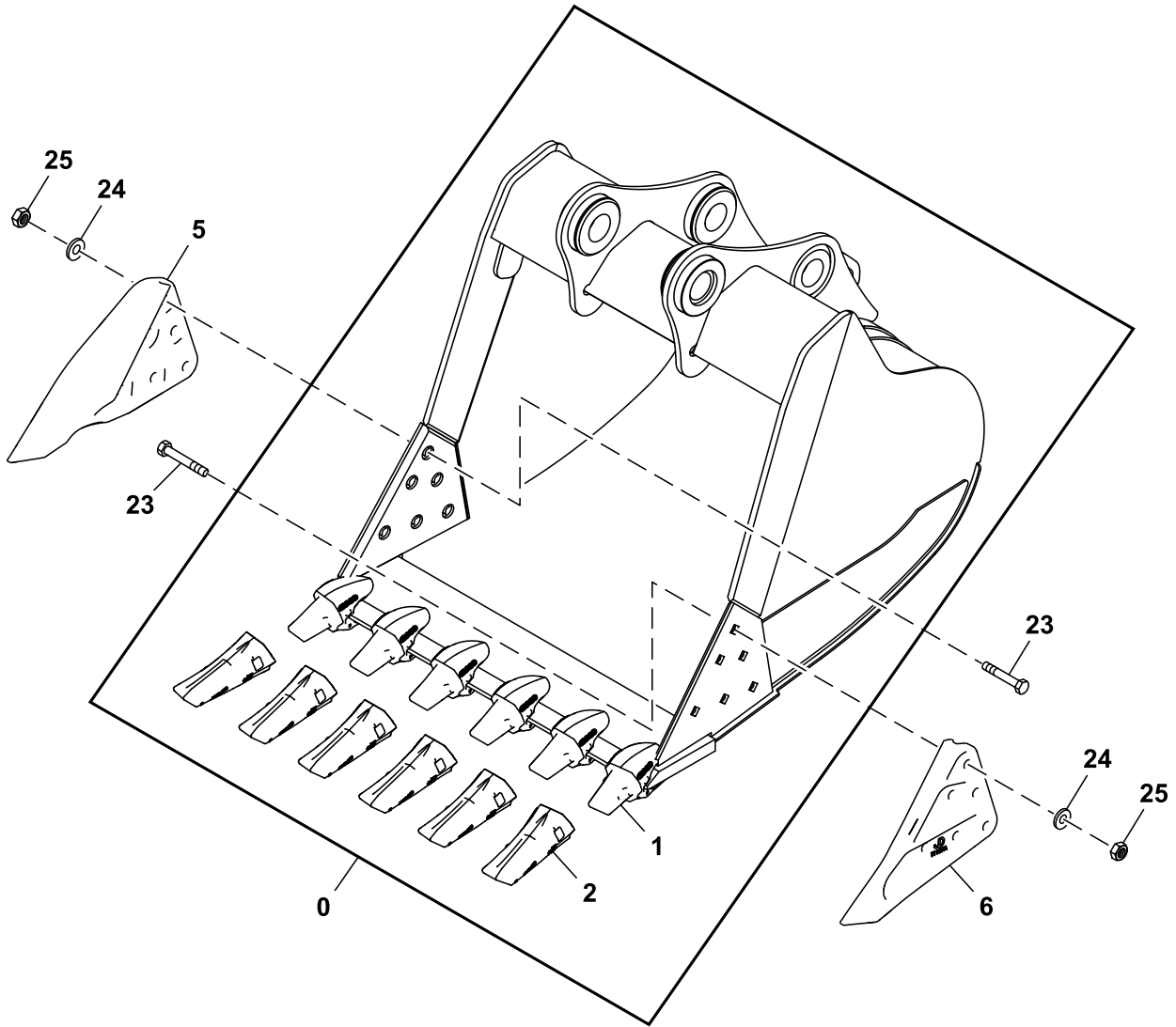
TX1191210

91 — 5,6,23,24,25

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
<b>0</b>	.....	<b>Excavator Bucket</b>	<b>1</b>		<b>Whole Goods, AT451624 NLA</b>
1	E5855U35	Bucket Tooth Adapter	5		
2	EU35S	Tooth	5		
5	T1156A	End Bit	1		
6	T1157A	End Bit	1		
21	CE17748L3	End Bit	1		
22	CE17748R3	End Bit	1		
23	09H1772	Bolt	12		7/8" X 3-1/2"
24	12H245	Lock Washer	12		7/8"
25	14H1077	Nut	12		7/8"
29	TPDE31329	Shroud	2		
53	09H1772	Bolt	6		7/8" X 3-1/2"
54	12H245	Lock Washer	6		7/8"
55	14H1077	Nut	6		7/8"
63	09H1772	Bolt	6		7/8" X 3-1/2"
64	12H245	Lock Washer	6		7/8"
65	14H1077	Nut	6		7/8"
<b>90</b>	<b>AT342512</b>	<b>End Bit</b>	<b>1</b>		<b>7.62 cm (3 in.), Side Cutter, Whole Goods</b>
<b>91</b>	<b>AT342513</b>	<b>End Bit</b>	<b>1</b>		<b>15.24 cm (6 in.), Side Cutter, Whole Goods</b>
<b>92</b>	<b>AT342511</b>	<b>End Bit</b>	<b>1</b>		<b>Edge Protector, Whole Goods</b>

Heavy-Duty Bucket, 1.2 m (48 in), 1.0 m<sup>3</sup> (1.31 yd<sup>3</sup>)

TX1191211 B.1



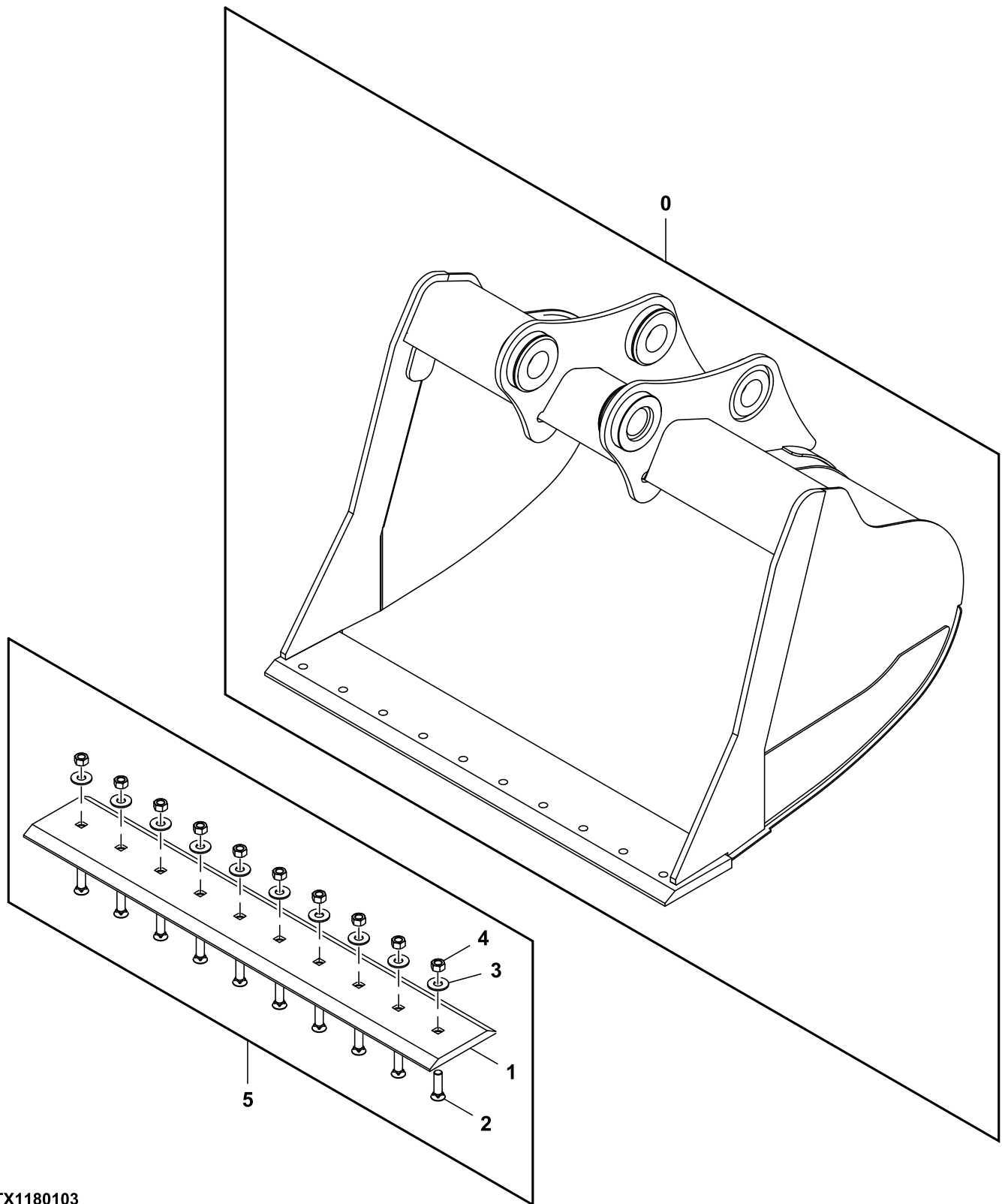
TX1191211

91 — 5,6,23,24,25

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	.....	<b>Excavator Bucket</b>	1		<b>Whole Goods, AT451625 NLA</b>
1	E5855U35	Bucket Tooth Adapter	6		
2	EU35S	Tooth	6		
5	T1156A	End Bit	1		
6	T1157A	End Bit	1		
21	CE17748L3	End Bit	1		
22	CE17748R3	End Bit	1		
23	09H1772	Bolt	12		7/8" X 3-1/2"
24	12H245	Lock Washer	12		7/8"
25	14H1077	Nut	12		7/8"
29	TPDE31329	Shroud	2		
53	09H1772	Bolt	6		7/8" X 3-1/2"
54	12H245	Lock Washer	6		7/8"
55	14H1077	Nut	6		7/8"
63	09H1772	Bolt	6		7/8" X 3-1/2"
64	12H245	Lock Washer	6		7/8"
65	14H1077	Nut	6		7/8"
90	AT342512	End Bit	1		<b>7.62 cm (3 in.), Side Cutter, Whole Goods</b>
91	AT342513	End Bit	1		<b>15.24 cm (6 in.), Side Cutter, Whole Goods</b>
92	AT342511	End Bit	1		<b>Edge Protector, Whole Goods</b>

Ditching Bucket, 1.5 m (60 in), 1.18 m<sup>3</sup> (1.55 yd<sup>3</sup>)

TX1180103 A.1



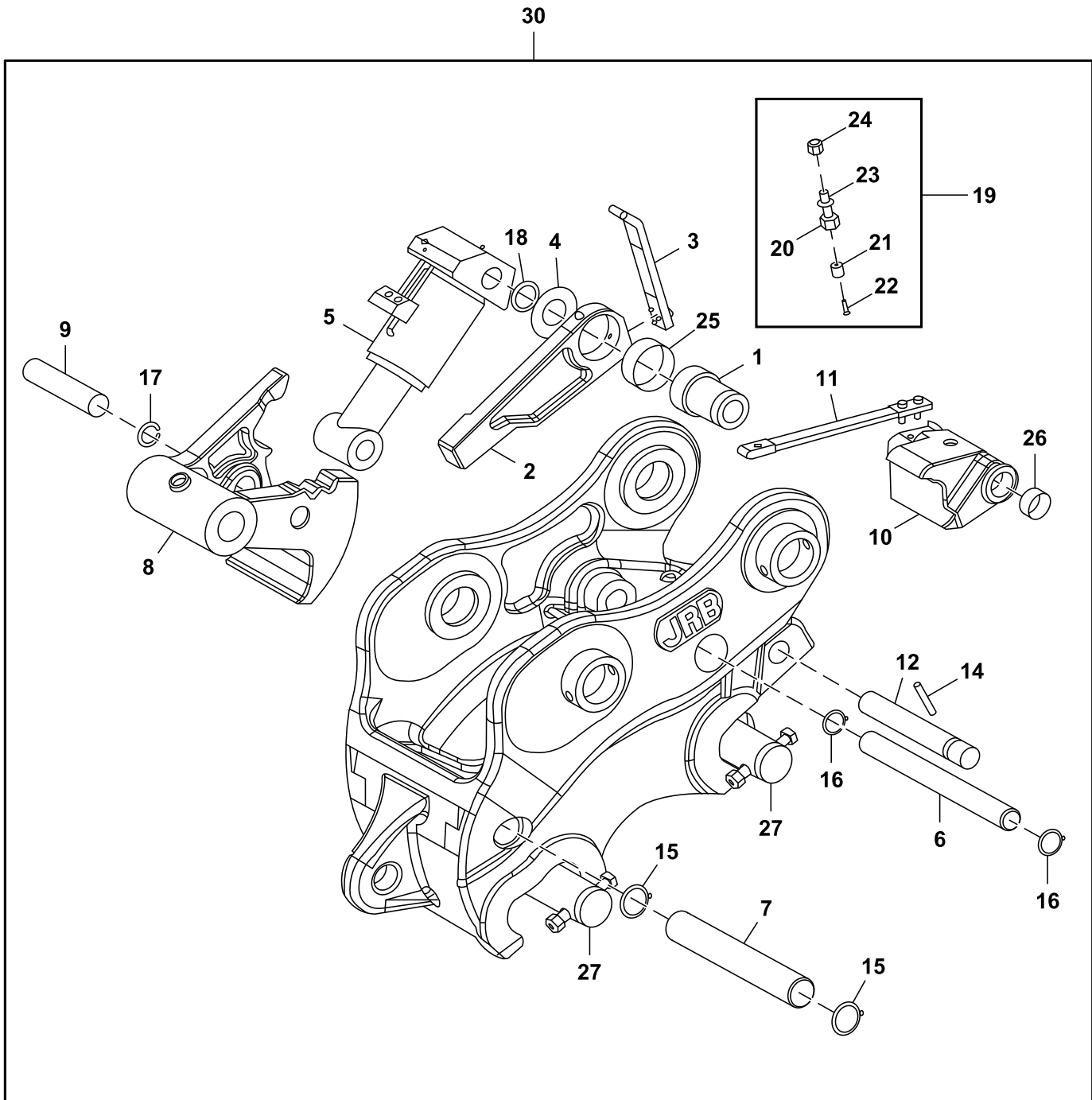
TX1180103

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
<b>0</b>	.....	<b>Excavator Bucket</b>	<b>1</b>		<b>Whole Goods, AT451626 NLA</b>
1	T363442	Cutting Edge	1		
2	09H1758	Bolt	10		3/4" X 3-1/4"
3	24H1161	Washer	10		13/16" X 1-15/32" X 0.134"
4	14H1058	Nut	10		3/4"
<b>5</b>	.....	<b>Excavator Bucket</b>	<b>1</b>		<b>Whole Goods, AT454299 NLA</b>



Hydraulic Coupler Kit, Variable Pin Grabber

TX1292068 A.1

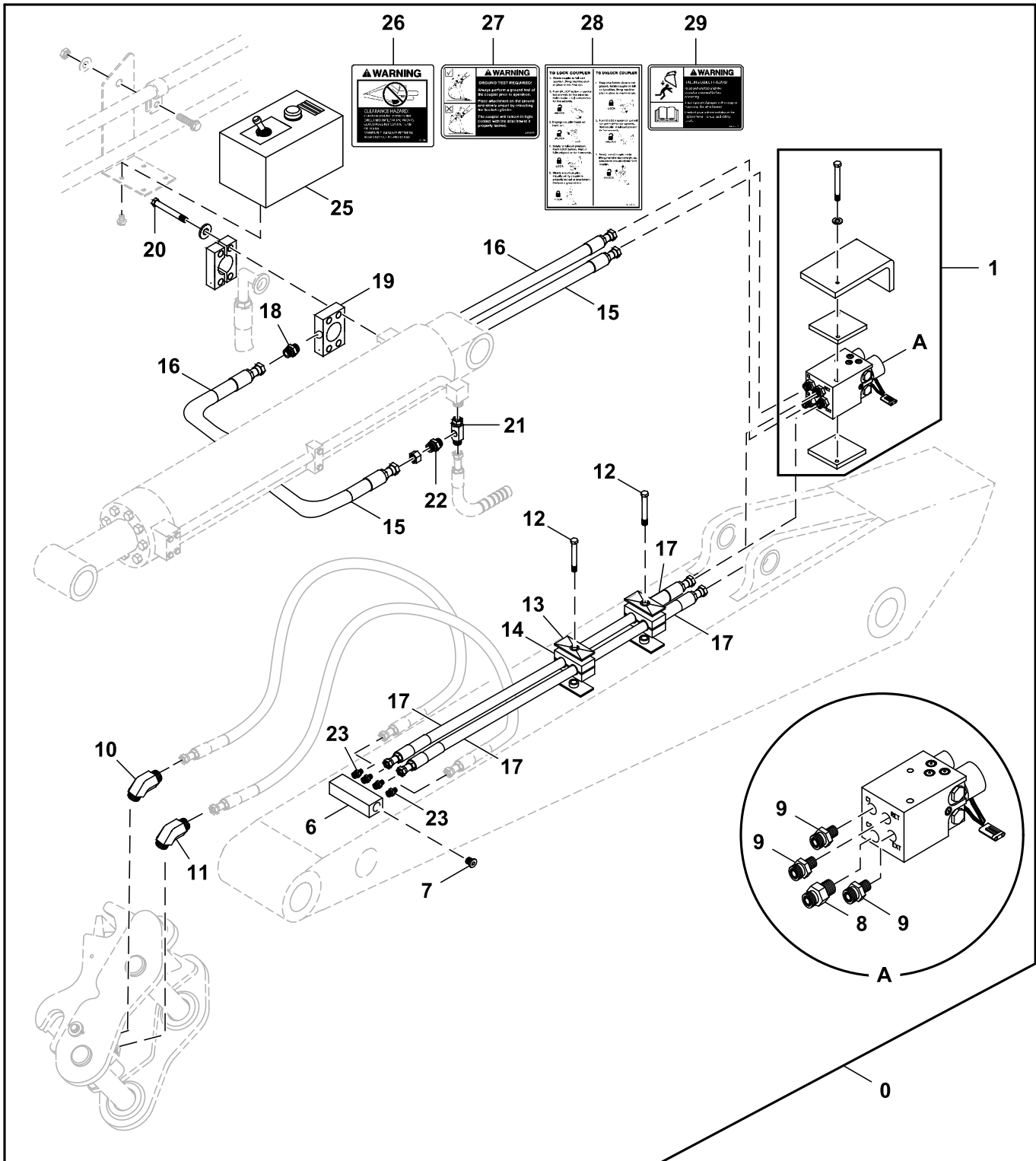


BYT11628\_TX1292068

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
1	T433912	Boss	1		
2	T433913	Lock Plate	1		
3	T433919	Leaf Spring	1		
4	T436557	Washer	1		
5	AT509150	Hydraulic Cylinder	1		INCLUDES T433713
	T433713	Seal Kit	1		
6	T433920	Pin Fastener	1		
7	T433921	Pin Fastener	1		
8	T433922	Hook	1		
9	T433943	Pin Fastener	1		
10	T433944	Wedge	1		
11	T433720	Leaf Spring	1		
12	T433945	Pin Fastener	1		
14	34M7049	Spring Pin	1		8 X 50 mm
15	40M7302	Snap Ring	2		
16	40M7109	Snap Ring	2		
17	40M7119	Snap Ring	1		
18	40M7066	Snap Ring	1		
19	AT509005	Magnet Kit	1		
20	T433703	Holder	1		
21	T433705	Magnet	1		
22	19M9222	Screw	1		M6 X 30
23	12M7168	Lock Washer	1		16.630 mm
24	14M7697	Lock Nut	1		M16
25	T433946	Bushing	1		
26	T433723	Bushing	2		
27	AT343206	Pin	1		Includes 2 Pins And Hardware
28	AT343362	Hydraulic Hose	2		Fabricate, Not Illustrated
29	T436562	Lubrication Fitting	3		Not Illustrated
30	<b>BYT11628</b>	<b>Quick Coupler Kit</b>	<b>1</b>		<b>Whole Goods</b>

Hydraulic Control Kit, Variable Pin Grabber

TX1291718 A.1

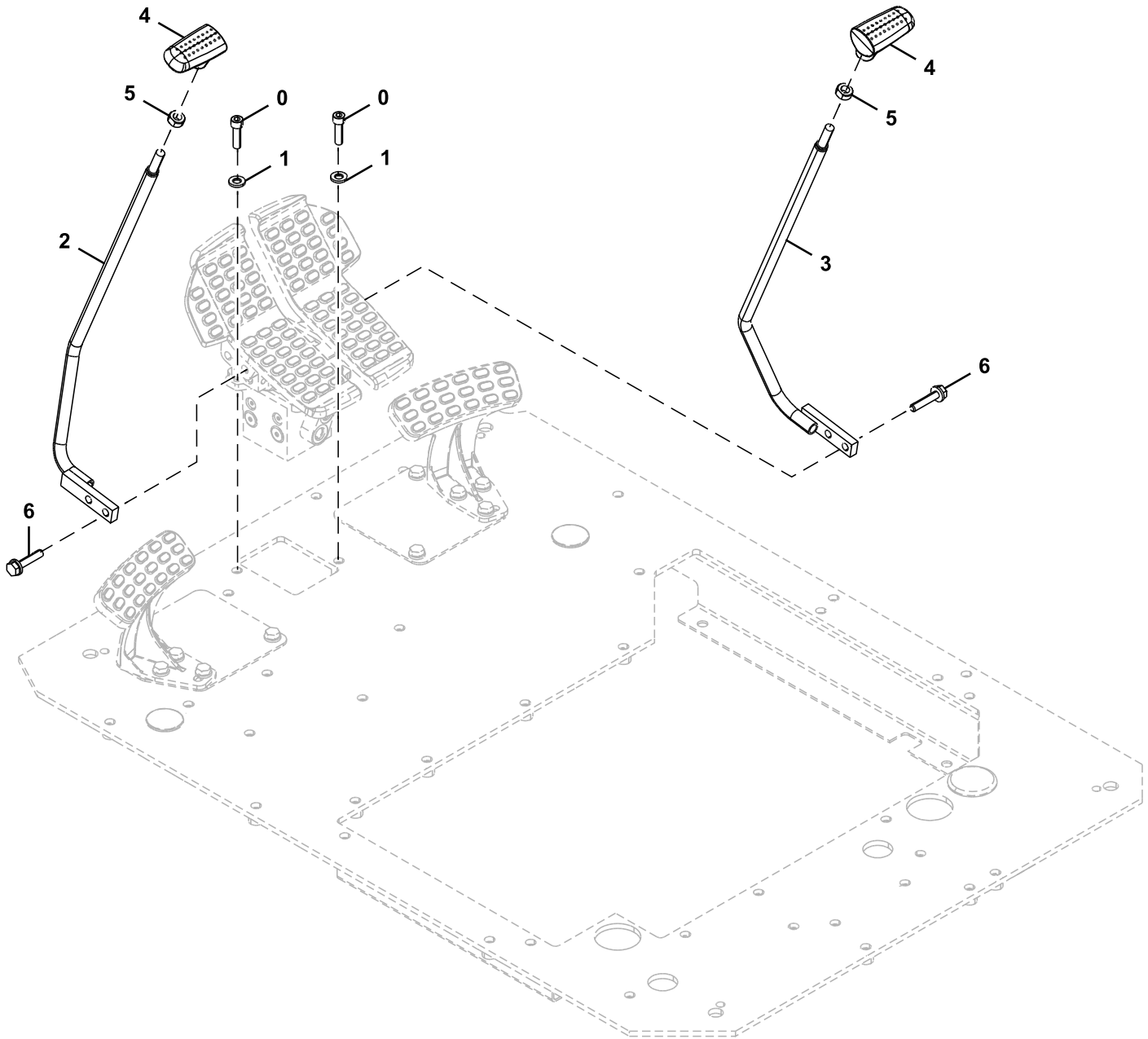


TX1291718

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	<b>BYT11629</b>	<b>Quick Coupler Kit</b>	<b>1</b>		<b>Whole Goods</b>
1	AT449336	Solenoid Valve	1		
6	T257730	Manifold	1		
7	X6HP50N-S	Fitting Plug	2		
8	X6F5OLO-S	Adapter Fitting	1		
9	X4F5OLO-S	Adapter Fitting	3		
10	X6V5OLO-S	Elbow Fitting	1		
11	X6-4V5OLO-S	Elbow Fitting	1		
12	19H3219	Cap Screw	2		3/8" X 1-3/8"
13	H121168	Plate	2		
14	H120847	Clamp	4		
15	AT509612	Hydraulic Hose	1		Fabricate
16	AT509610	Hydraulic Hose	1		Fabricate
17	AT509606	Hydraulic Hose	2		Fabricate
18	X6FLO-S	Adapter Fitting	1		
19	AT343367	Junction Block	1		
20	19M8412	Screw	4		M10 X 55
	19M8131	Screw	4		M10 X 70
21	AT516815	Tee Fitting	1		
22	X6-4F5OLO-S	Adapter Fitting	1		
23	X4-6F5OLO-S	Adapter Fitting	4		
24	R44302	Tie Band	35		Not Illustrated
25	AT449337	Circuit Box	1		
26	T232157	Safety Sign	1		Warning, Clearance, English
	T232158	Safety Sign	1		Warning, Clearance, Spanish
	.....	Safety Sign	1		Warning, Clearance, French, T232159 NSEP
27	T441102X019	Label	1		Warning, Ground Test Required, English
	T441102X028	Label	1		Warning, Ground Test Required, French
	T441102X063	Label	1		Warning, Ground Test Required, Spanish
28	T441105X019	Label	1		Coupler Operation, English
	T441105X028	Label	1		Coupler Operation, French
	T441105X063	Label	1		Coupler Operation, Spanish
29	T441103X019	Label	1		Warning, Read Operator's Manual, English
	T441103X028	Label	1		Warning, Read Operator's Manual, French
	T441103X063	Label	1		Warning, Read Operator's Manual, Spanish

Travel Pilot Control Valve Levers

TX1115851 A.1

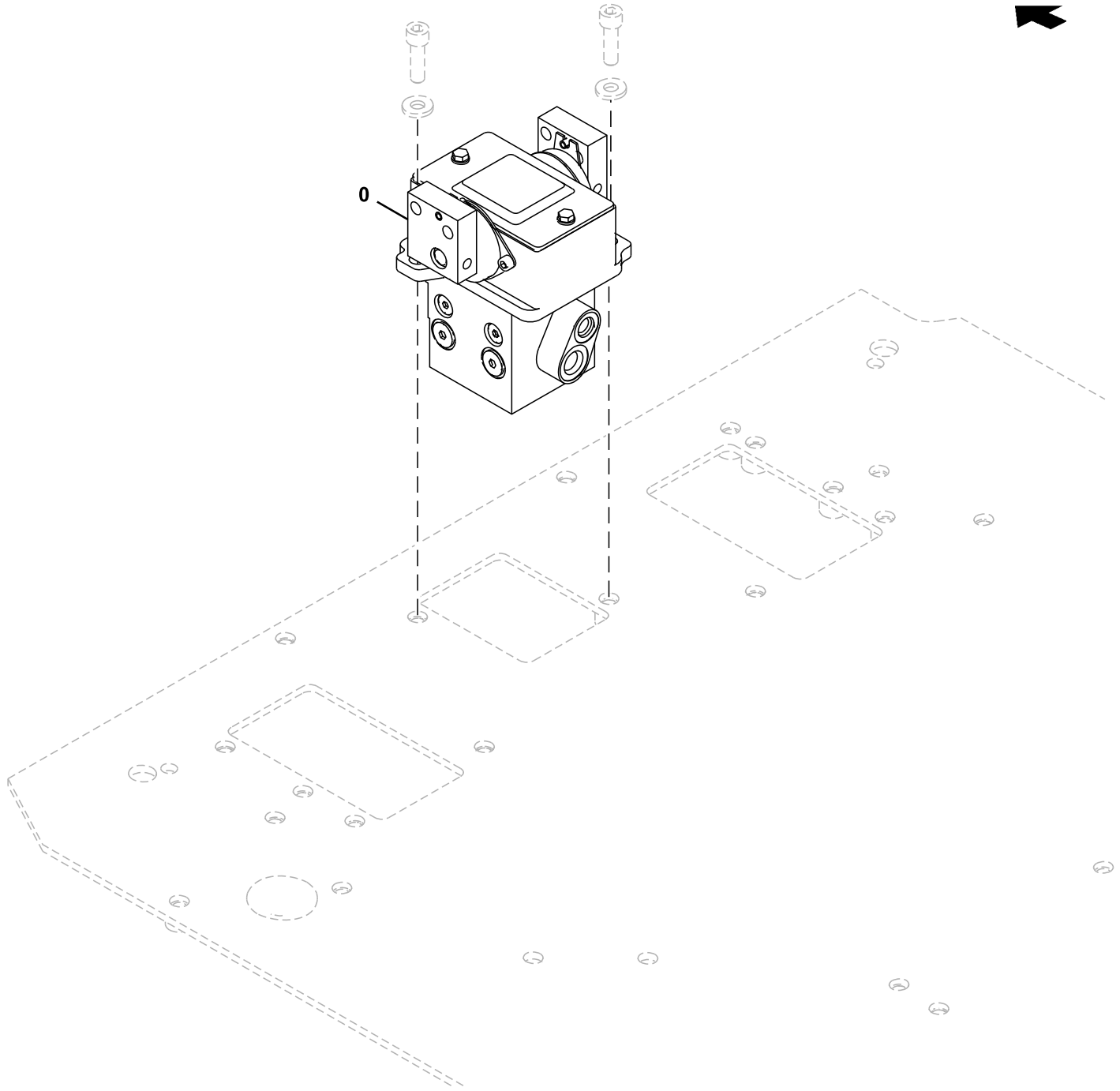


TX1115851

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	19M8337	Screw	2		M10 X 30, SUB FOR J781035
1	24M7346	Washer	2		11 X 20 X 2 mm, SUB FOR J222010
2	8104752	Lever	1		Left
3	8104753	Lever	1		Right
4	2052912	Grip	2		
5	FYD00011202	Nut	2		SUB FOR 4424185
6	.....	Screw With Washer	4		J271050 NLA
	19M7658	Cap Screw	4		M10 X 50, SUB FOR J901050
	24M7346	Washer	4		11 X 20 X 2 mm, SUB FOR J222010

Travel Pilot Control Valve

TX1088961 A.1



TX1088961

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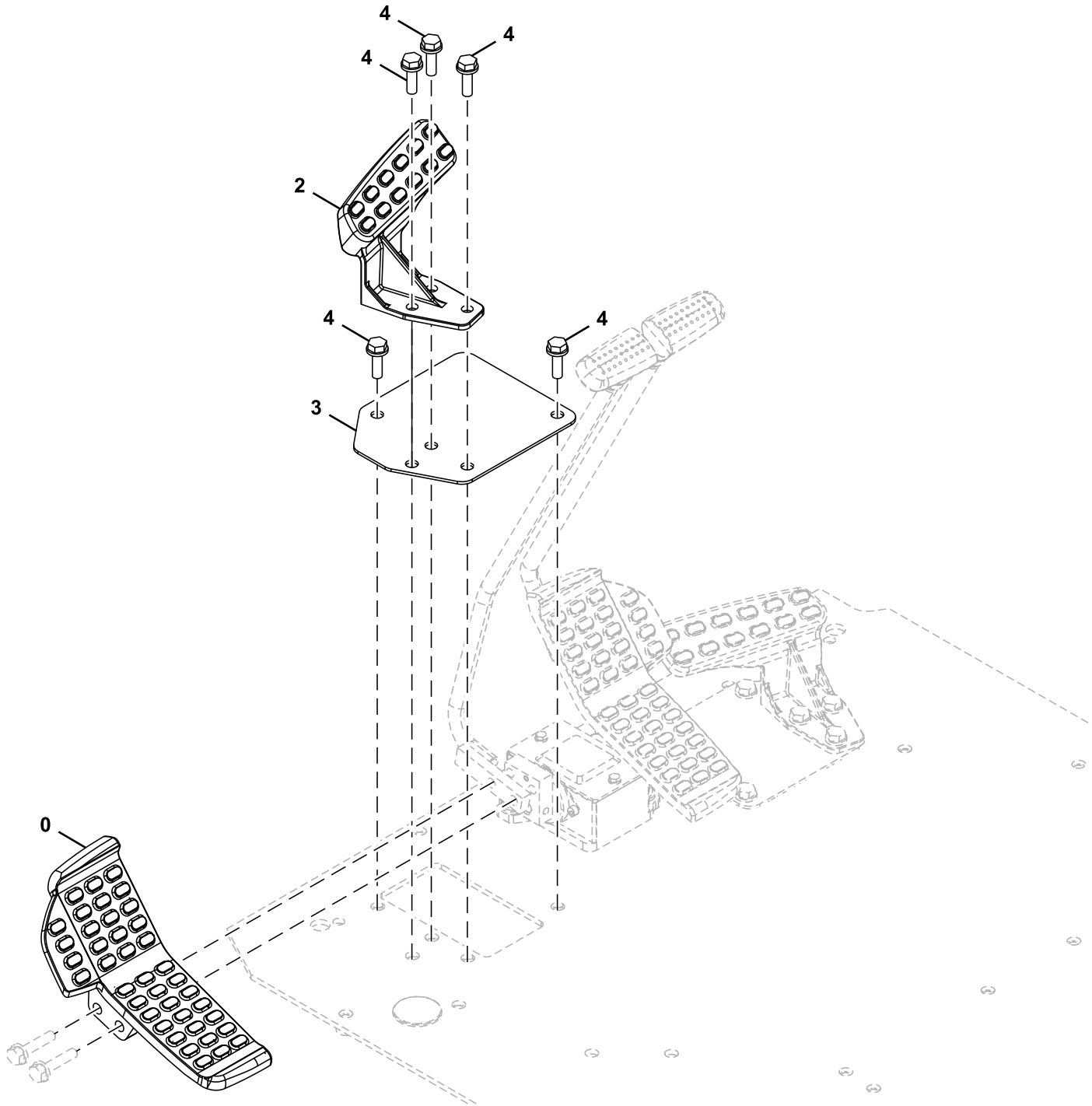
<i>Key</i>	<i>Part No.</i>	<i>Part Name</i>	<i>Qty.</i>	<i>Serial No.</i>	<i>Remarks</i>
0	FYB6000033	Hyd Actuated Control Valve	1		SUB FOR FYB6000029, Travel Pilot Control, Components On Separate Page

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Left Travel Pedal

TX1116887 A.1

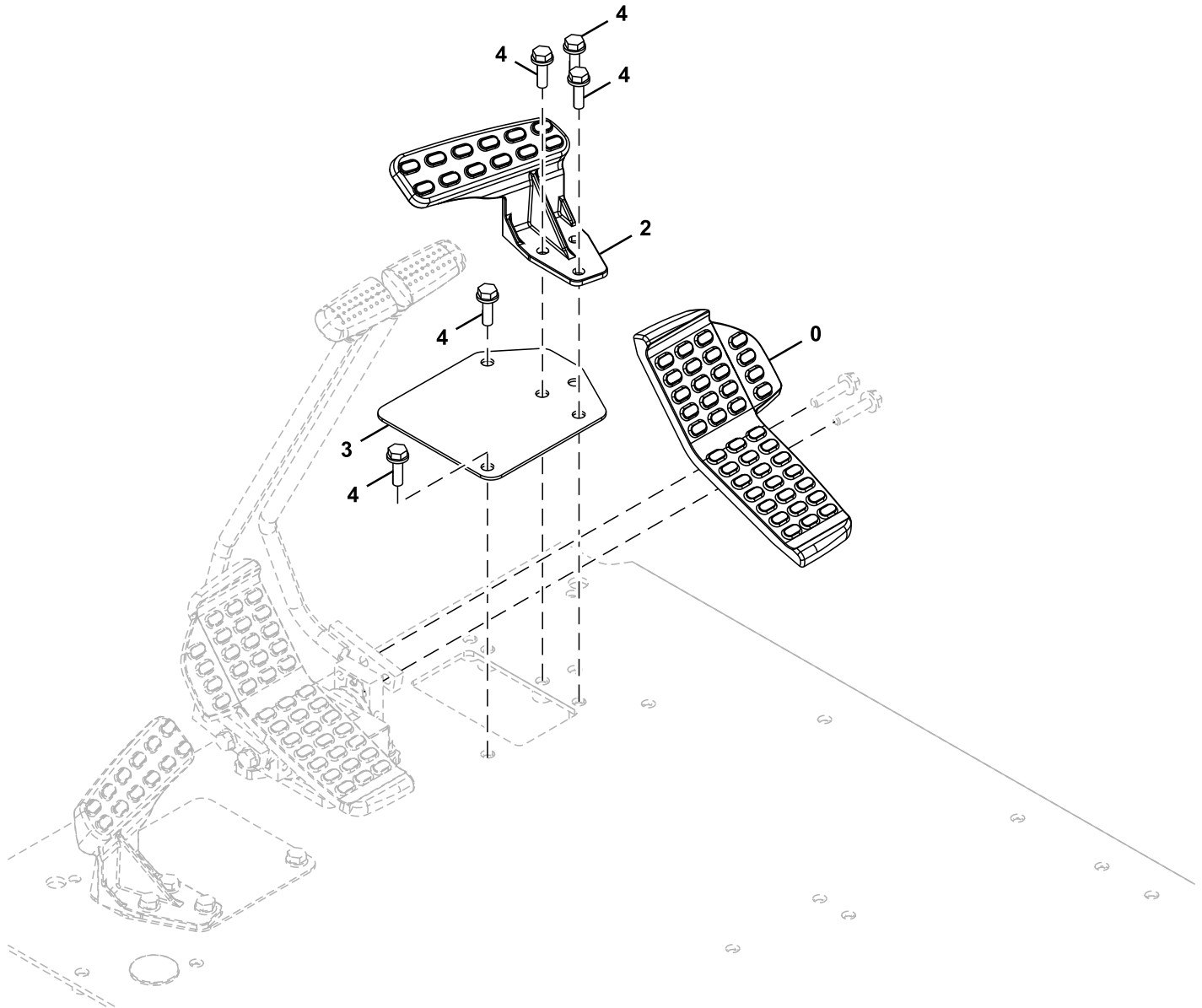


TX1116887

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	1033298	Pedal	1		
2	FYA00002482	Footrest	1		
3	4689585	Plate	1		
4	.....	Screw With Washer	5		J271035 NLA
	19M7550	Cap Screw	5		M10 X 35, SUB FOR J901035
	24M7346	Washer	1		11 X 20 X 2 mm, SUB FOR J222010

Right Travel Pedal

TX1117374 A.1

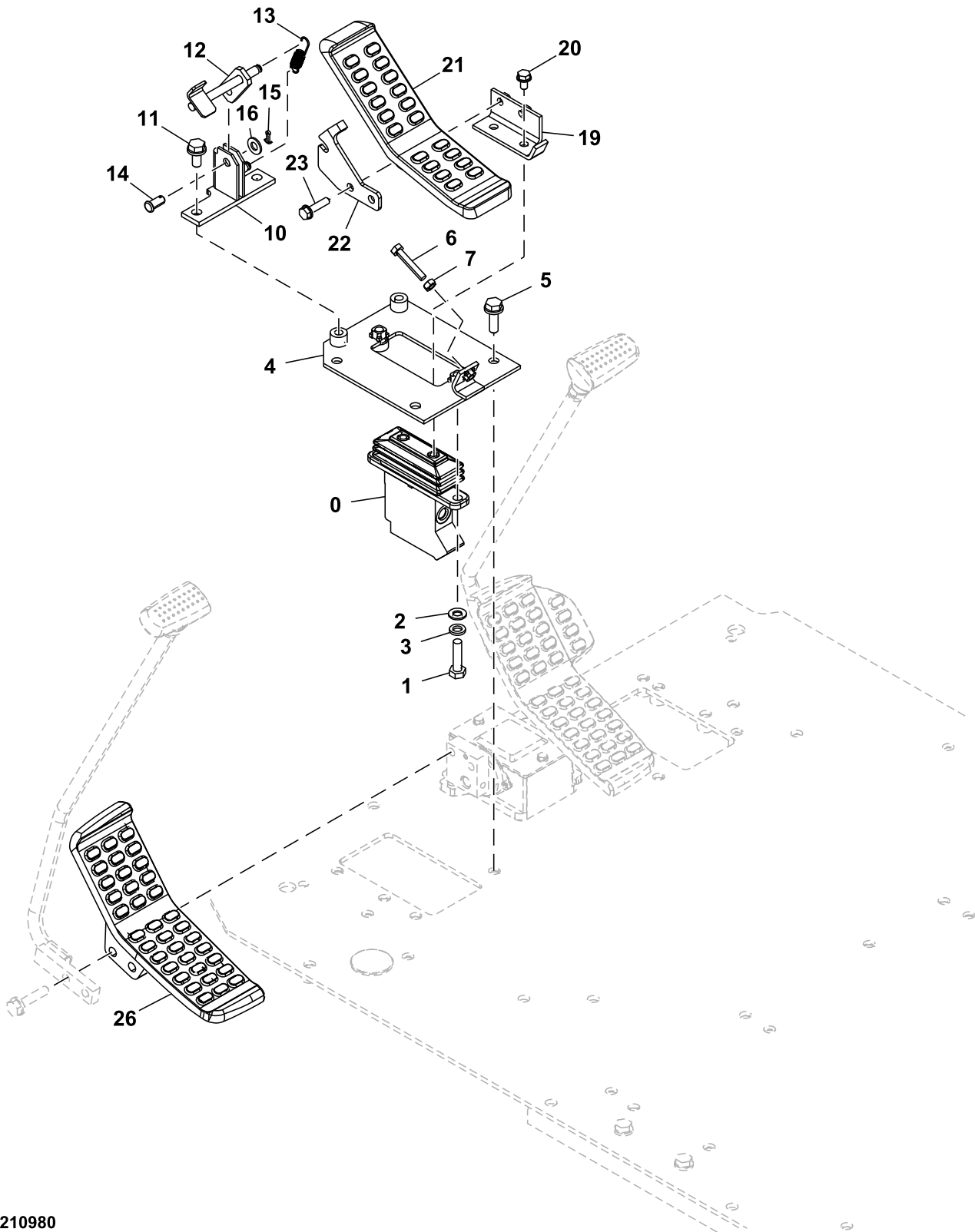


TX1117374

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	1033299	Pedal	1		
2	FYA00002481	Footrest	1		
3	4689585	Plate	1		
4	.....	Screw With Washer	5		NLA
	19M7550	Cap Screw	5		M10 X 35, SUB FOR J901035
	24M7346	Washer	5		11 X 20 X 2 mm, SUB FOR J222010

Control Pedal

TX1210980 A.1

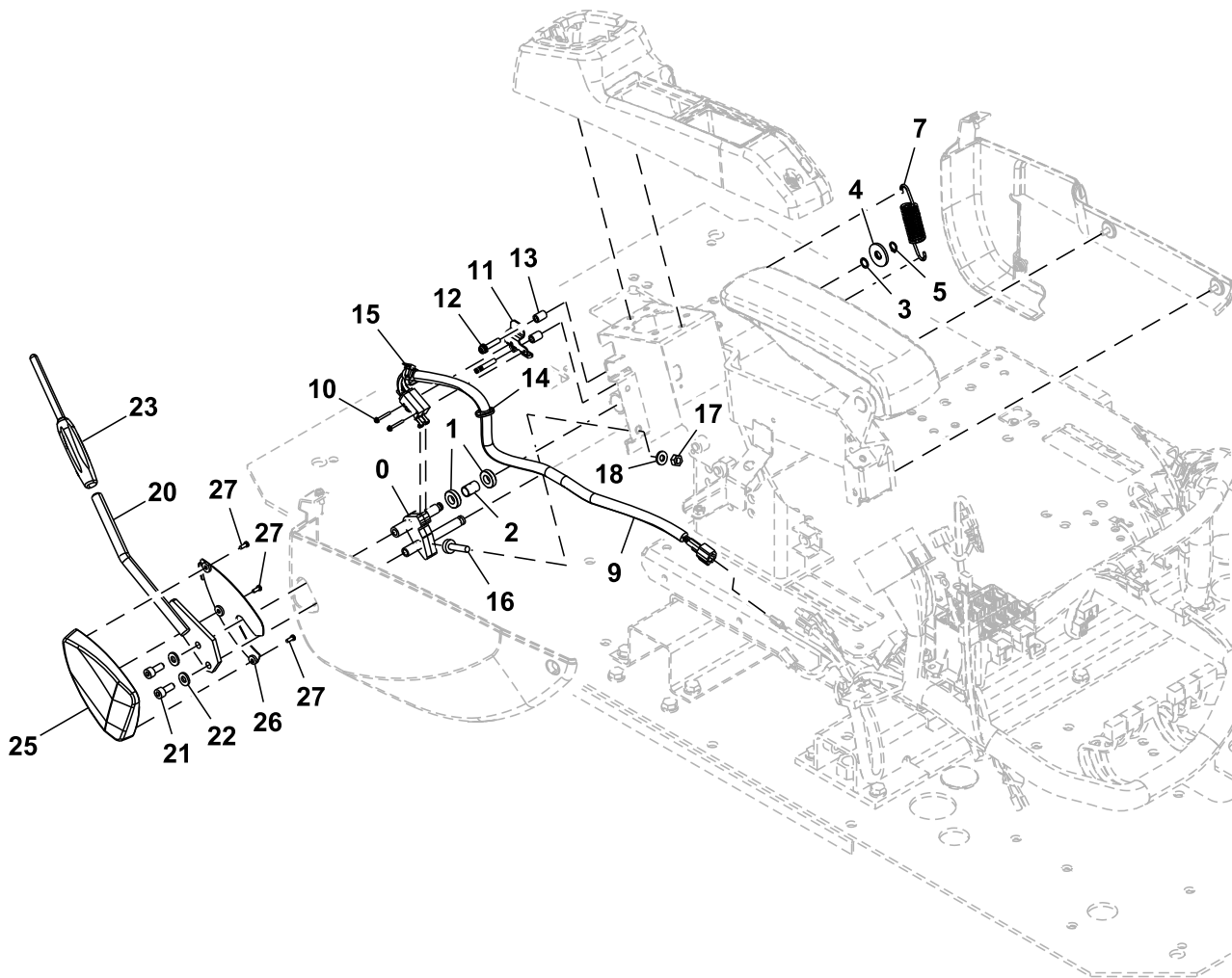


TX1210980

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	FYB6000024	Hyd Actuated Control Valve	1		Components On Separate Page
1	19M7358	Cap Screw	2		M10 X 40, SUB FOR J901040
2	24M7028	Washer	2		10.500 X 20 X 2 mm, SUB FOR A590110
3	12M7066	Lock Washer	2		10 mm, SUB FOR A590910
4	8104230	Bracket	1		
5	.....	Screw With Washer	3		J271035 NLA
	19M7550	Cap Screw	3		M10 X 35, SUB FOR J901035
	24M7346	Washer	3		11 X 20 X 2 mm, SUB FOR J222010
6	4317640	Bolt	1		
7	14M7273	Nut	1		M8, SUB FOR M500807
10	9766876	Bracket	1		
11	.....	Screw With Washer	2		J271025 NLA
	19M7402	Cap Screw	2		M10 X 25, SUB FOR J901025
	24M7346	Washer	2		11 X 20 X 2 mm, SUB FOR J222010
12	9766167	Stop	1		
13	4279604	Spring	1		
14	4287795	Pin	1		
15	11M7080	Cotter Pin	1		2.500 X 16 mm, SUB FOR A763016
16	24M7028	Washer	1		10.500 X 20 X 2 mm, SUB FOR A590110
19	9765823	Bracket	1		
20	.....	Screw With Washer	2		J260816 NLA
	19M7162	Cap Screw	2		M8 X 16, SUB FOR J900816
	24M7055	Washer	2		8.400 X 16 X 1.600 mm, SUB FOR A590108
21	1033219	Pedal	1		Right
22	4660756	Plate	1		
23	.....	Screw With Washer	2		SUB FOR J260835
	19M7298	Cap Screw	2		M8 X 35, SUB FOR J900835
	24M7055	Washer	2		8.400 X 16 X 1.600 mm, SUB FOR A590108
26	3107562	Pedal	1		Left

Pilot Shutoff Lever

TX1185206 B.1



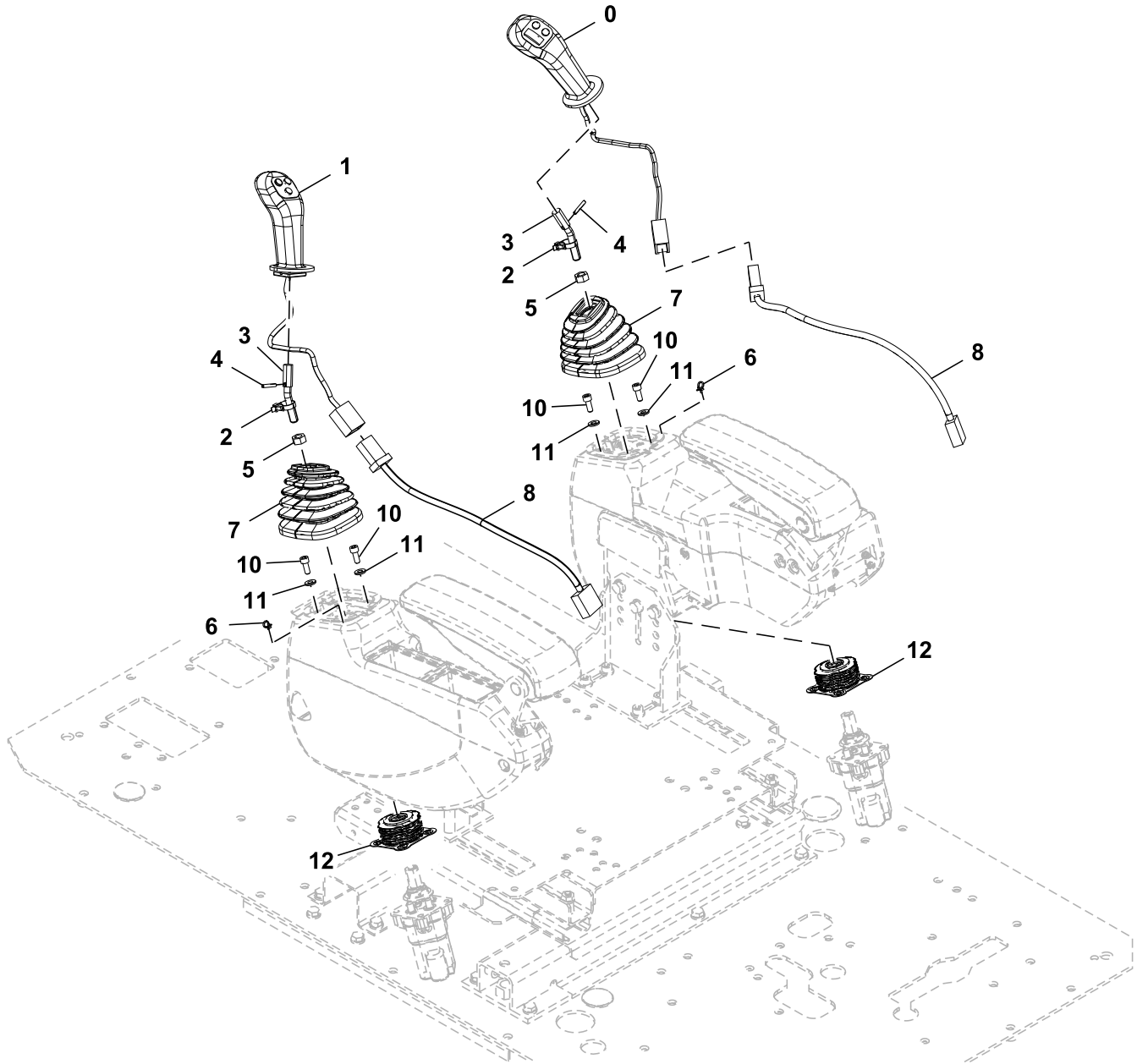
TX1185206

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	8119409	Bracket	1		
1	4637175	Ball Bearing	2		
2	4631103	Spacer	1		
3	4454269	Shim	1		0.5 mm (0.02 in)
4	4486055	Washer	1		SUB FOR 4371706
5	991334	Snap Ring	1		
7	4636765	Spring	1		
9	4716973	Switch	1		INCLUDES 4722865, Pilot Shutoff Switch
	4722865	Diode	1		
10	.....	Screw With Washer	2		J460325 NLA
	21M7281	Screw	2		M3 X 25
	12H233	Lock Washer	2		1/8"
	24H914	Washer	2		
11	4705785	Bracket	1		
12	.....	Screw With Washer	2		J460630 NLA
	21M7466	Screw	2		M6 X 30
	12M7006	Lock Washer	2		6 mm
	24M7054	Washer	2		6.400 X 12 X 1.600 mm
13	4705786	Spacer	2		
14	H77698	Tie Band	1		SUB FOR 4300351
15	H77698	Tie Band	1		SUB FOR 4055311
16	4642575	Isolator	1		
17	14M7273	Nut	1		M8, SUB FOR J950008
18	J222008	Washer	1		
20	8119897	Lever	1		Lock
21	19M7660	Screw	2		M8 X 20, SUB FOR J780820
22	J222008	Washer	2		
23	3109101	Grip	1		
25	FYA00030897	Cover	1		
26	FYA00030898	Cover	1		
27	4452613	Screw	3		



Auxiliary Function Levers (AFL)

TX1211010 A.1

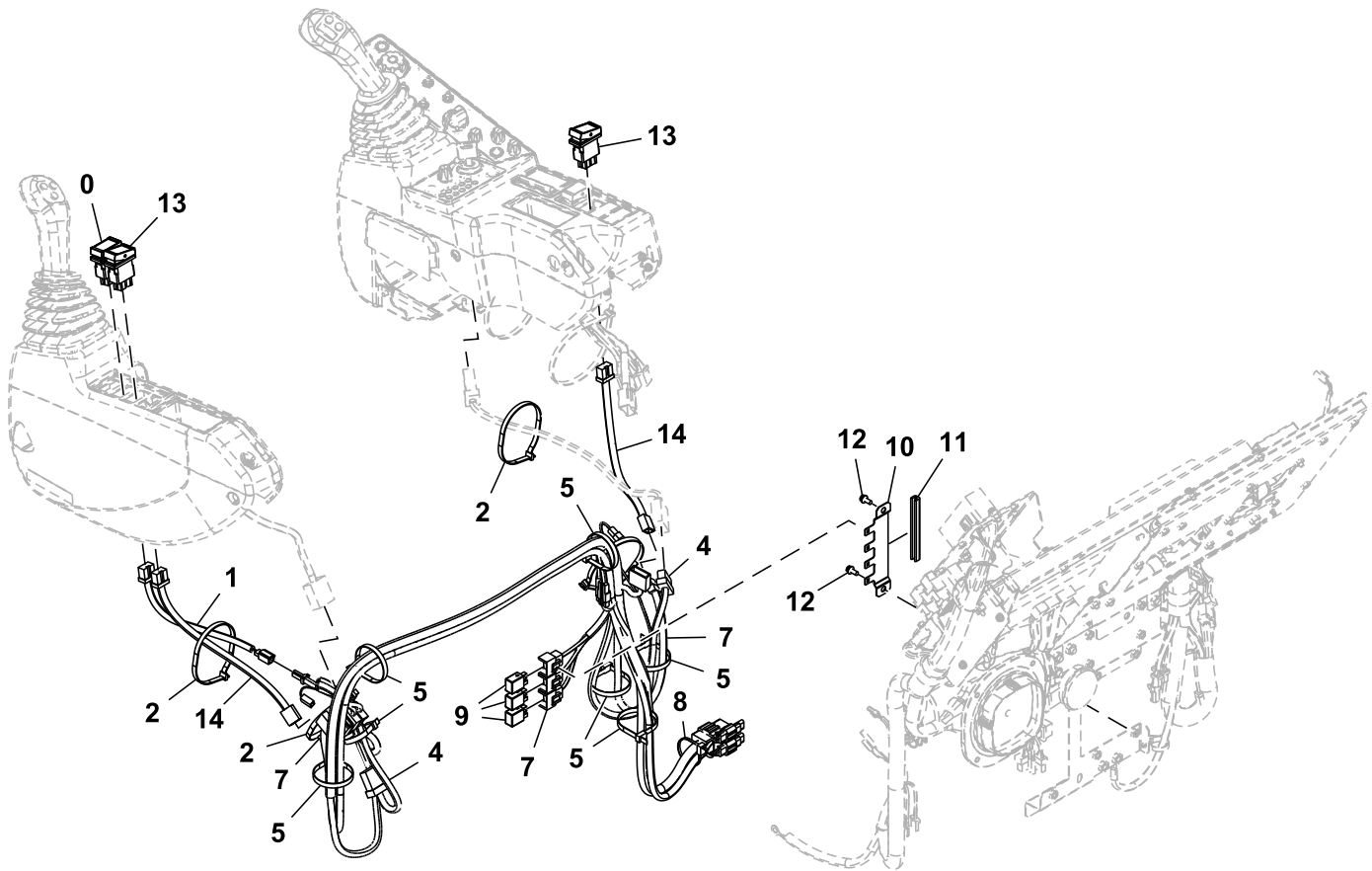


TX1211010

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	FYA00002700	Grip	1		Right
1	FYA00002710	Grip	1		Left
2	H77698	Tie Band	2		SUB FOR 4055311
3	4728520	Shaft	2		
4	4034733	Spring Pin	2		
5	14M7275	Nut	2		M12, SUB FOR J950012
6	H77698	Tie Band	2		SUB FOR 4300351
7	2060151	Boot	2		
8	FYA00009816	Wiring Harness	2		Auxiliary Function Levers
10	19M7660	Screw	8		M8 X 20, SUB FOR J780820
11	J222008	Washer	8		
12	FYB40000006	Boot	2		

Auxiliary Function Lever (AFL) Wiring Harness And Switches

TX1211021 A.1

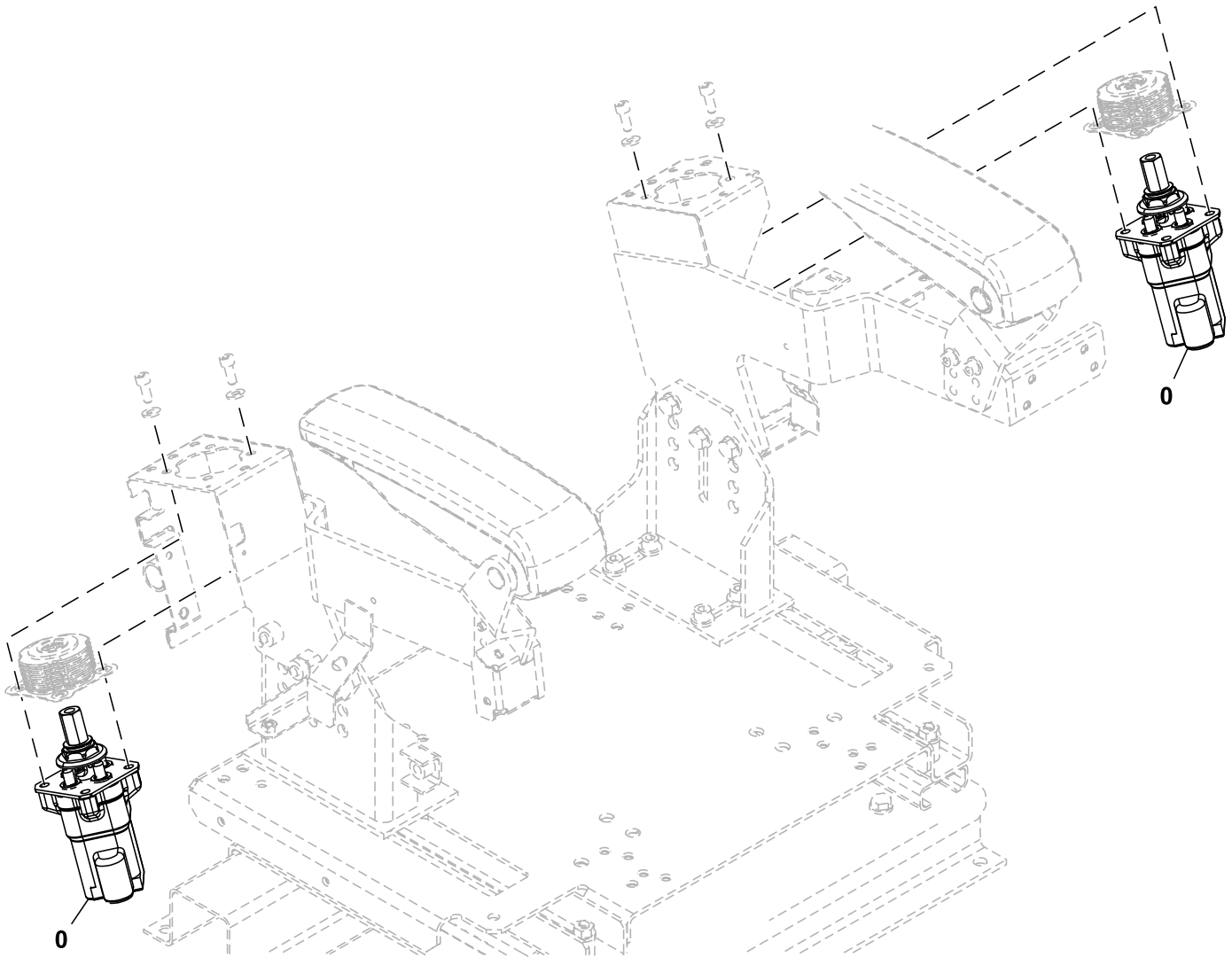


TX1211021

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	FYA00003030	Switch	1		Auxiliary Function Lever
1	FYA00009815	Wiring Harness	1		Auxiliary Function Enable
2	H77698	Tie Band	4		SUB FOR 4121859
4	FYA00034418	Wiring Harness	1		Auxiliary Function Lever, INCLUDES 4456778
	4456778	Diode	1		3 A
5	H77698	Tie Band	7		SUB FOR 4055312
7	FYA00042147	Wiring Harness	1		Pilot Control Lever
8	H77698	Tie Band	1		SUB FOR 4055312
9	4436534	Relay	3		Left/Right On/Off Switch
10	FYA00000283	Bracket	1		
11	4678008	Seal	1		
12	.....	Screw With Washer	2		J460616 NLA
	19M8425	Cap Screw	2		M6 X 16
	24M7293	Washer	2		6.500 X 13 X 1.600 mm
	12M7006	Lock Washer	2		6 mm
13	4651295	Switch	2		Left/Right Enable Switch
14	4651278	Wiring Harness	2		Cancel Switch

Pilot Control Valve

TX1211798 A.1



TX1211798

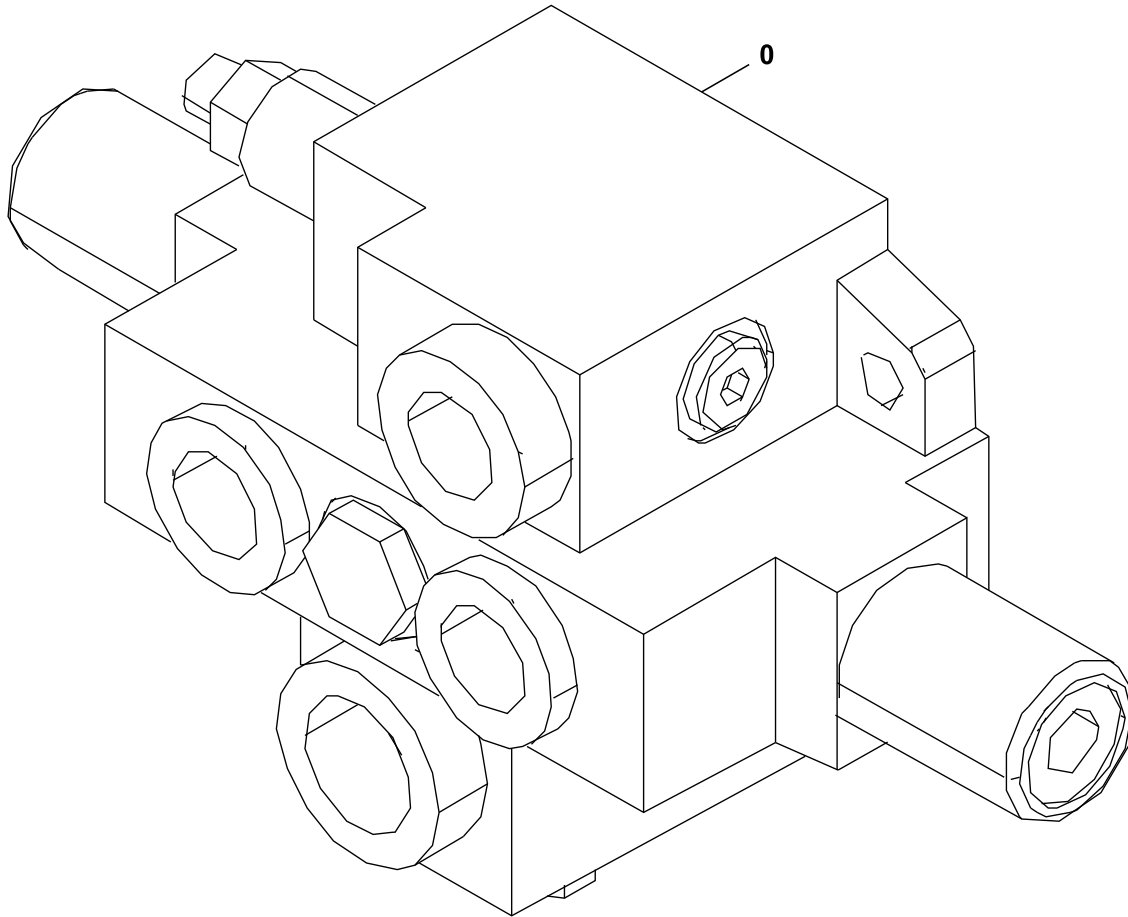
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<i>Key</i>	<i>Part No.</i>	<i>Part Name</i>	<i>Qty.</i>	<i>Serial No.</i>	<i>Remarks</i>
0	FYB60000205	Hyd Actuated Control Valve	2		SUB FOR FYB60000204, Components On Separate Page

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**Additional Gear Pump Valve**

TX1210492 A.1



TX1210492

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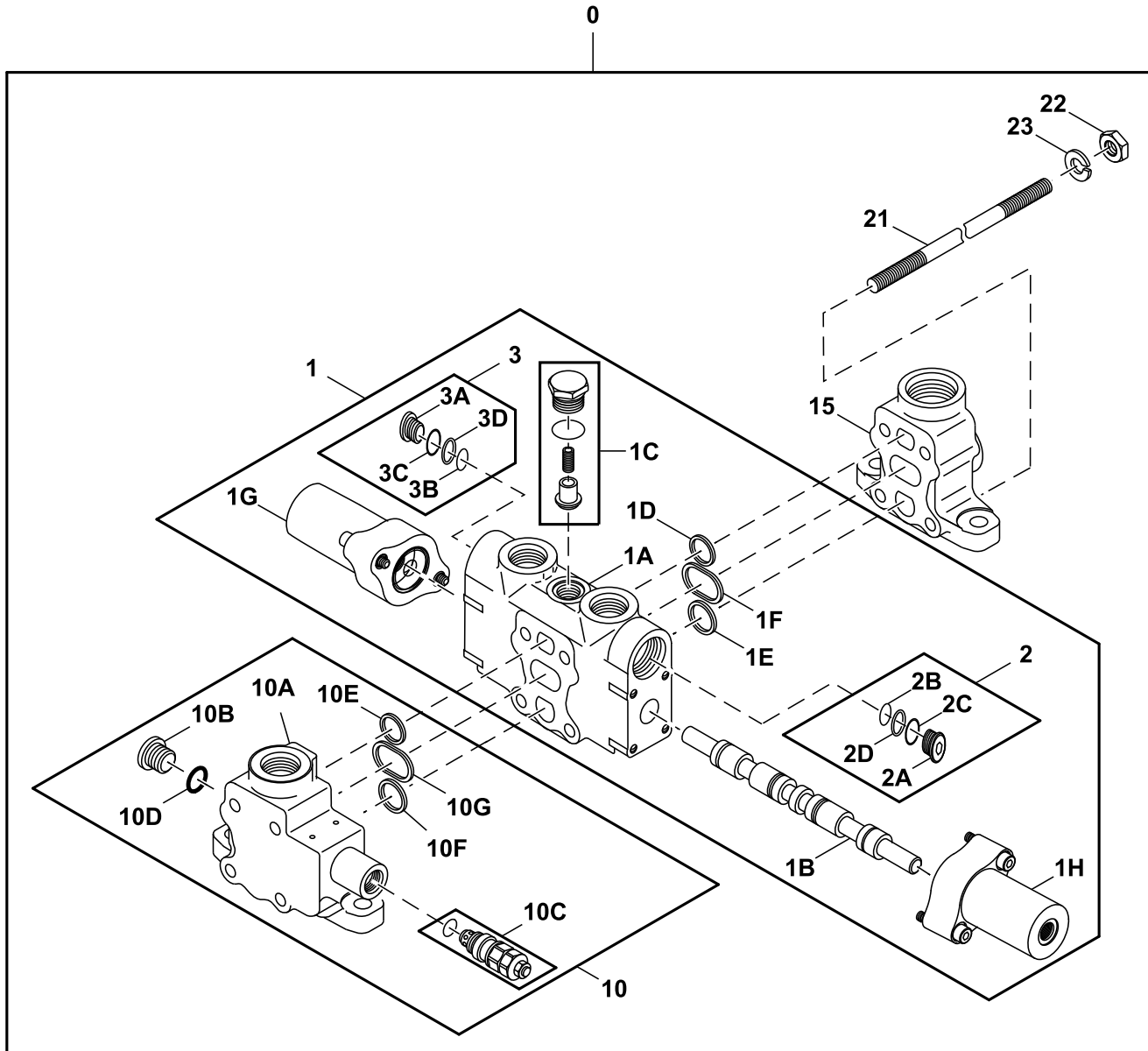
<i>Key</i>	<i>Part No.</i>	<i>Part Name</i>	<i>Qty.</i>	<i>Serial No.</i>	<i>Remarks</i>
0	4676782	Control Valve	1		Components On Separate Page, Open
	4676769	Control Valve	1		Components On Separate Page, Closed

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Gear Pump Control Valve Components, Open

TX1212821 A.1

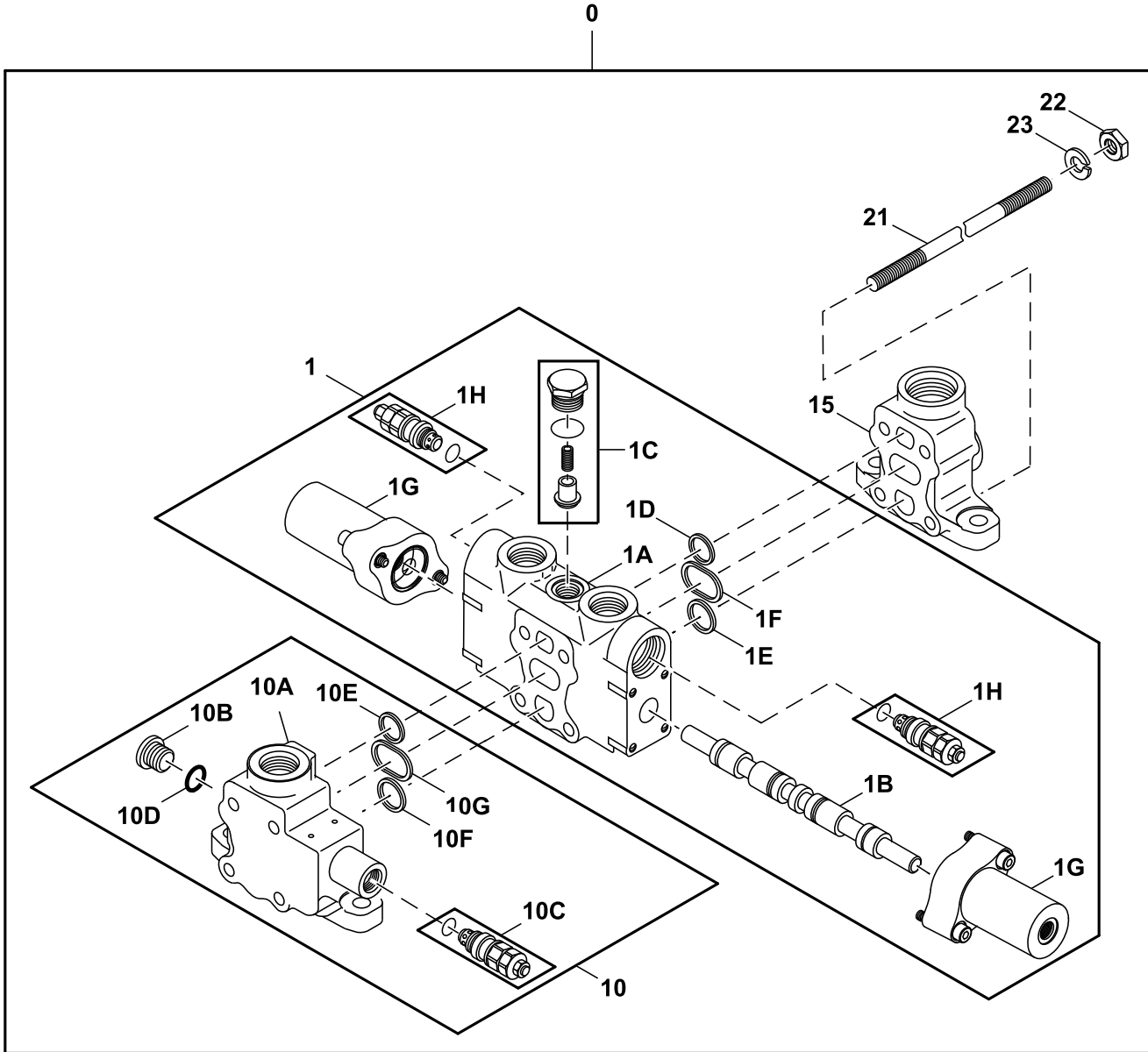


TX1212821

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	4676782	Control Valve	1		Gear Pump, Control Valve, Open
1	.....	Case	1		4719783 NLA
1A	.....	Case	1		0967501 NLA
1B	0927102	Spool	1		
1C	0967502	Plug	1		
1D	0483906	Ring	1		
1E	0483907	Ring	1		
1F	0439004	Ring	1		SUB FOR 0438809
1G	0967503	Cover	1		
1H	0967503	Cover	1		
2	0927103	Plug	1		
2A	.....	Plug	1		0439501 NLA
2B	0499110	O-Ring	1		
2C	0330501	O-Ring	1		
2D	0499111	Back-Up Ring	1		
3	0927103	Plug	1		
3A	.....	Plug	1		0439501 NLA
3B	0499110	O-Ring	1		
3C	0330501	O-Ring	1		
3D	0499111	Back-Up Ring	1		
10	0964602	Cover	1		
10A	0964602	Cover	1		SUB FOR FXB00005951
10B	0624504	Pipe Plug	1		
10C	4723493	Pressure Relief Valve	1		
10D	957366	O-Ring	1		
10E	0483906	Ring	1		SUB FOR 0438807
10F	0483907	Ring	1		SUB FOR 0438808
10G	0439004	Ring	1		SUB FOR 0438909
15	0964603	Control Valve	1		
21	0438704	Bolt	4		
22	14M7273	Nut	4		M8, SUB FOR M500807
23	12M7065	Lock Washer	4		8 mm, SUB FOR A590908

Gear Pump Control Valve Components, Closed

TX1212830 A.1



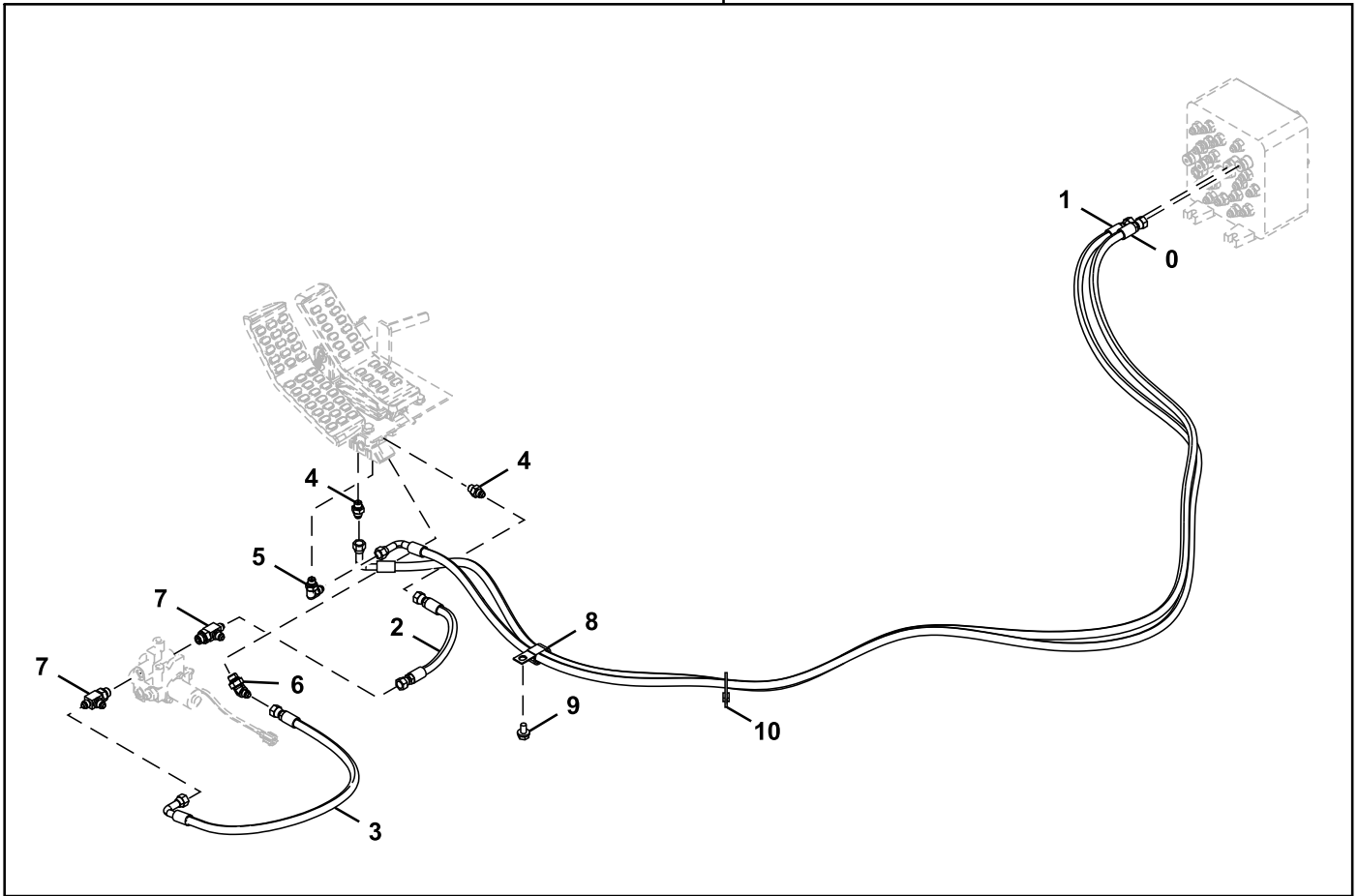
TX1212830

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	4676769	Control Valve	1		Gear Pump, Control Valve, Closed
1	.....	Case	1		FXB00005953 NLA
1A	.....	Case	1		0967501 NLA
1B	.....	Spool	1		FXB00005948 NLA
1C	0967502	Plug	1		
1D	0483906	Ring	1		SUB FOR 0438807
1E	0483907	Ring	1		SUB FOR 0438808
1F	0439004	Ring	1		SUB FOR 0438909
1G	0967503	Cover	2		
1H	4723493	Pressure Relief Valve	2		
10	0964602	Cover	1		
10A	.....	Cover	1		FXB00005951 NLA, FURNISH 0964602
10B	0624504	Pipe Plug	1		
10C	4723493	Pressure Relief Valve	1		
10D	957366	O-Ring	1		
10E	0483906	Ring	1		SUB FOR 0438807
10F	.....	Ring	1		0438808 NLA, FURNISH 0483907
10G	.....	Ring	1		0438909 NLA, FURNISH 0439004
15	0964603	Control Valve	1		
21	0438704	Bolt	4		
22	14M7273	Nut	4		M8, SUB FOR M500807
23	12M7065	Lock Washer	4		8 mm, SUB FOR A590908

Breaker Pilot Hoses

TX1117470 B.1

90

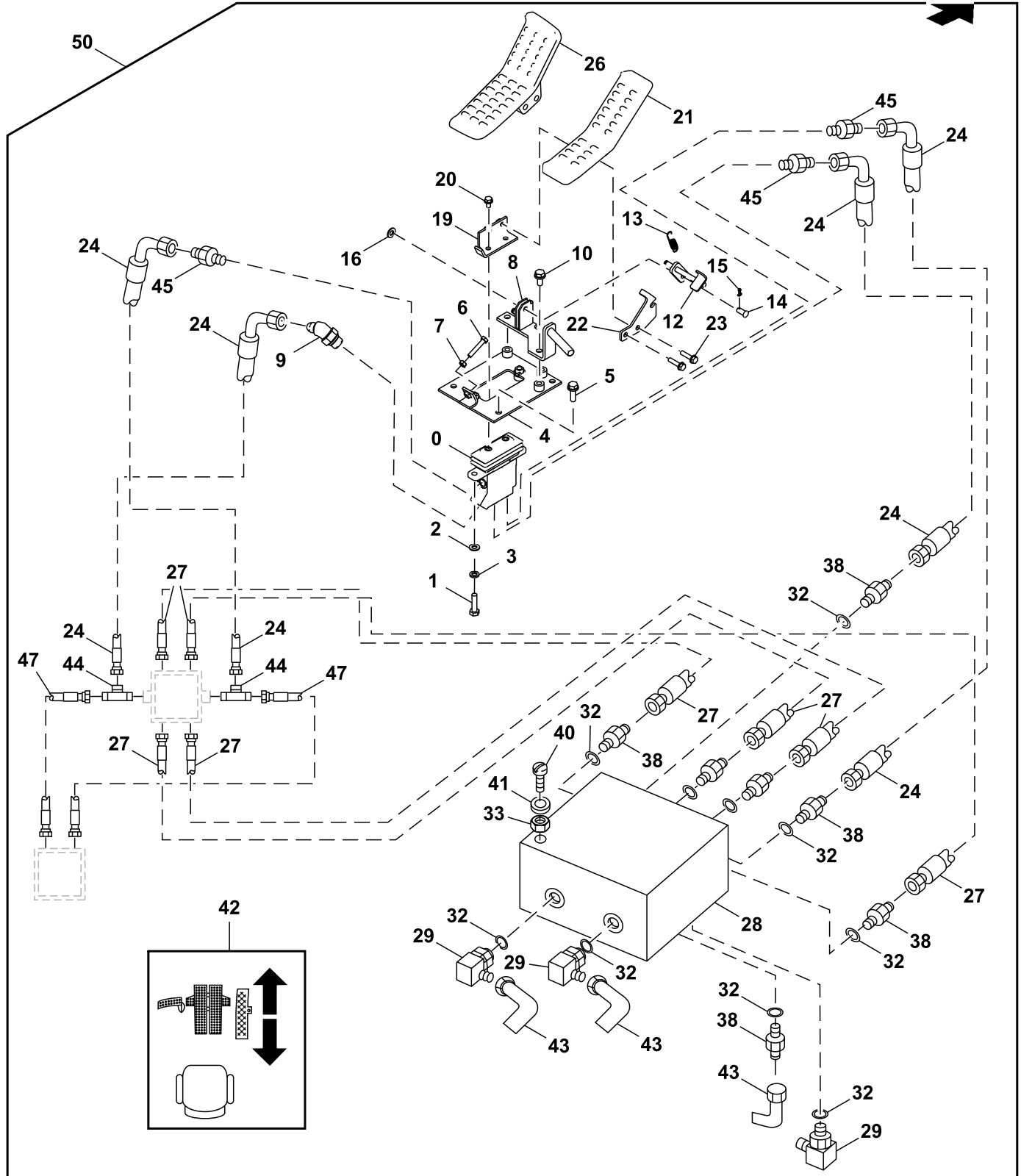


TX1117470

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	4484254	Hose	1		
1	FYA00001343	Hose	1		
2	FYA00013755	Hose	1		
3	FYA00013756	Hose	1		
4	A852123	Adapter Fitting	2		INCLUDES 957366
	957366	O-Ring	1		
5	A852323	Elbow Fitting	1		INCLUDES 957366
	957366	O-Ring	1		
6	A852233	Elbow Fitting	1		INCLUDES 4297380
	4297380	O-Ring	1		SUB FOR 4622346 AND 4509180
7	A852433	Tee Fitting	2		INCLUDES 4297380
	4297380	O-Ring	1		SUB FOR 4622346 OR 4509180
8	T32854	Clamp	1		SUB FOR 4190282
9	.....	Screw With Washer	1		J271025 NLA
	19M7402	Cap Screw	1		M10 X 25
	24M7346	Washer	1		11 X 20 X 2 mm
10	H77698	Tie Band	1		SUB FOR 4055312
90	AT423039	Field Installation Kit	1		NLA, Whole Goods, Additional Components On Separate Pages

Single Pedal Propel Kit

TX1163386 C.2



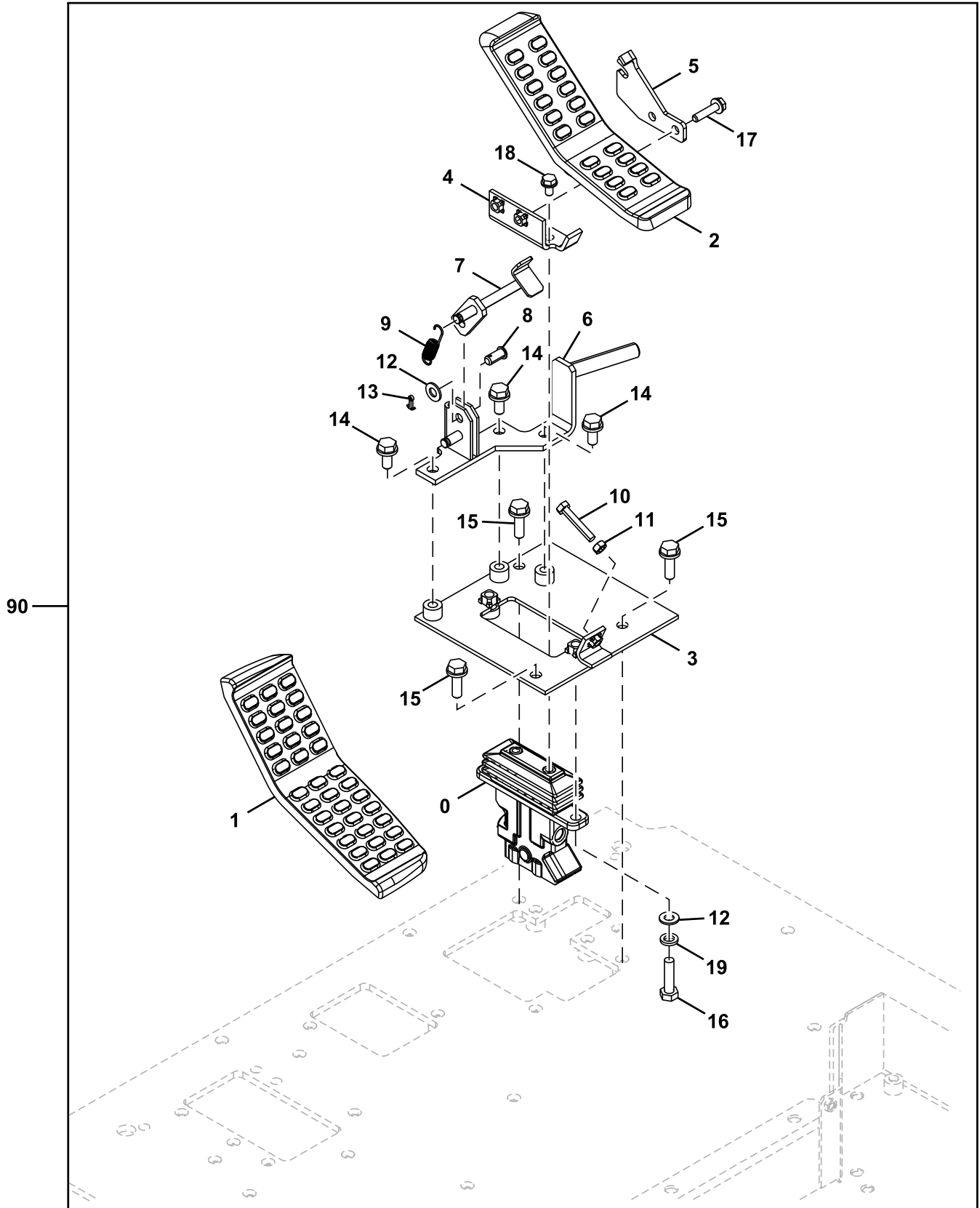
TX1163386

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	FYB6000024	Hyd Actuated Control Valve	1		Components On Separate Page
1	19M7358	Cap Screw	2		M10 X 40, SUB FOR J901040
2	24M7028	Washer	2		10.500 X 20 X 2 mm, SUB FOR A590110
3	12M7066	Lock Washer	2		10 mm, SUB FOR A590910
4	8101299	Bracket	1		
5	.....	Screw With Washer	3		J271035 NLA
	J901035	Cap Screw	3		
	24M7346	Washer	3		11 X 20 X 2 mm, SUB FOR J222010
6	4317640	Bolt	1		
7	14M7273	Nut	1		M8, SUB FOR M500807
8	8106893	Bracket	1		
9	A852233	Elbow Fitting	1		
10	.....	Screw With Washer	3		J271025 NLA
	19M7402	Cap Screw	3		M10 X 25, SUB FOR J901025
	24M7346	Washer	3		11 X 20 X 2 mm, SUB FOR J222010
12	9766166	Stop	1		
13	4279604	Spring	1		
14	4287795	Pin	1		
15	11M7080	Cotter Pin	1		2.500 X 16 mm, SUB FOR A763016
16	24M7028	Washer	1		10.500 X 20 X 2 mm, SUB FOR A590110
19	9765447	Bracket	1		
20	.....	Screw With Washer	2		J260816 NLA
	19M7162	Cap Screw	2		M8 X 16
	24M7055	Washer	2		8.400 X 16 X 1.600 mm
21	1033219	Pedal	1		Left
22	4660755	Plate	1		
23	.....	Screw With Washer	2		J260835 NLA
	19M7298	Cap Screw	2		M8 X 35
	24M7055	Washer	2		8.400 X 16 X 1.600 mm
24	AT71082	Hydraulic Hose	4		Fabricate
26	3106855	Pedal	1		Right
27	AT215538	Hydraulic Hose	4		Fabricate
28	AT170459	Hyd Actuated Control Valve	1		
29	AT35121	Elbow Fitting	3		
32	R26448	O-Ring	10		
33	14M7298	Flange Nut	4		M8
38	R27212	Fitting	7		
40	19M7296	Cap Screw	4		M8 X 100, SUB FOR J900800
41	24M7055	Washer	4		8.400 X 16 X 1.600 mm, SUB FOR A590108
42	T153674	Label	1		Without Auxiliary
	T153676	Label	1		With Auxiliary
43	AE24616	Elbow Fitting	3		
44	AT36921	Tee Fitting	2		
45	A852123	Adapter Fitting	3		
47	AT216983	Hydraulic Hose	2		Fabricate
50	<b>AT390776</b>	<b>Field Installation Kit</b>	<b>1</b>		<b>Whole Goods</b>



Two-Way Hydraulic Foot Pedal Control Kit

TX1116218 B.1



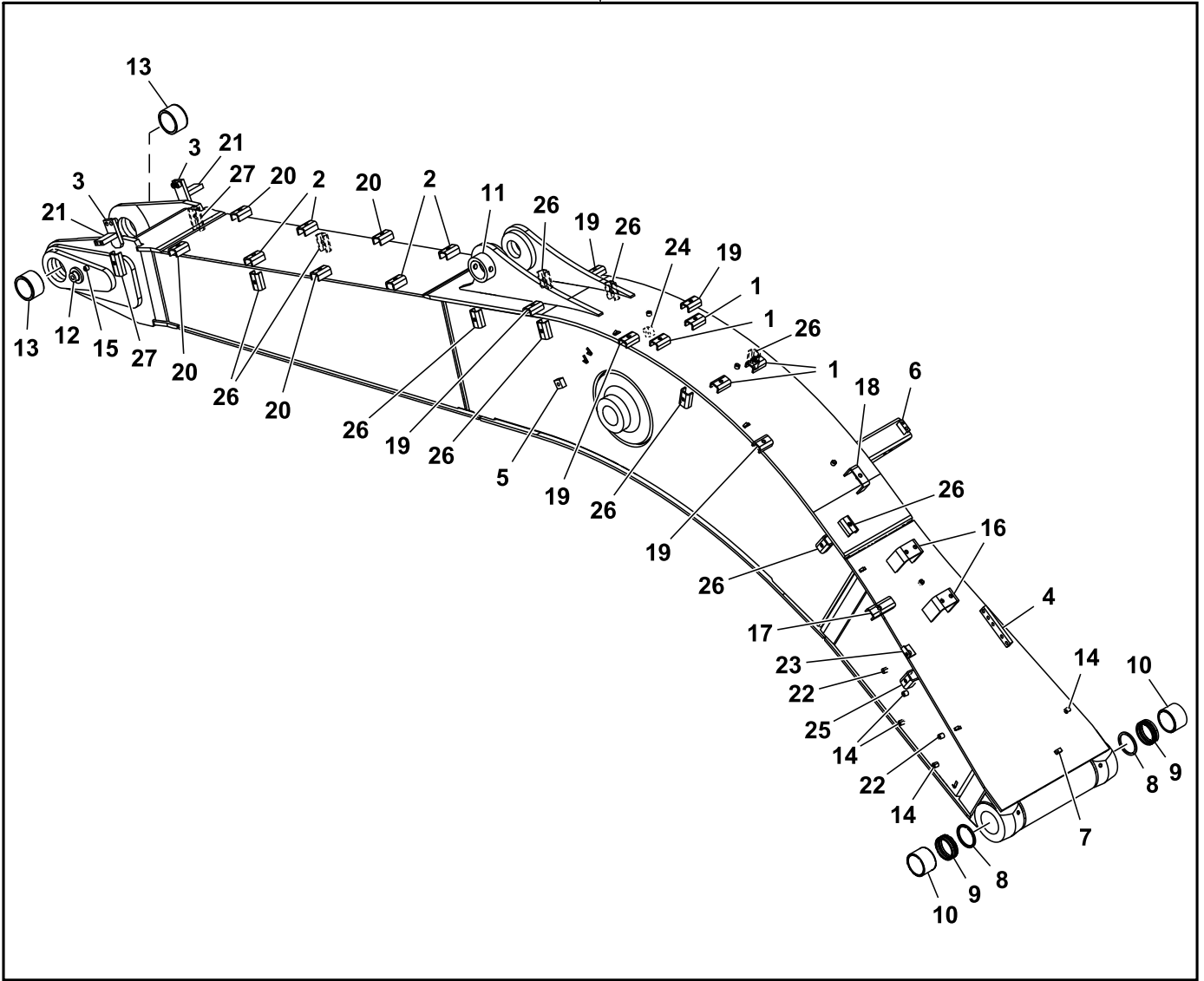
TX1116218

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	FYB6000024	Hyd Actuated Control Valve	1		Auxiliary Pilot Control Valve, Components Listed On Separate Page
1	3106855	Pedal	1		Left Right
2	1033219	Pedal	1		
3	8113916	Bracket	1		
4	9765447	Bracket	1		
5	4660755	Plate	1		
6	8106893	Bracket	1		
7	9766166	Stop	1		
8	4287795	Pin	1		
9	4279604	Spring	1		
10	4317640	Bolt	1		
11	14M7273	Nut	1		M8, SUB FOR M500807
12	24M7028	Washer	3		10.500 X 20 X 2 mm, SUB FOR A590110
13	11M7080	Cotter Pin	1		2.500 X 16 mm, SUB FOR A763016
14	.....	Screw With Washer	3		J271025 NLA
	19M7402	Cap Screw	3		M10 X 25, J271025 NLA
	24M7346	Washer	3		11 X 20 X 2 mm
15	.....	Screw With Washer	3		J271035 NLA
	19M7550	Cap Screw	3		M10 X 35, J271035 NLA, SUB FOR J901035
	24M7346	Washer	3		11 X 20 X 2 mm, SUB FOR J222010
16	19M7358	Cap Screw	2		M10 X 40, SUB FOR J901040
17	.....	Screw With Washer	2		J260835 NLA
	19M7298	Cap Screw	2		M8 X 35
	24M7055	Washer	2		8.400 X 16 X 1.600 mm
18	.....	Screw With Washer	2		J260816 NLA
	19M7162	Cap Screw	2		M8 X 16
	24M7055	Washer	2		8.400 X 16 X 1.600 mm
19	12M7066	Lock Washer	2		10 mm, SUB FOR A590910
90	AT423039	Field Installation Kit	1		NLA, Whole Goods, Additional Components Listed On Separate Pages

Standard Boom With Assist

TX1212203 B.1

0

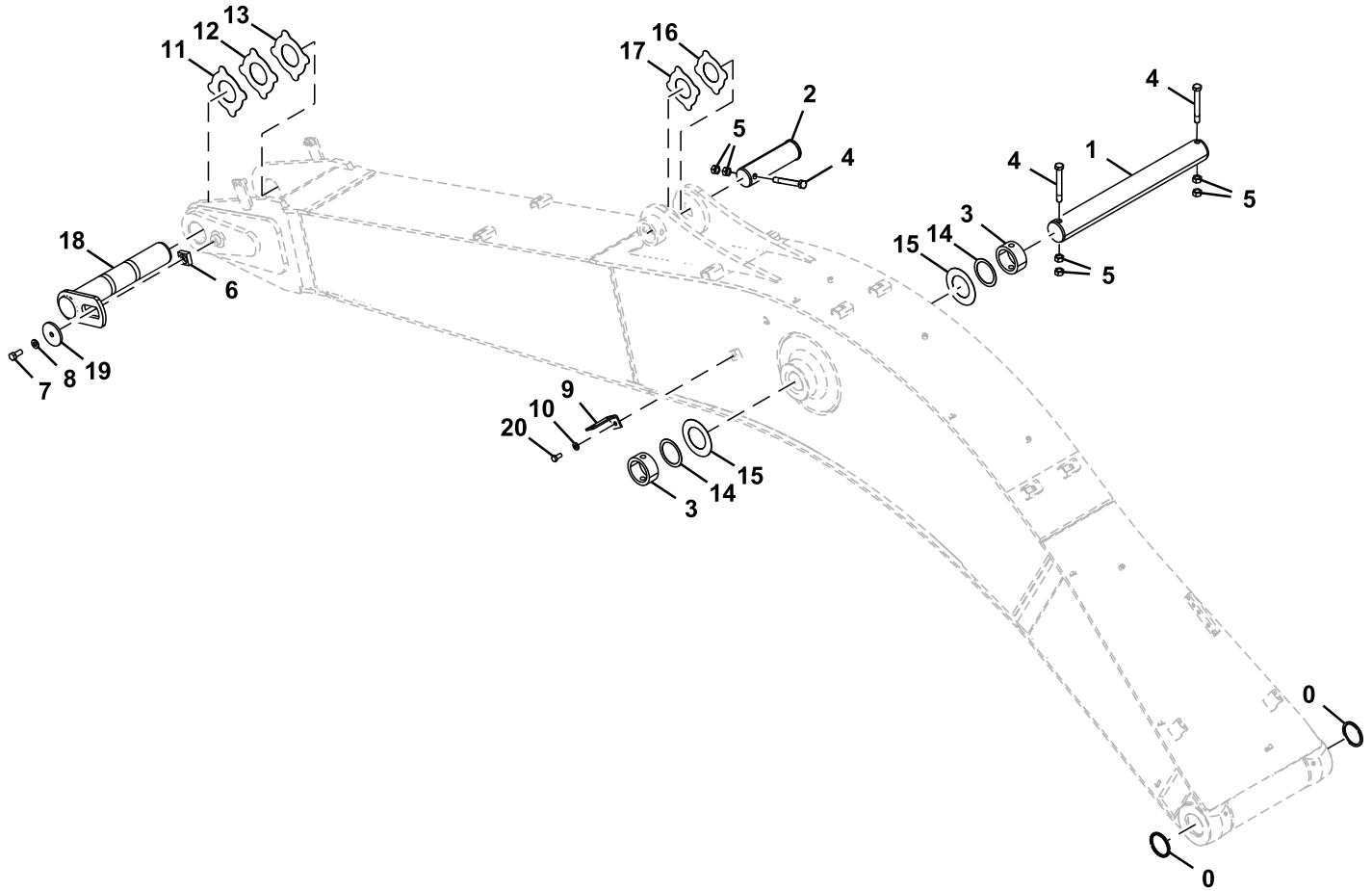


TX1212203

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	FYA40020149H	Main Boom	1		FYA40020149 NLA
1	9771315	Screw	4		SUB FOR 9765301
2	9765653R	Weld Nut	4		SUB FOR 9765653
3	9772098	Bracket	2		
4	4624799	Block Clamp	1		
5	4644727	Weld Nut	1		
6	.....	Bracket	1		FYA40007083 NLA
7	455156	Plate	1		
8	TH102445	Seal	2		SUB FOR 4067901
9	4723760	Bushing	2		
10	4723759	Bushing	2		
11	4434953	Stop	1		
12	4426117	Stop	1		
13	4692692	Bushing	2		
14	4334431	Screw	4		
15	4609532	Nut	1		
16	.....	Weld Nut	2		FYA40003094 NLA
17	9764957	Weld Nut	1		
18	FYA40000326	Screw	1		
19	9771315	Screw	5		SUB FOR 9765301
20	9765653R	Weld Nut	4		SUB FOR 9765653
21	4710820	Bracket	2		
22	4334431	Screw	2		
23	.....	Weld Nut	1		9763895 NLA
24	4644727	Weld Nut	1		
25	9763817	Weld Nut	1		
26	9771315	Screw	10		SUB FOR 9765301
27	9764929	Weld Nut	2		

Boom Pins and Bushings

TX1117111 A.1

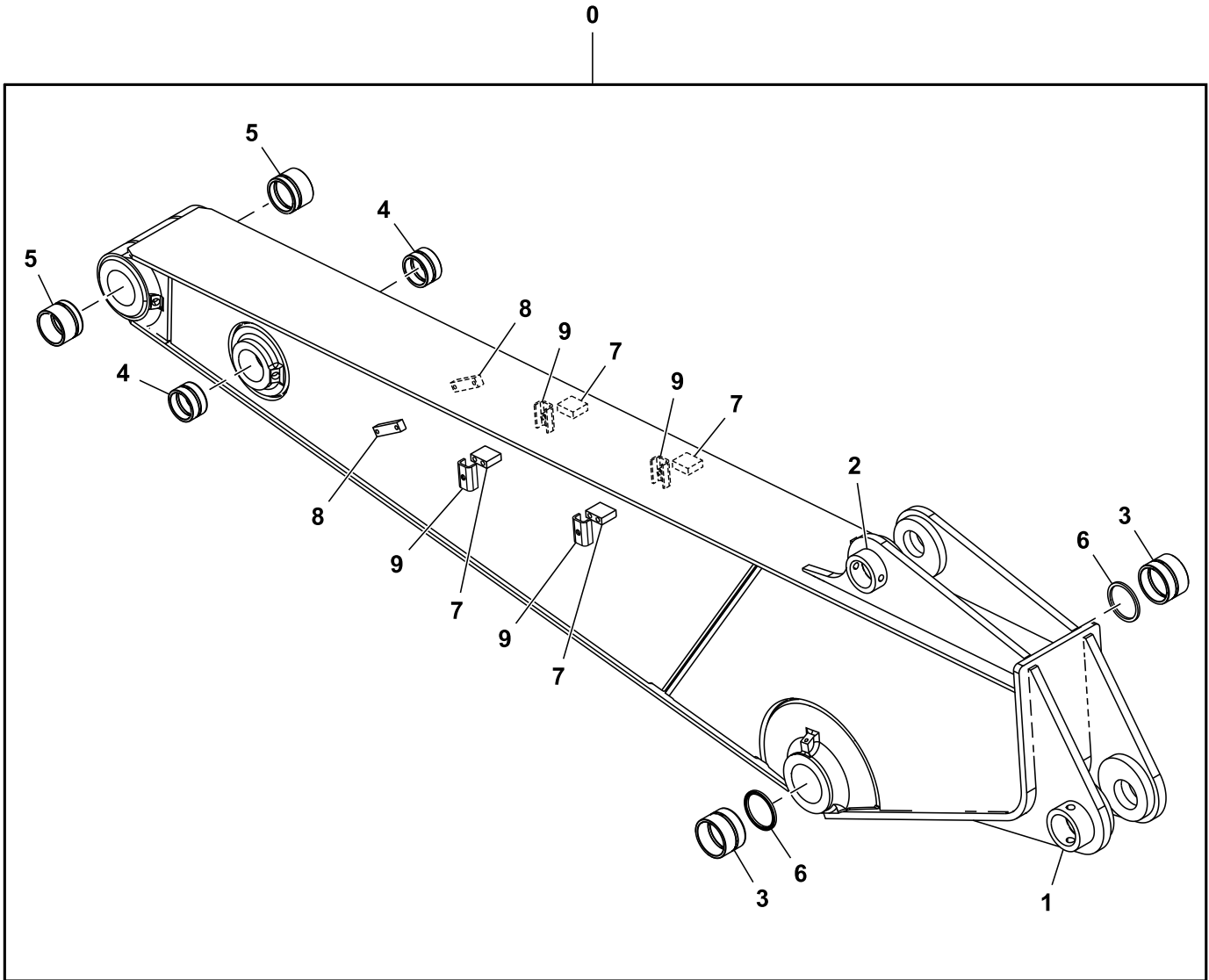


TX1117111

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	TH102445	Seal	2		SUB FOR 4067901
1	3088574	Pin	1		
2	3088575	Pin	1		
3	TH102409	Bushing	2		SUB FOR 4067720
4	4435126	Pin Fastener	3		
5	14M7277	Nut	6		M20, SUB FOR J950020
6	4424425	Spacer	1		
7	T116332	Bolt	1		SUB FOR J921840
8	24M7353	Washer	1		20 X 34 X 3 mm, SUB FOR J222018
9	4224631	Angle	1		
10	J222014	Washer	1		
11	4706696	Plate	1		
12	4713231	Plate	1		
13	4470744	Thrust Washer	1		SUB FOR 4444285
14	4444755	Thrust Washer	2		
15	4476062	Thrust Washer	2		SUB FOR 4450013
16	4444286	Thrust Washer	1		
17	4444287	Thrust Washer	1		
18	8102957	Pin	1		
19	4640621	Plate	1		
20	19M7877	Cap Screw	1		M14 X 30, SUB FOR J901430

Standard Arm 2.42 m (7.8 ft)

TX1210854 A.1



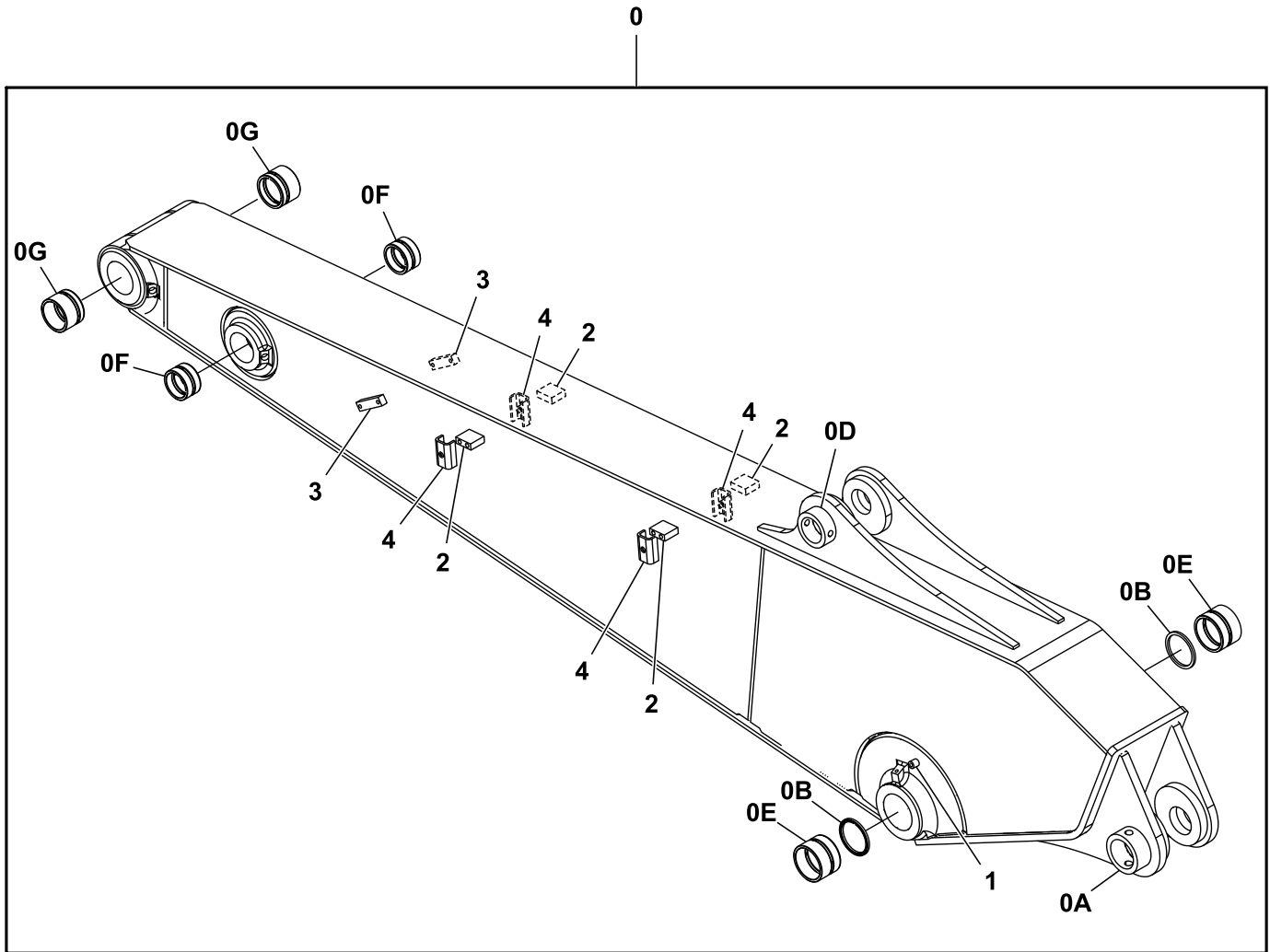
TX1210854

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	FYA40006479H	Arm	1		FYA40006479 NLA
1	4434953	Stop	1		
2	4435239	Stop	1		
3	4443881	Bushing	2		
4	4409122	Bushing	2		
5	4409178	Bushing	2		
6	TH102445	Seal	2		SUB FOR 4067901
7	4710817	Weld Nut	4		
8	4429829	Weld Nut	2		
9	9771315	Screw	4		SUB FOR 9765301



Long Arm 2.91 m (9.5 ft)

TX1212229 A.1

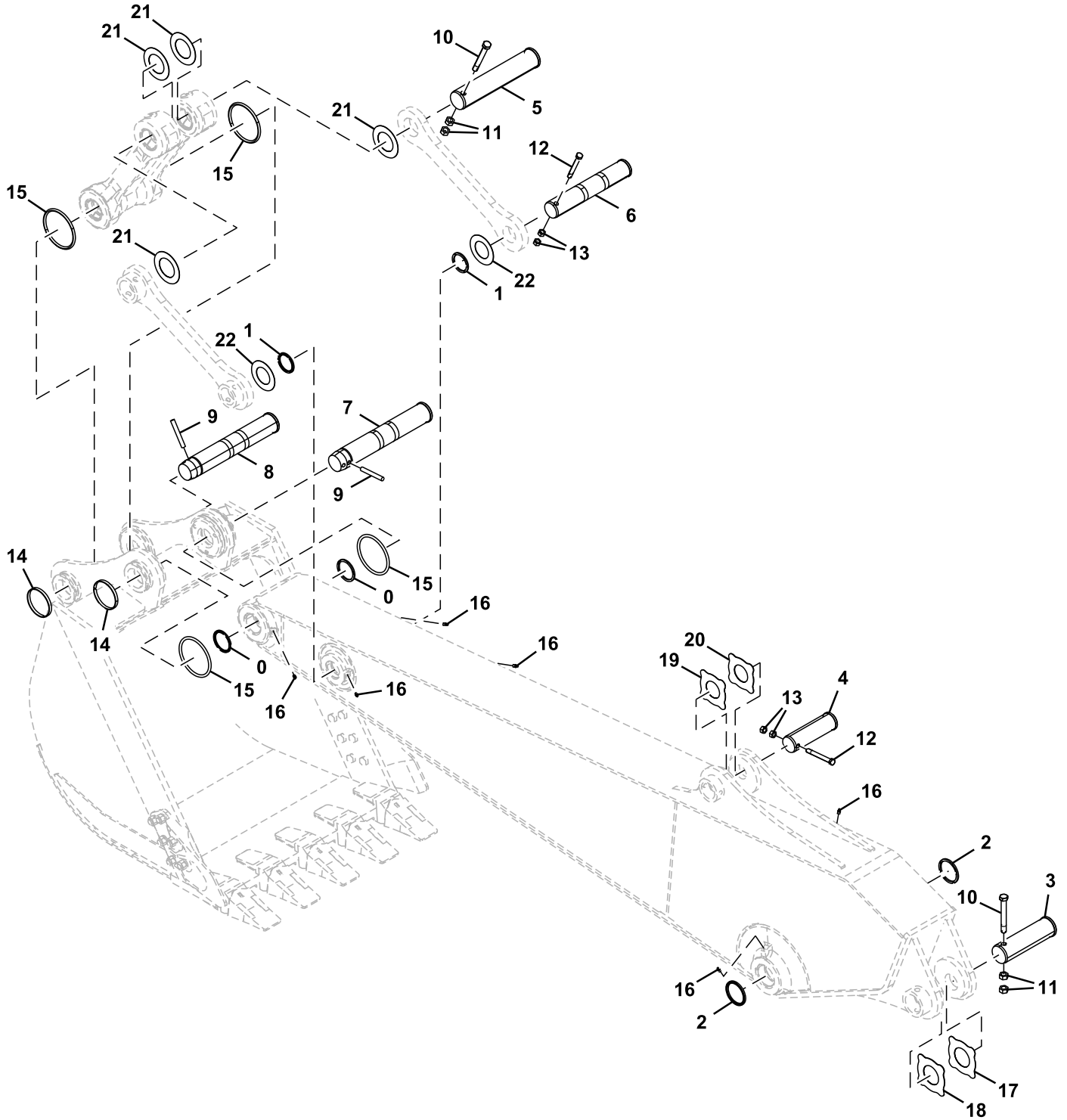


TX1212229

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	FYA40011507H	Arm	1		FYA40011507
0A	4434953	Stop	1		
0B	TH102445	Seal	2		SUB FOR 4067901
0D	4435239	Stop	1		
0E	4443881	Bushing	2		
0F	4409122	Bushing	2		
0G	4409178	Bushing	2		
1	4334431	Screw	1		
2	4710817	Weld Nut	4		
3	4429829	Weld Nut	2		
4	9771315	Screw	4		SUB FOR 9765301

Arm Pins And Bushings, 2.91m

TX1117113 A.1

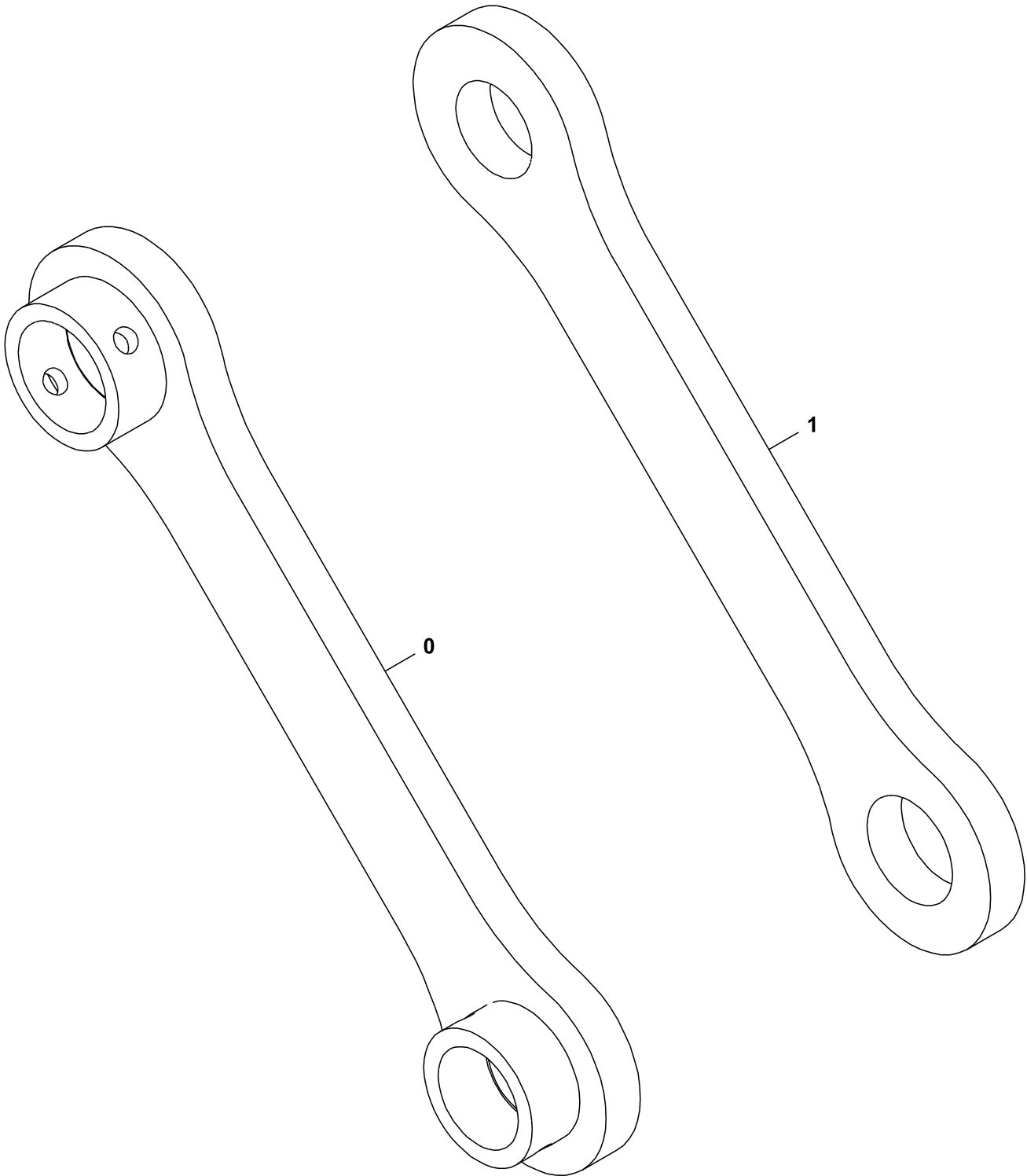


TX1117113

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	TH102446	Seal	2		SUB FOR 4067902
1	TH104472	Seal	2		SUB FOR 4084578
2	TH102445	Seal	2		SUB FOR 4067901
3	3088575	Pin	1		
4	3088578	Pin	1		
5	AT317252	Pin	1		SUB FOR 3088581
6	3088579	Pin	1		
7	3088577	Pin	1		
8	3088580	Pin	1		
9	4454560	Pin Fastener	2		
10	4435126	Pin Fastener	2		
11	14M7277	Nut	4		M20, SUB FOR J950020
12	4435124	Pin Fastener	2		
13	14M7276	Nut	4		M16, SUB FOR J950016
14	4454561	Bushing	2		
15	4089028	O-Ring	4		Standard O-Ring
	AT349466	Seal	4		Split O-Ring
	T379473	V-Ring Seal	4		V O-Ring
16	TH100074	Lubrication Fitting	6		SUB FOR J75481
17	4444286	Thrust Washer	1		
18	4444287	Thrust Washer	1		
19	4444288	Thrust Washer	1		
20	4361294	Plate	1		SUB FOR 4444289
21	4450012	Thrust Washer	4		
22	4450011	Thrust Washer	2		

Arm Link

TX1117896 B.1



TX1117896

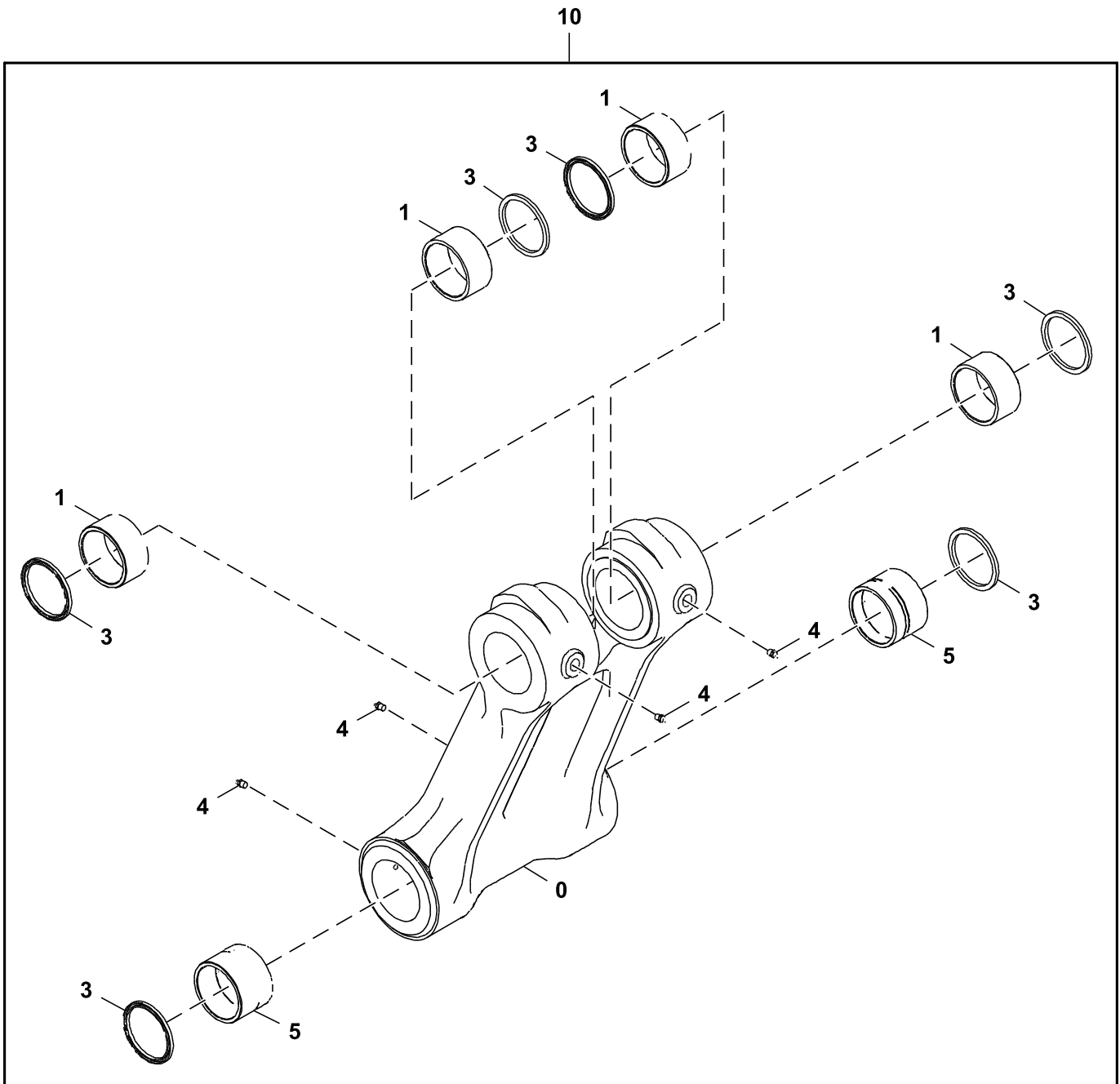
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Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	8074315H	Link	1		Left
1	3084173H	Link	1		Right

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Bucket Link

TX1117895 B.1



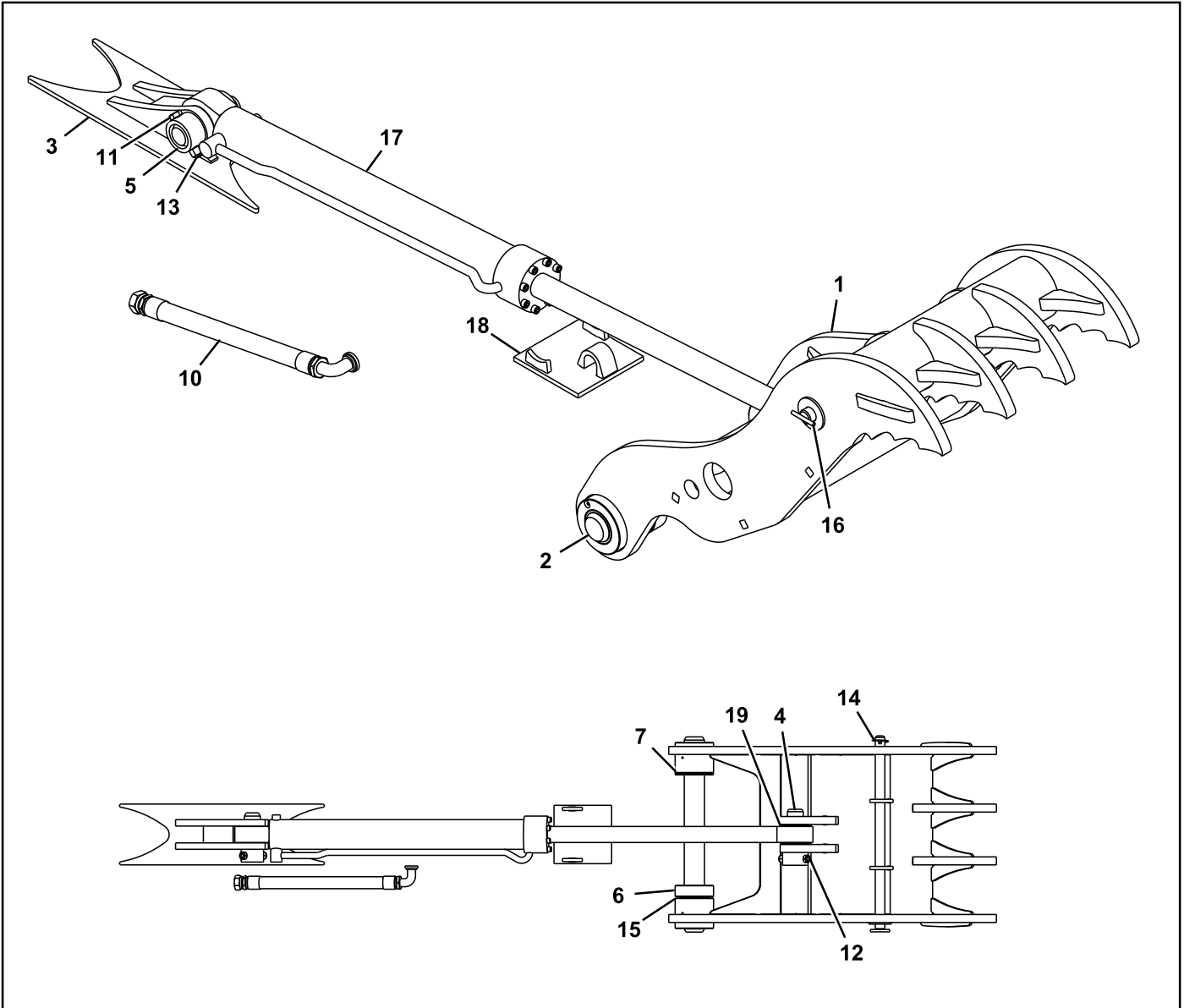
TX1117895

<i>Key</i>	<i>Part No.</i>	<i>Part Name</i>	<i>Qty.</i>	<i>Serial No.</i>	<i>Remarks</i>
0	.....	Link	1		1027222 NSEP
1	4352398	Bushing	4		
3	TH102446	Seal	6		SUB FOR 4067902
4	J75481	Fitting	4		
5	4443882	Bushing	2		
10	FF550043H	Link	1		Bucket Link, SUB FOR 8076541H8076541

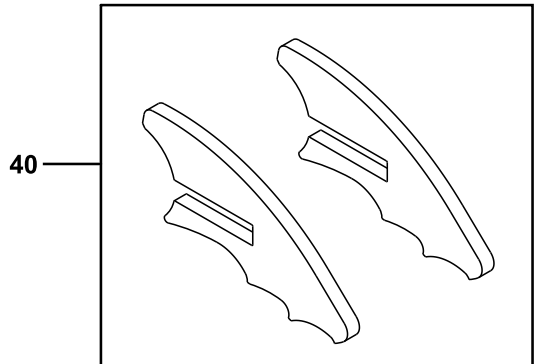


Direct Hydraulic Thumb Kit (Kits Built 28 June 2010- )

TX1077154 C.1



0

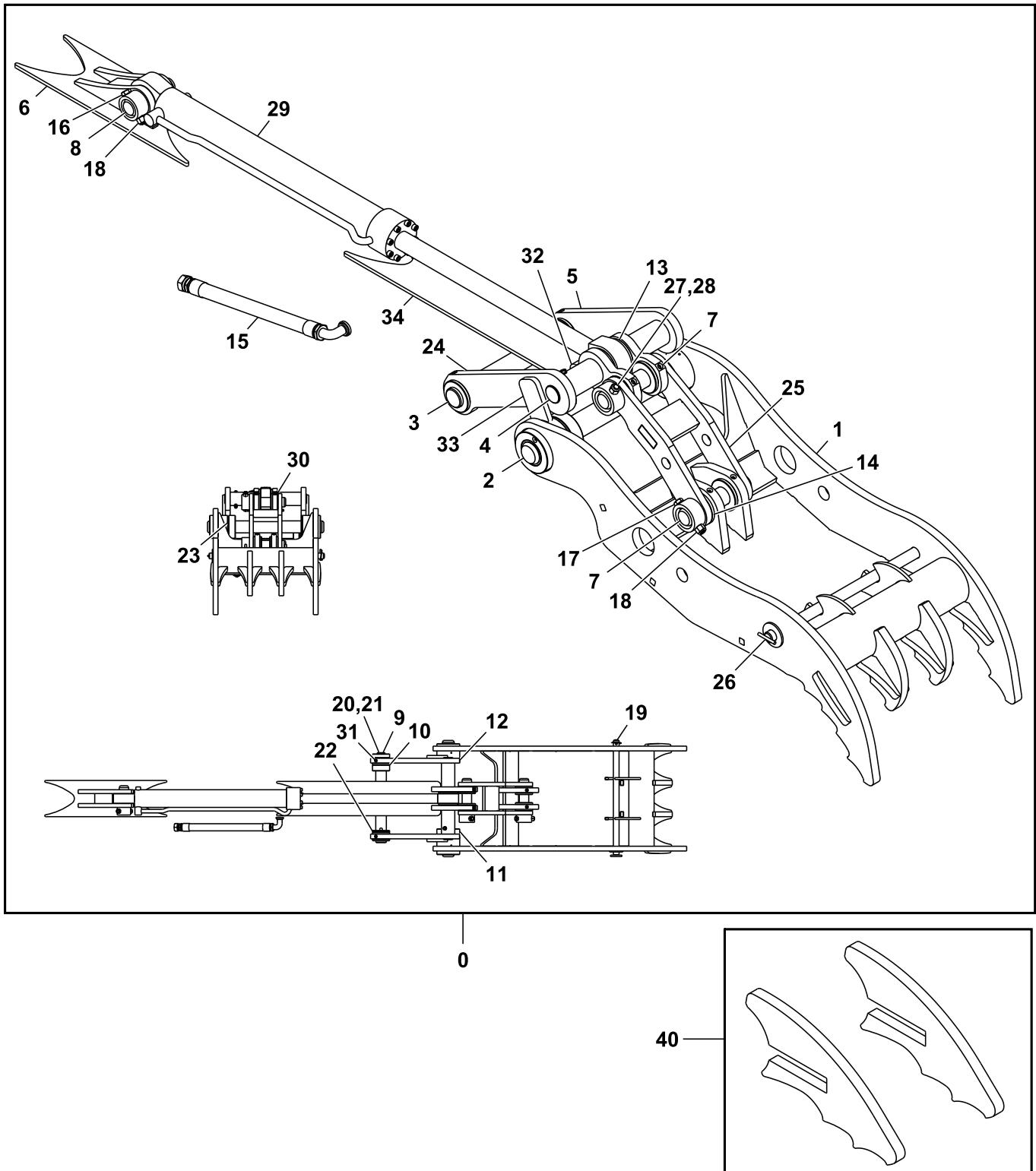


TX1077154

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	AT379648	Field Installation Kit	1		Without Coupler, Whole Goods
	AT379649	Field Installation Kit	1		With Coupler, Whole Goods
1	.....	Clamp	1		NSEP
2	AT387237	Pin	1		
3	.....	Bracket	1		NSEP
4	T276467	Pin	1		
5	T229481	Pin	1		
6	.....	Spacer	1		NSEP
7	.....	Spacer	1		NSEP
10	AT339692	Hydraulic Hose	1		
11	19H2826	Cap Screw	1		3/4" X 4-1/2"
12	19H3105	Cap Screw	1		3/4" X 5"
13	14H1058	Nut	2		3/4"
14	T276470	Spring Locking Pin	1		
15	T229509	Shim	6		
16	AT383426	Pin	1		
17	AT383236	Hydraulic Cylinder	1		Components On Separate Page, ALSO ORDER AT383237
	AT383237	Seal Kit	1		
18	.....	Stop	1		NSEP
19	T229515	Shim	14		
40	AT389295	Plate Kit	1		For Use With Hydraulic Thumb Kit With Coupler, Whole Goods

Progressive Hydraulic Thumb Kit (Kits Built 28 June 2010 - )

TX1077186 C.1

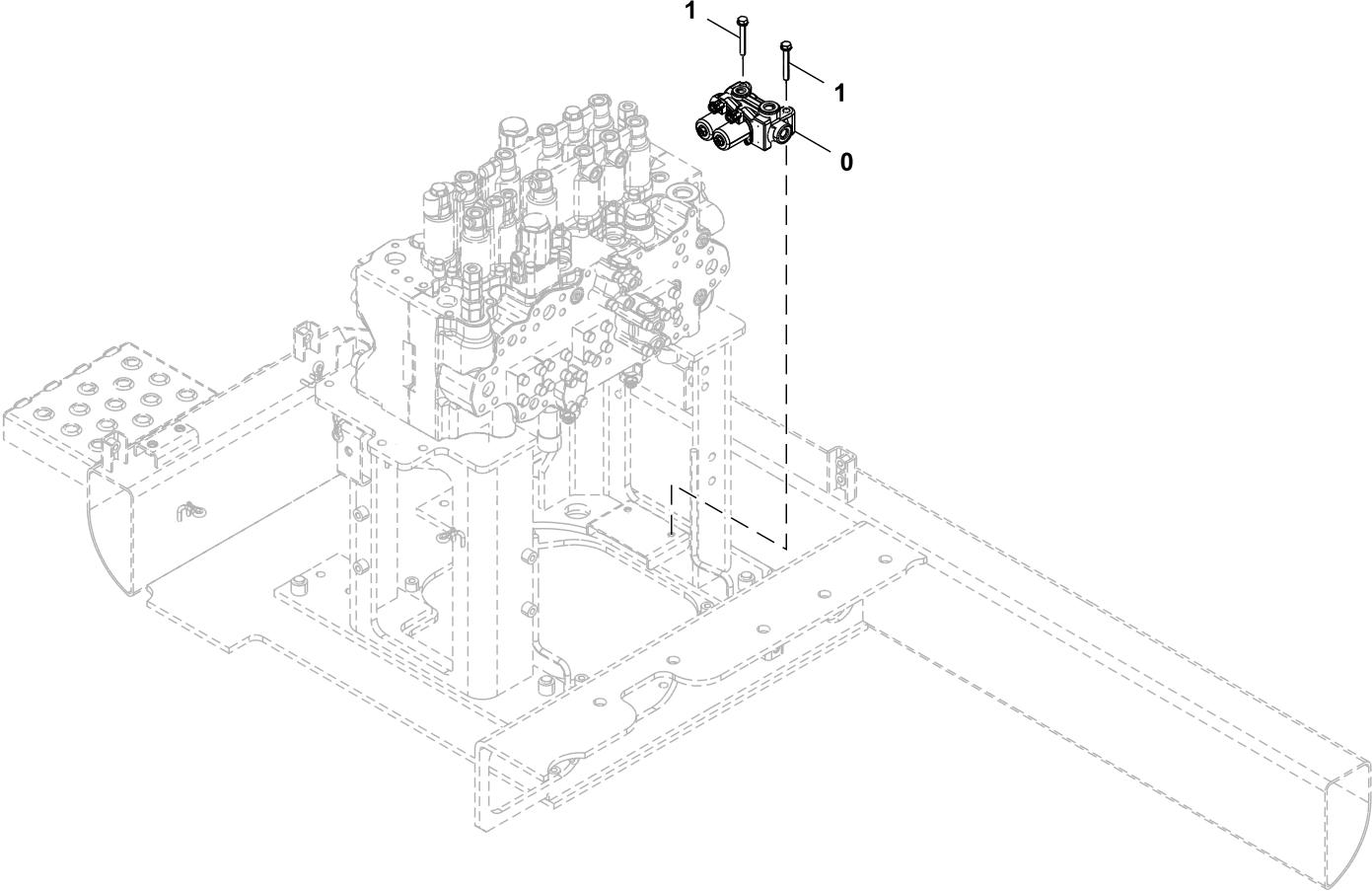


TX1077186

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	AT379650	Field Installation Kit	1		Without Coupler, Whole Goods
	AT379651	Field Installation Kit	1		With Coupler, Whole Goods
1	.....	Clamp	1		NSEP
2	AT387237	Pin	1		
3	AT383862	Pin	1		
4	T277101	Pin	1		
5	AT383883	Link	1		
6	.....	Bracket	1		NSEP
7	T277102	Pin	2		
8	T229481	Pin	1		
9	T229312	Cap	1		
10	.....	Spacer	1		NSEP
11	.....	Spacer	1		NSEP
12	T276469	Spacer	1		
13	T229499	Thrust Washer	2		
14	T276673	Spacer	2		
15	AT342742	Hydraulic Hose	1		
16	19H2826	Cap Screw	1		3/4" X 4-1/2"
17	19H3105	Cap Screw	2		3/4" X 5"
18	14H1058	Nut	3		3/4"
19	T276470	Spring Locking Pin	1		
20	19H2633	Cap Screw	3		3/8" X 1-1/2"
21	12H304	Lock Washer	3		3/8"
22	T229330	Shim	10		
23	T229509	Shim	6		
24	AT383885	Link	1		
25	AT383886	Link	1		
26	AT383426	Pin	1		
27	12H301	Lock Washer	1		1/2"
28	19H3544	Cap Screw	1		1/2" X 4-1/2"
29	AT383236	Hydraulic Cylinder	1		Components On Separate Page, ALSO ORDER AT383237
	AT383237	Seal Kit	1		
30	T229515	Shim	7		
31	JD7759	Lubrication Fitting	4		
32	U16721	Lock Nut	1		
33	T277117	Stop	2		
34	.....	Stop	1		NSEP
40	AT389295	Plate Kit	1		For Use With Hydraulic Thumb Kit With Coupler, Whole Goods

Solenoid Valve Manifold, Two Spool

TX1115958 B.1

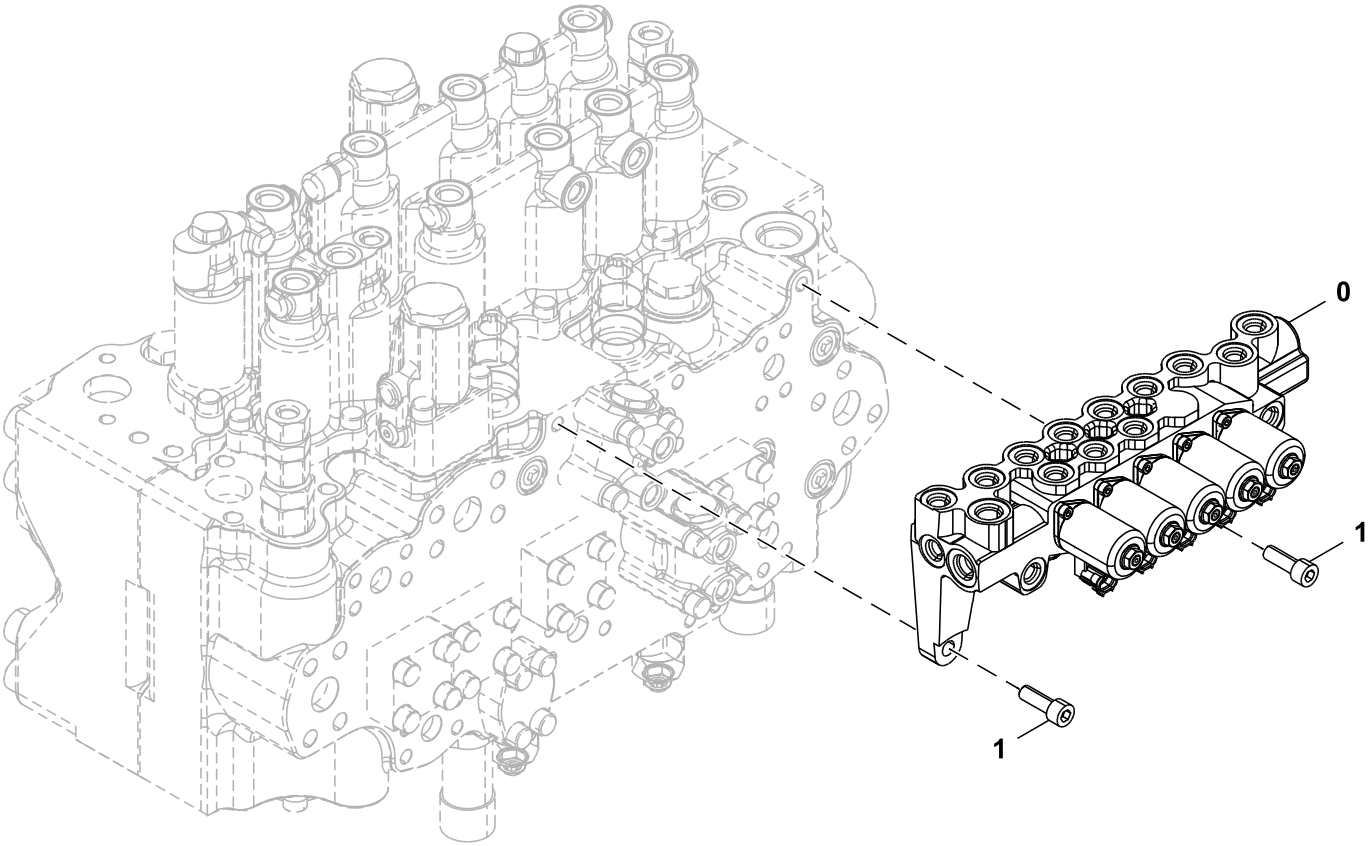


TX1115958

<i>Key</i>	<i>Part No.</i>	<i>Part Name</i>	<i>Qty.</i>	<i>Serial No.</i>	<i>Remarks</i>
0	9316550	Solenoid Valve	1		Two Spool, Components Listed On Another Page
1	.....	Screw With Washer	2		J260860 NLA
	19M6451	Cap Screw	2		M8 X 60, SUB FOR J900860
	24M7055	Washer	2		8.400 X 16 X 1.600 mm, SUB FOR A590108

Solenoid Valve Manifold, Five Spool

TX1115959 B.1



TX1115959

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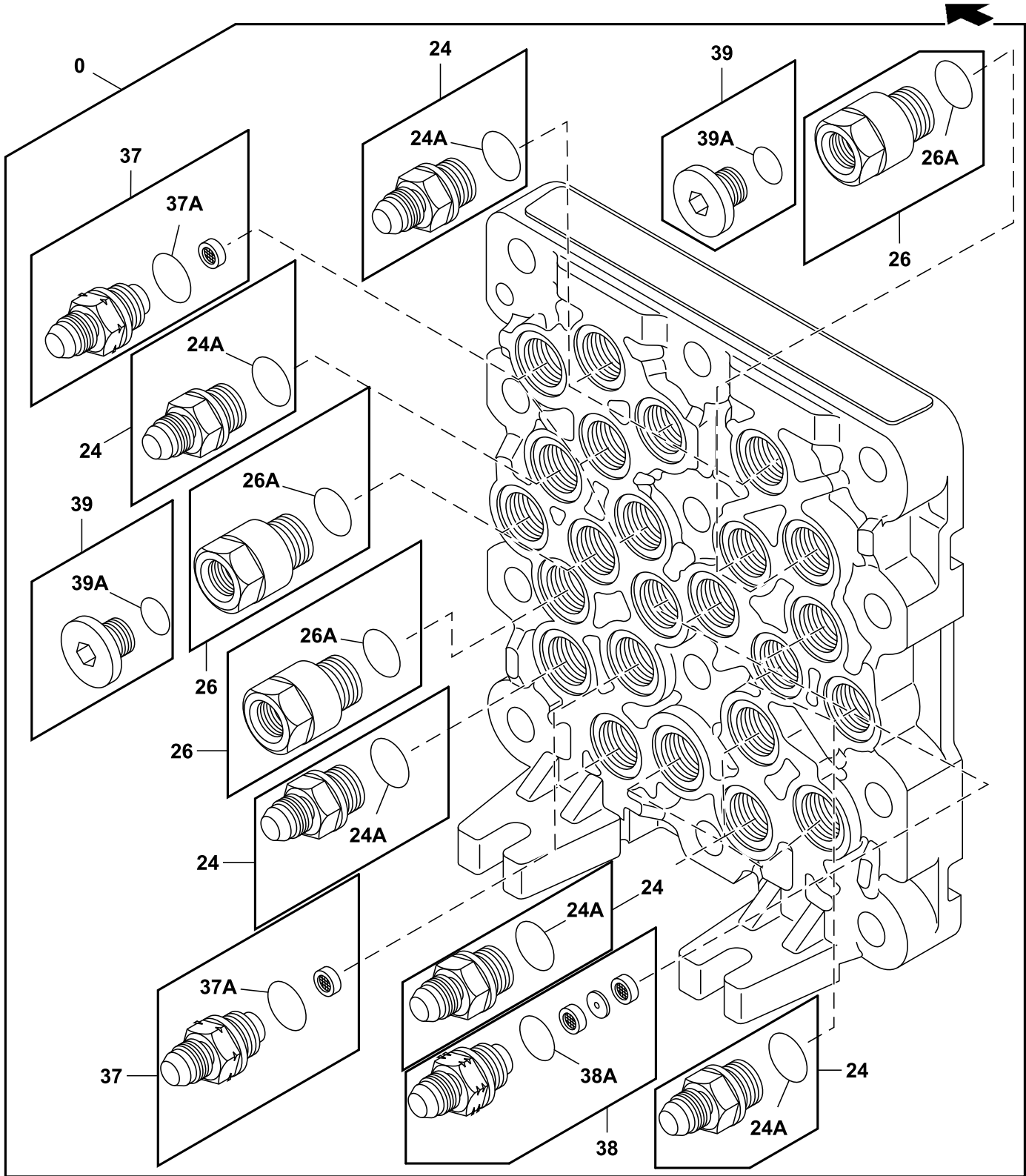
<i>Key</i>	<i>Part No.</i>	<i>Part Name</i>	<i>Qty.</i>	<i>Serial No.</i>	<i>Remarks</i>
0	9316549	Solenoid Valve	1		Five Spool, Components Listed On Another Page
1	19M7576	Screw	2		M10 X 30, SUB FOR J781030

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Pilot Signal Manifold, Pilot Controller Side

TX1115937 C.1

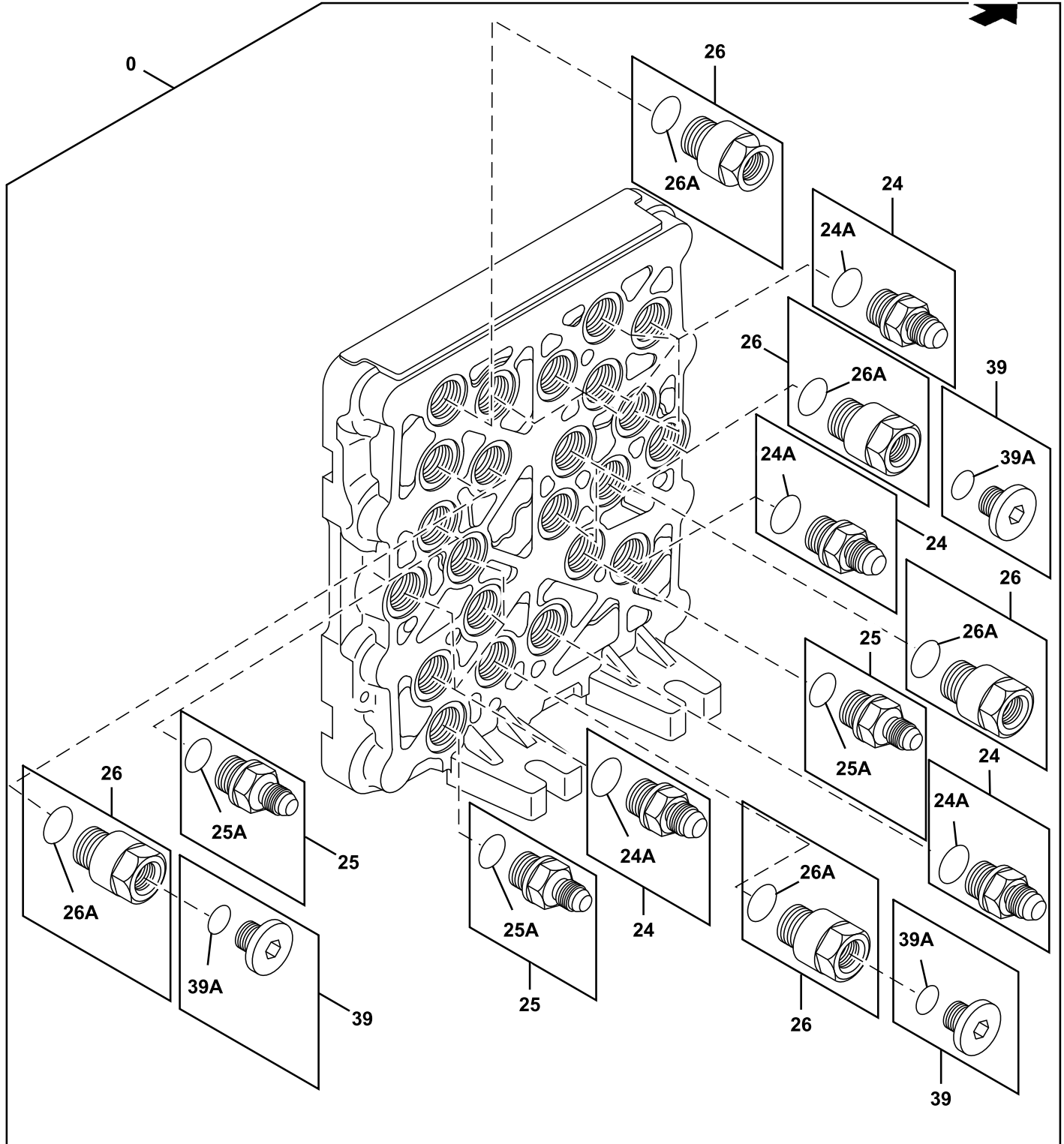


TX1115937

<i>Key</i>	<i>Part No.</i>	<i>Part Name</i>	<i>Qty.</i>	<i>Serial No.</i>	<i>Remarks</i>
0	4695888	Valve	1		Additional Components On Separate Pages
24	4451784	Adapter Fitting	11		
24A	4297380	O-Ring	1		SUB FOR 4622346 OR 4509180
26	4451786	Reducer	5		
26A	4297380	O-Ring	1		SUB FOR 4622346 OR 4509180
37	4451787	Adapter Fitting	5		
37A	4297380	O-Ring	1		SUB FOR 4622346 OR 4509180
38	4482233	Adapter Fitting	3		
38A	4297380	O-Ring	1		SUB FOR 4622346 OR 4509180
39	4451790	Pipe Plug	4		
39A	957366	O-Ring	1		

Pilot Signal Manifold, Control Valve Side

TX1115938 A.1

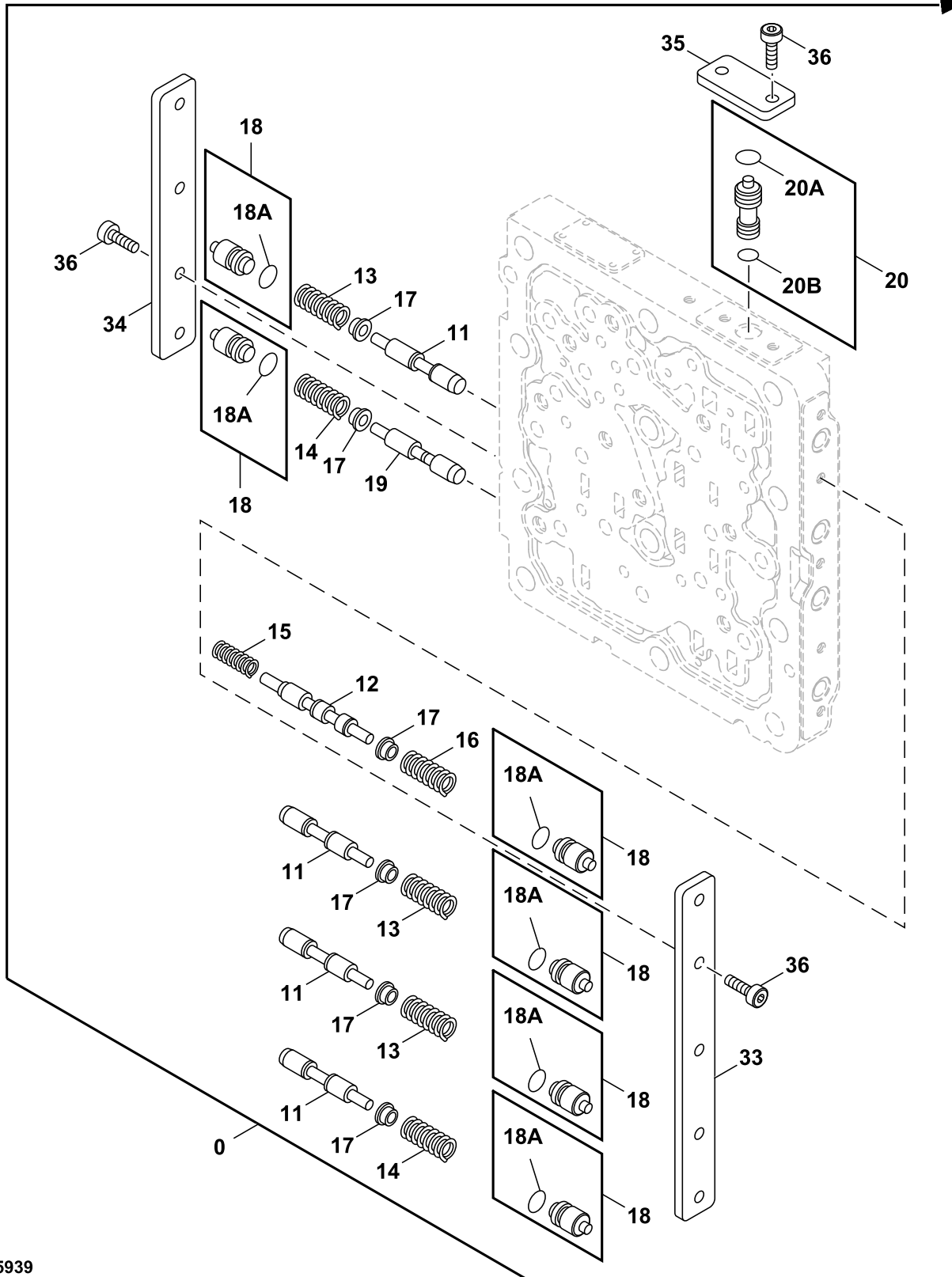


TX1115938

<i>Key</i>	<i>Part No.</i>	<i>Part Name</i>	<i>Qty.</i>	<i>Serial No.</i>	<i>Remarks</i>
0	4695888	Valve	1		Additional Components On Separate Pages
24	4451784	Adapter Fitting	12		
24A	4509180	O-Ring	1		
25	4451785	Adapter Fitting	3		SUB FOR 4451785
25A	4297380	O-Ring	1		SUB FOR 4622346 OR 4509180
26	4451786	Reducer	8		SUB FOR 4451786
26A	4509180	O-Ring	1		
39	4451790	Pipe Plug	5		SUB FOR 4451790
39A	4297380	O-Ring	1		SUB FOR 4622346 OR 957366

Pilot Signal Manifold, Valves

TX1115939 C.1

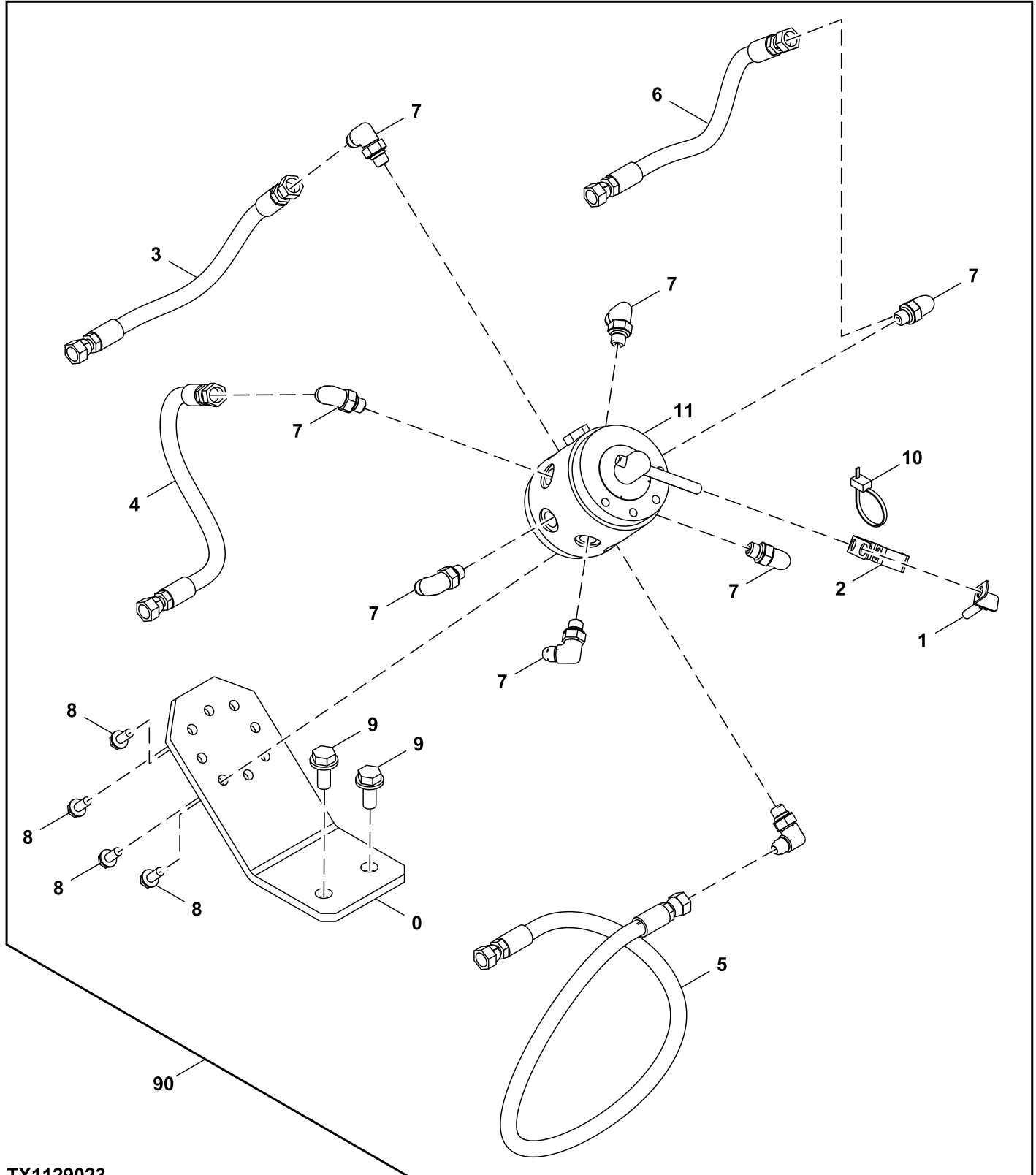


TX1115939

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	4695888	Valve	1		Additional Components On Separate Pages
11	4453819	Spool Valve	4		
12	4453820	Spool Valve	1		
13	FXB00002636	Spring	3		
14	0788704	Spring	2		
15	0788705	Spring	1		
16	0788706	Spring	1		
17	0788707	Valve Seat	6		
18	4452647	Pipe Plug	6		INCLUDES CH11560
18A	CH11560	Packing	1		SUB FOR 4140436
19	1142901	Spool	1		
20	4452648	Spool Valve	1		INCLUDES CH11560
20A	CH11560	Packing	1		SUB FOR 4140436
20B	CH10567	Packing	1		SUB FOR 992526
33	0788710	Plate	1		
34	0788711	Plate	1		
35	0788712	Plate	1		
36	FXB00001877	Bolt	10		

Mechanical Pattern Changer Kit

TX1129023 B.1



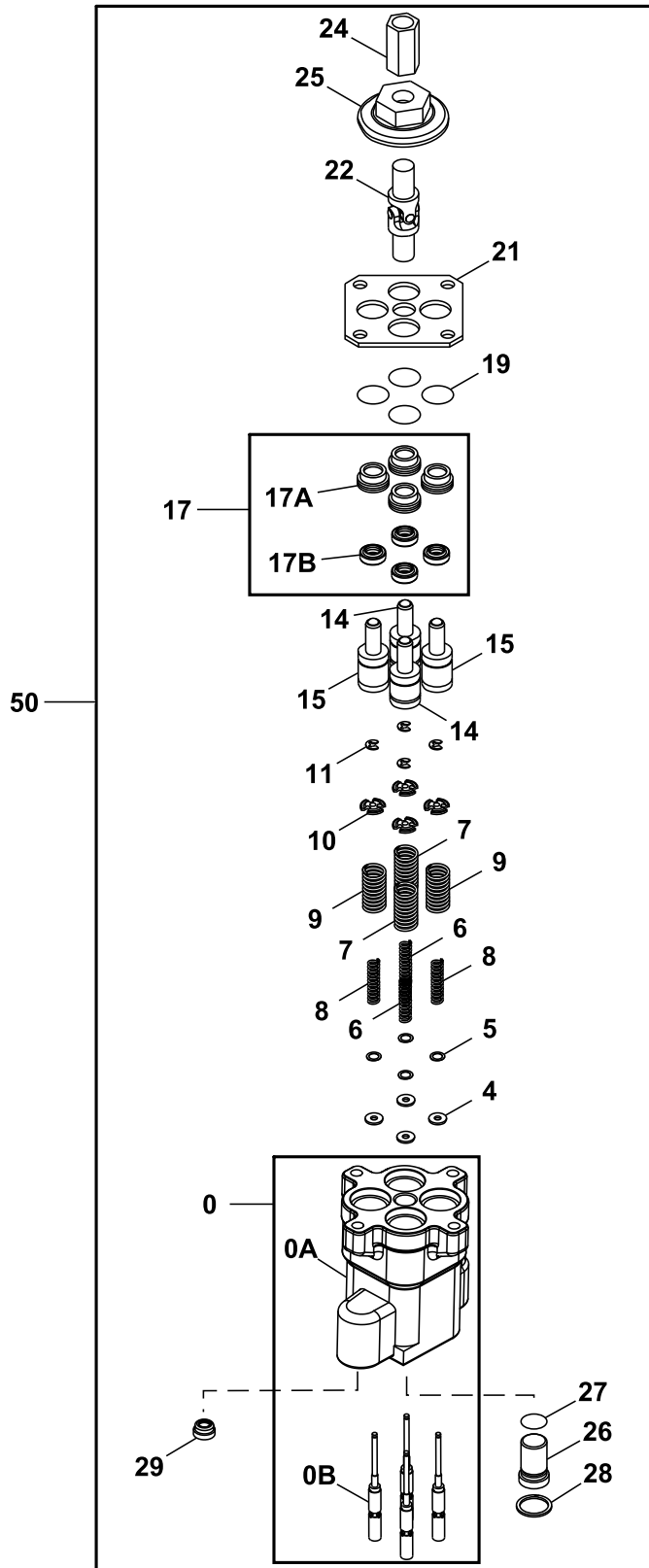
TX1129023

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	FYA00025200	Bracket	1		SUB FOR FYA00013389
1	9767321	Bracket	1		
2	4665191	Bracket	1		
3	FYA00013435	Hose	1		
4	4364346	Hose	1		
5	FYA00013436	Hose	1		
6	FYA00013437	Hose	1		M8 X 20, SUB FOR J900820
7	A852323	Elbow Fitting	8		
8	19M7881	Screw	4		
	24M7055	Washer	4		
9	19M8011	Cap Screw	2		8.400 X 16 X 1.600 mm, SUB FOR A590108
	24M7047	Washer	2		M12 X 30, SUB FOR J901230
					13 X 24 X 2.500 mm, SUB FOR A590112
10	H77698	Tie Band	1		SUB FOR 4055311
11	4612930	Valve	1		Rotary Valve, Components On Separate Page
<b>90</b>	<b>AT422581</b>	<b>Field Installation Kit</b>	<b>1</b>		<b>Whole Goods</b>



Pilot Valve (Front, Swing)

TX1115850 C.1



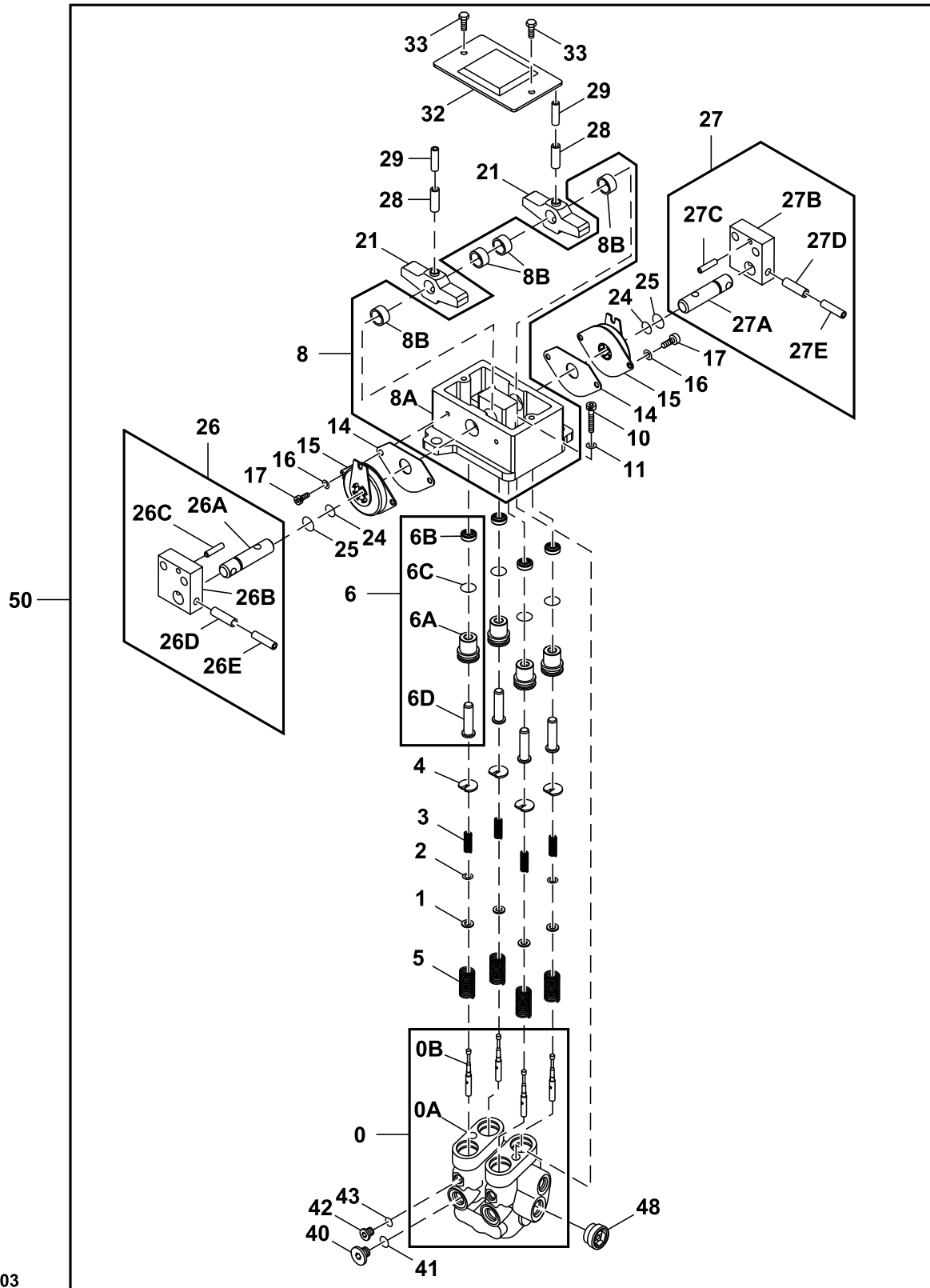
TX1115850

**33 Backhoe and Excavator  
3362 Control & Load Holding Valves**

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	FYB4000015	Valve Cover	1		
0A	.....	Case	1		NSEP
0B	.....	Spool	4		NSEP
4	4410898	Spacer	4		
5	4662206	Shim	4		0.1 mm
6	4429120	Spring	2		
7	4651556	Compression Spring	2		
8	4425414	Spring	2		
9	4651557	Compression Spring	2		
10	4615610	Guide	4		
11	4437333	Snap Ring	4		
14	9759157	Piston	2		
15	9759158	Piston	2		
17	9246436	Sleeve	1		
17A	.....	Sleeve	4		NSEP
17B	.....	Seal	4		NSEP
19	4201993	O-Ring	4		
21	4614296	Plate	1		
22	4335060	Universal Joint	1		
24	4631248	Fitting	1		
25	FYB0000019	Cam	1		
26	4614286	Plug	1		
27	4170585	O-Ring	1		
28	4614331	Snap Ring	1		
29	9773023	Plug	1		
50	FYB60000205	Hyd Actuated Control Valve	1		SUB FOR FYB60000032 OR FYB60000204

Travel Pilot Control Valve Components

TX1226503 B.1



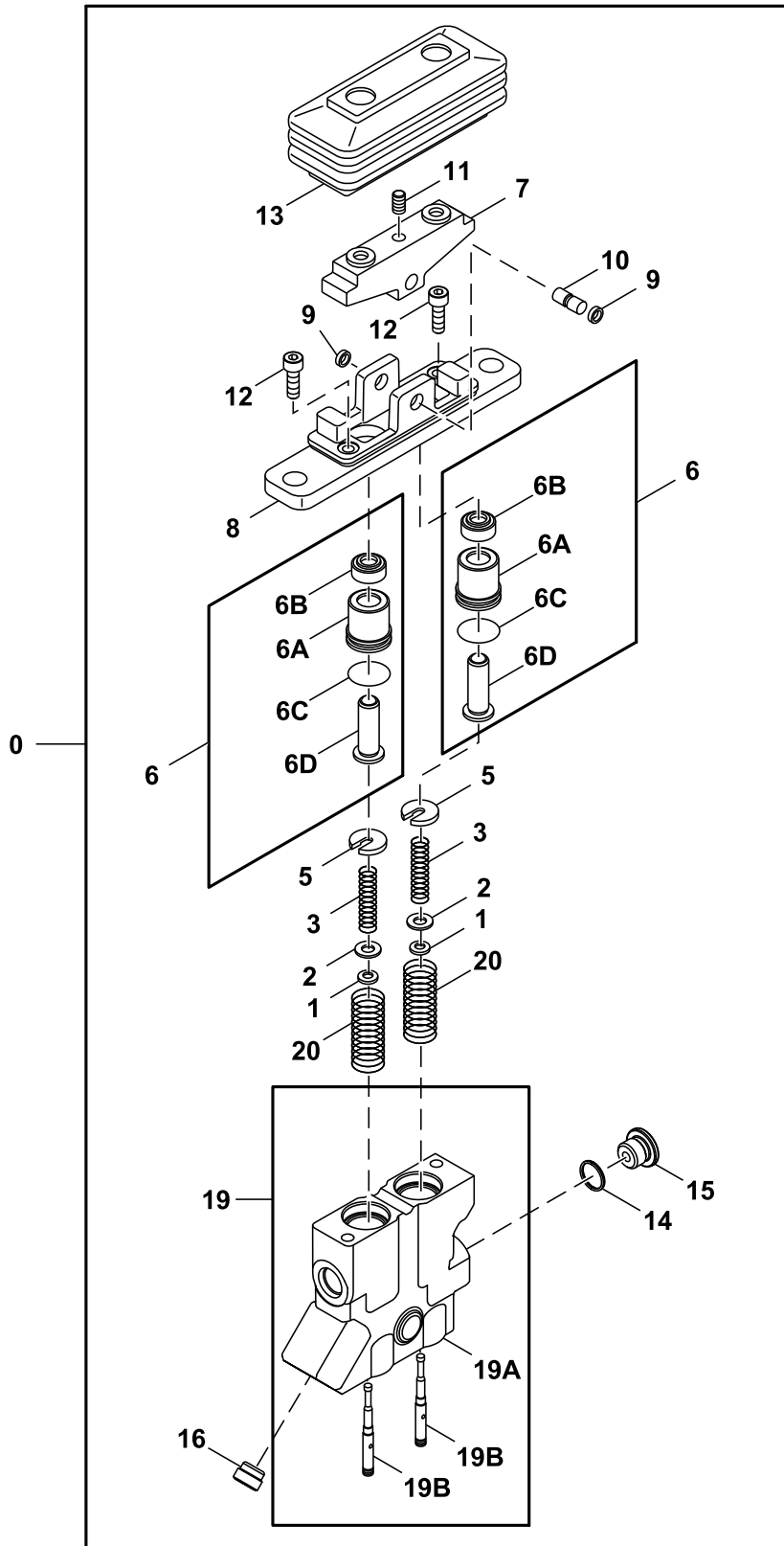
TX1226503

**33 Backhoe and Excavator  
3362 Control & Load Holding Valves**

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	8118208	Valve Cover	1		
0A	.....	Valve Cover	1		NSEP
0B	.....	Spool	4		NSEP
1	4319299	Spacer	4		
2	4662206	Shim	2		0.1 mm (0.004 in), SUB FOR 4203411
3	4368629	Compression Spring	4		
4	4364970	Guide	4		
5	4368630	Compression Spring	4		
6	9226367	Push Nut	4		
6A	3099628	Bushing	1		
6B	4447050	Seal	1		
6C	4201993	O-Ring	1		
6D	4602154	Push Nut	1		
8	.....	Base	1		9184275 NSEP
8A	.....	Holder	1		2044332 NSEP
8B	4437433	Bushing	4		
10	19M7576	Screw	2		M10 X 30. SUB FOR J781030
11	12M7066	Lock Washer	2		10 mm, SUB FOR A590910
14	4437432	Gasket	2		
15	4428902	Torsional Damper	2		
16	12M7006	Lock Washer	4		6 mm, SUB FOR A590906
17	J780612	Bolt	4		
21	3098245	Cam	2		
24	4185600	O-Ring	2		
25	4447067	O-Ring	2		
26	9207567	Pin Fastener	1		
26A	4425305	Pin Fastener	1		
26B	3087987	Bracket	1		
26C	4051262	Spring Pin	1		
26D	34M7124	Spring Pin	1		8 X 30 mm, SUB FOR 4205318
26E	4205317	Spring Pin	1		
27	9207568	Pin Fastener	1		
27A	4425305	Pin Fastener	1		
27B	3087987	Bracket	1		
27C	4051262	Spring Pin	1		
27D	34M7124	Spring Pin	1		8 X 30 mm, SUB FOR 4205318
27E	4205317	Spring Pin	1		
28	34M6402	Spring Pin	2		8 X 28 mm, SUB FOR 4027427
29	4213419	Spring Pin	2		
32	8077903	Cover	1		
33	.....	Screw With Washer	2		J260614 NLA
	19M7560	Cap Screw	2		M6 X 16
	24M7054	Washer	2		6.400 X 12 X 1.600 mm
40	4208977	Drain Plug	2		
41	CH11561	Packing	2		SUB FOR Z964255
42	9134109	Drain Plug	2		SUB FOR 4217651
43	CH19111	O-Ring	2		SUB FOR 4113154
48	9773023	Drain Plug	1		
50	FYB6000033	Hyd Actuated Control Valve	1		Travel Pilot Control, SUB FOR FYB6000029

Auxiliary Pilot Control Valve

TX1115928 C.1

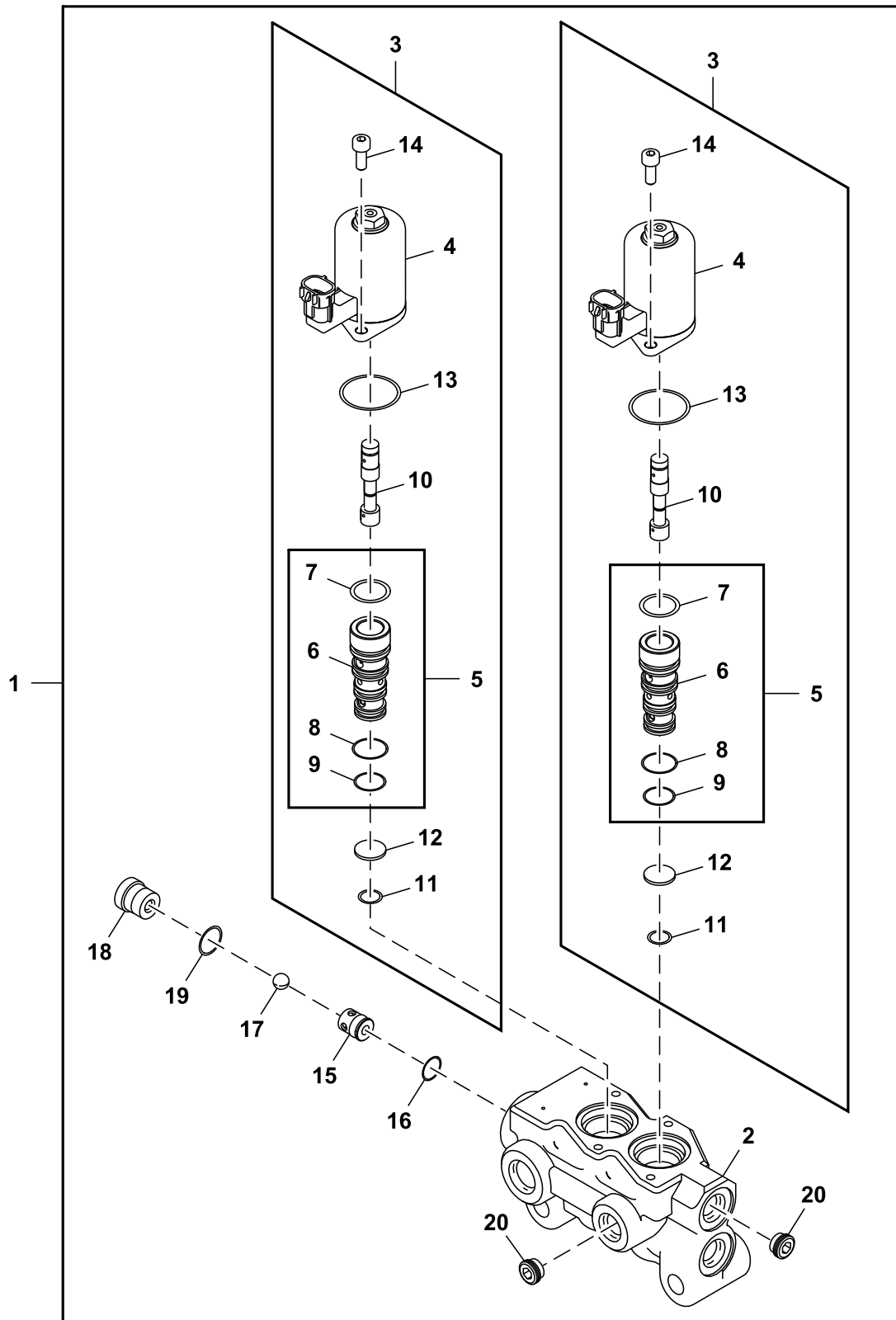


TX1115928

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	FYB60000024	Hyd Actuated Control Valve	1		Auxiliary Pilot Control Valve
1	4319299	Spacer	2		
2	4203411	Shim	2		0.1 mm (0.0043 in)
3	4474214	Compression Spring	2		
5	4682361	Guide	2		
6	9214706	Piston	2		
6A	3095375	Bushing	1		
6B	4447050	Seal	1		
6C	4306888	O-Ring	1		SUB FOR 4269615
6D	9758896	Piston	1		
7	4474216	Cam	1		SUB FOR 4609781, ALSO ORDER (2) 4482606
	4482606	Spacer	2		
8	2048256	Base	1		
9	4480261	Bushing	2		
10	4474217	Pin	1		
11	4209728	Set Screw	1		
12	19M8505	Screw	2		M6 X 25, SUB FOR J780625
13	2048374	Boot	1		
14	CH11561	Packing	1		SUB FOR 964255
15	4208977	Drain Plug	1		
16	9773023	Plug	1		
19	FYB40000001	Valve Cover	1		
19A	.....	Case	1		NSEP
19B	.....	Spool	2		NSEP
20	4481334	Spring	2		

Solenoid Valve Components, Two Spool

TX1171019 A.1



9316550\_TX1171019

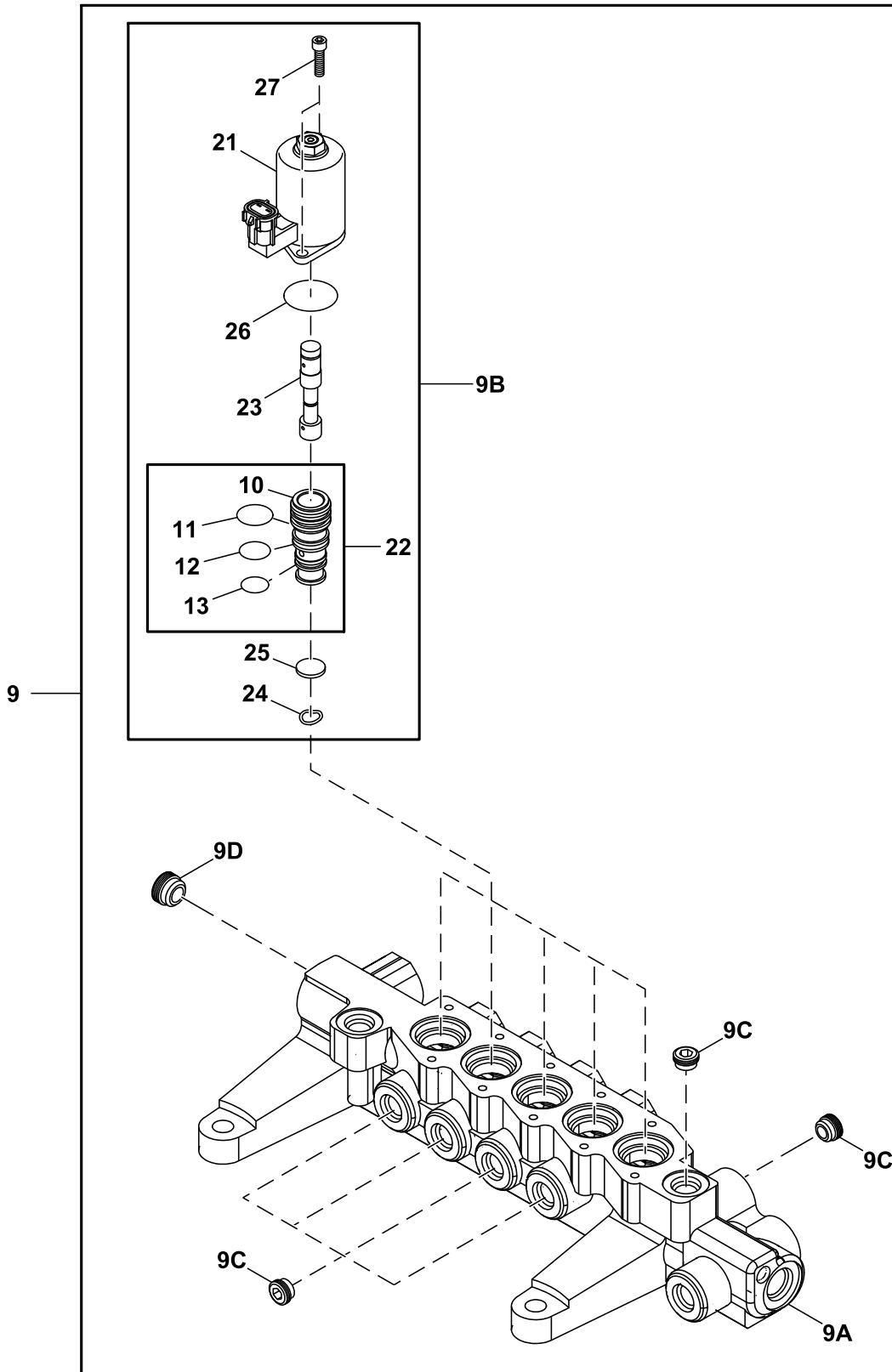
**33 Backhoe and Excavator  
3362 Control & Load Holding Valves**

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
1	9316550	Solenoid Valve	1		Two Spool Solenoid Valve
2	.....	Housing	1		NSEP
3	9314145	Solenoid Valve	2		
4	.....	Solenoid	1		NSEP
5	.....	Sleeve	1		NSEP
6	.....	Sleeve	1		NSEP
7	4163873	O-Ring	1		SUB FOR 4484116, AT153904 AND 0408411
8	R99052	O-Ring	1		SUB FOR 4484118 AND 408410
9	4185600	O-Ring	1		
10	.....	Spool	1		NSEP
11	.....	Lock Washer	1		NSEP
12	.....	Plate	1		NSEP
13	4484114	O-Ring	1		
14	19M7600	Screw	2		M5 X 12, SUB FOR J780512
15	9772287	Sleeve	1		
16	CH11560	Packing	1		SUB FOR 939356
17	4613265	Ball	1		
18	4712839	Cap	1		
19	4453196	O-Ring	1		
20	9761179	Plug	2		



Solenoid Valve Components, Five Spool

TX1115841 C.1

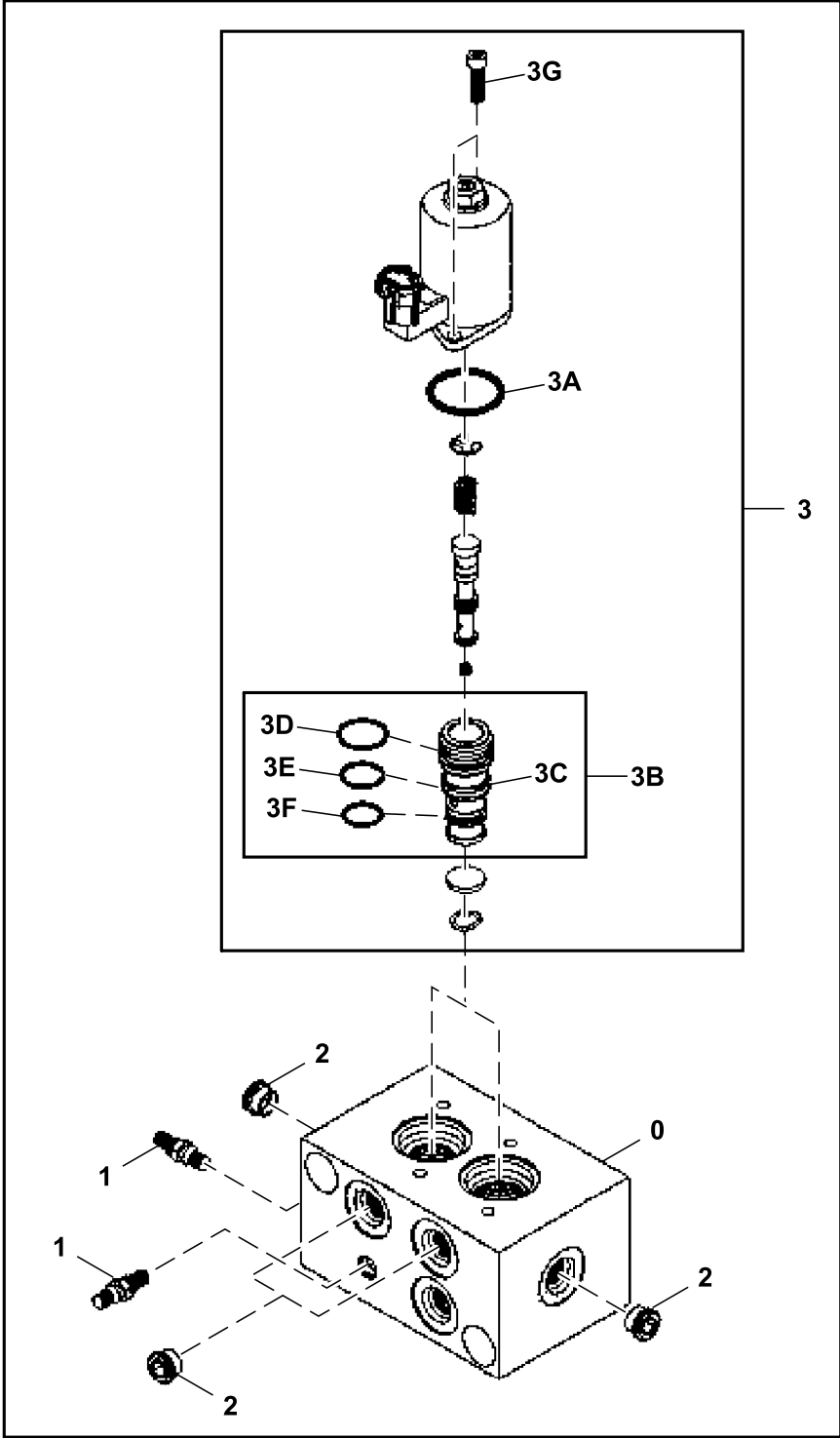


TX1115841

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
9	9316549	Solenoid Valve	1		Five Spool
9A	.....	Housing	1		NSEP
9B	9314145	Solenoid Valve	5		
9C	9761179	Plug	6		
9D	9228828	Plug	1		
10	.....	Housing	1		NSEP
11	4163873	O-Ring	1		SUB FOR 4484116
12	R99052	O-Ring	1		SUB FOR 4484118
13	4185600	O-Ring	1		
21	.....	Solenoid	1		NSEP
22	.....	Sleeve	1		NSEP
23	.....	Spool	1		NSEP
24	.....	Washer	1		NSEP
25	.....	Plate	1		NSEP
26	4484114	O-Ring	1		
27	19M7600	Screw	2		M5 X 12, SUB FOR J780512

Solenoid Valve Components

TX1200420 A.1



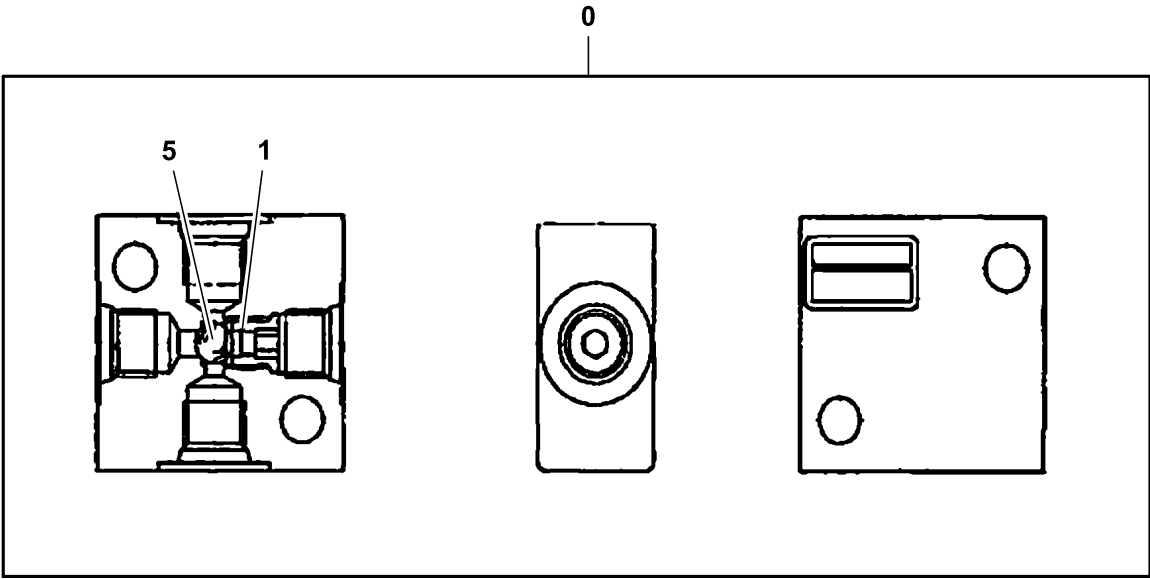
TX1200420

**33 Backhoe and Excavator  
3362 Control & Load Holding Valves**

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	.....	Housing	1		NSEP
1	3095884	Plug	2		
2	9761179	Plug	4		
3	9304836	Solenoid	2		
3A	4484114	O-Ring	1		
3B	.....	Sleeve	1		NSEP
3C	.....	Spool	1		NSEP
3D	4163873	O-Ring	1		SUB FOR 4484116
3E	R99052	O-Ring	1		SUB FOR 4484118
3F	4185600	O-Ring	1		
3G	19M7600	Screw	2		M5 X 12, SUB FOR J780512
10	FYB60000441	Solenoid Valve	1		SUB FOR 9322239, Solenoid Valve

Shuttle Valve With Additional Pump

TX1170137 A.1



TX1170137

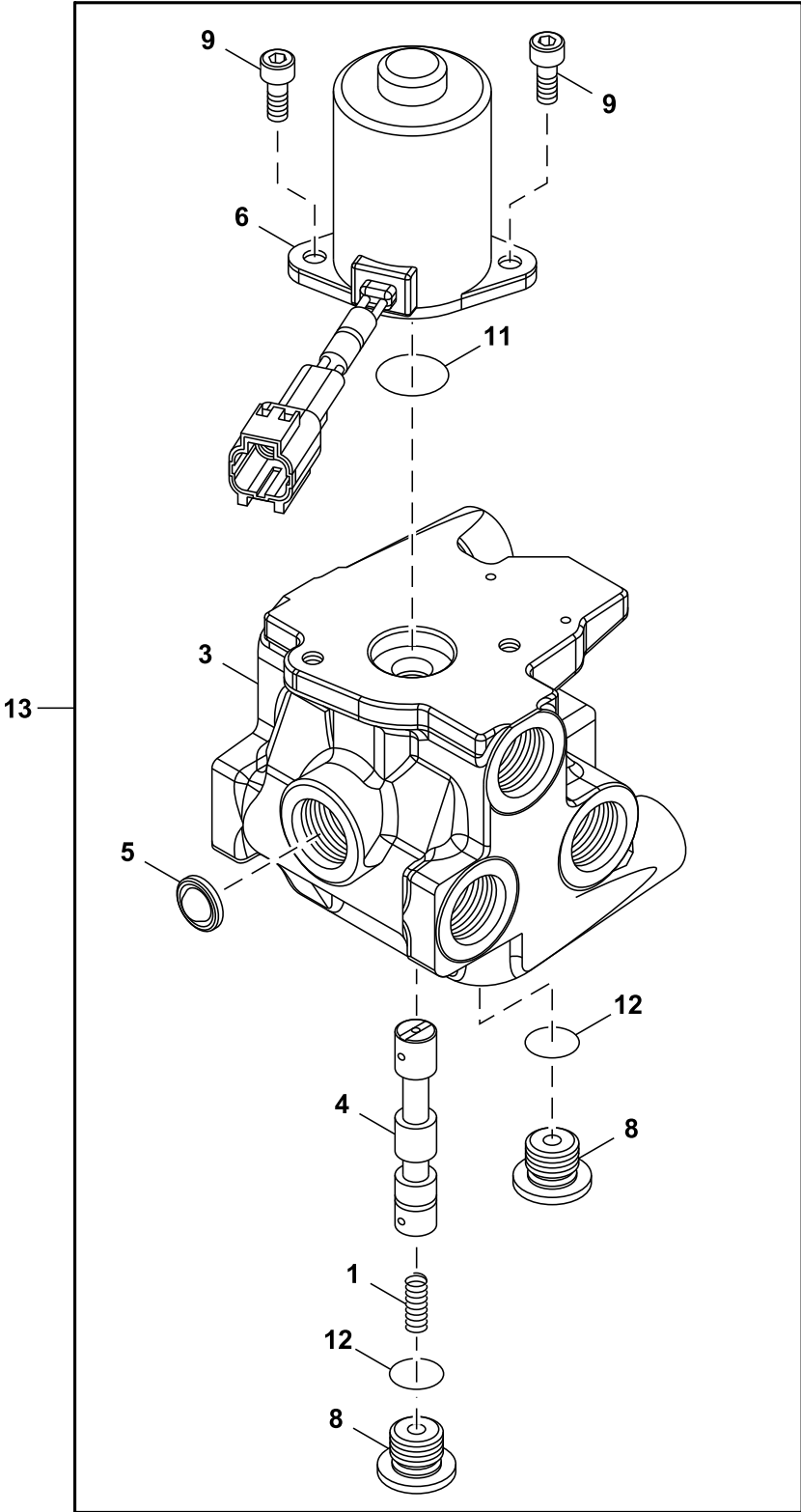
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<i>Key</i>	<i>Part No.</i>	<i>Part Name</i>	<i>Qty.</i>	<i>Serial No.</i>	<i>Remarks</i>
0	4411001	Flow Control Hyd. Valve	1		
1	0614101	Seat	1		
5	0926421	Ball	1		

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Pilot Shutoff Solenoid Valve

TX1095605 C.1



TX1095605

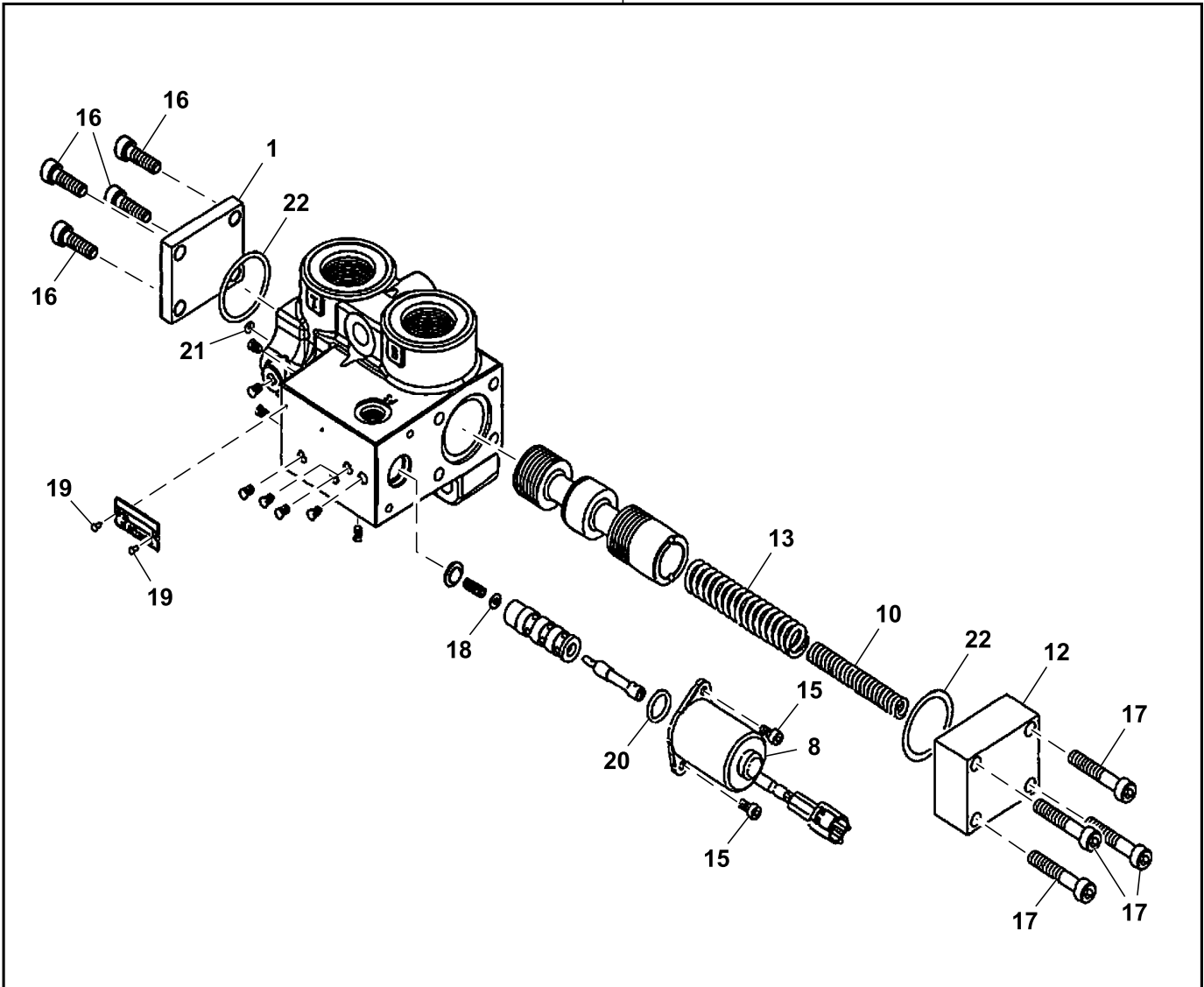
<i>Key</i>	<i>Part No.</i>	<i>Part Name</i>	<i>Qty.</i>	<i>Serial No.</i>	<i>Remarks</i>
1	0624904	Spring	1		
3	.....	Housing	1		NSEP
4	.....	Spool	1		NSEP
5	.....	Screen	1		NSEP
6	0976504	Solenoid Hydraulic Valve	1		
8	0732608	Plug	2		
9	0794204	Bolt	2		
11	CH10570	O-Ring	1		SUB FOR 954495
12	M800650	Packing	2		SUB FOR 957366
13	4609630	Valve	1		Pilot Shutoff Solenoid



Selector Valve Components

TX1170247 A.1

0

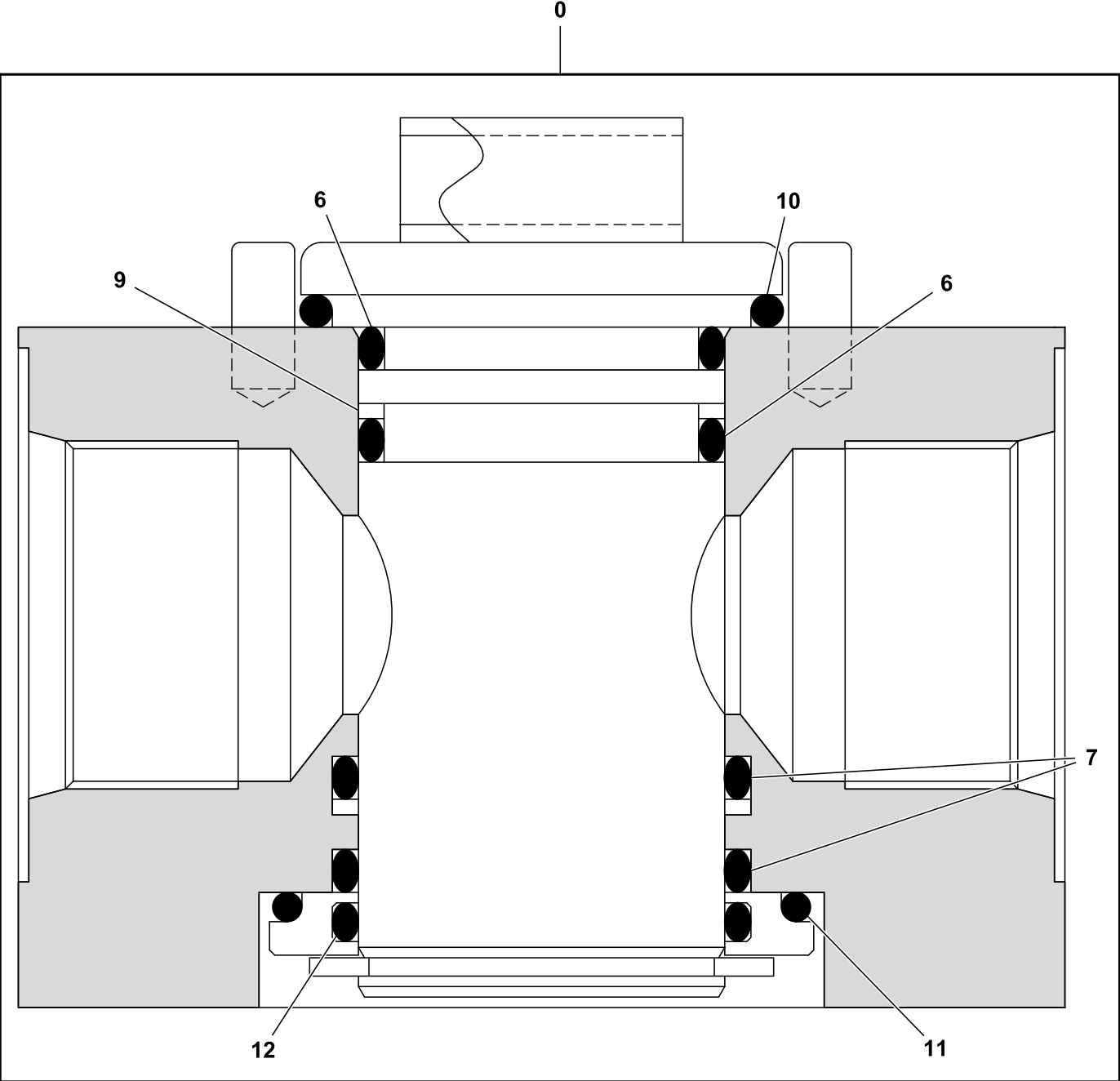


TX1170247

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	4713713	Valve	1		Selector Valve
1	FXB00002245	Cover	1		
8	0976504	Solenoid Hydraulic Valve	1		
10	FXB00002249	Spring	1		
12	FXB00002251	Cover	1		
13	FXB00002252	Spring	1		
15	0624906	Bolt	2		
16	0370410	Bolt	4		
17	FXB00002253	Bolt	4		
18	24M7117	Washer	1		4.300 X 9 X 0.800 mm, SUB FOR A590104
19	0794701	Screw	2		SUB FOR 954495
20	CH10570	O-Ring	1		
21	FXB00002254	O-Ring	1		
22	A811040	O-Ring	2		

Auxiliary Stop Valve Components

TX1212925 A.1



TX1212925

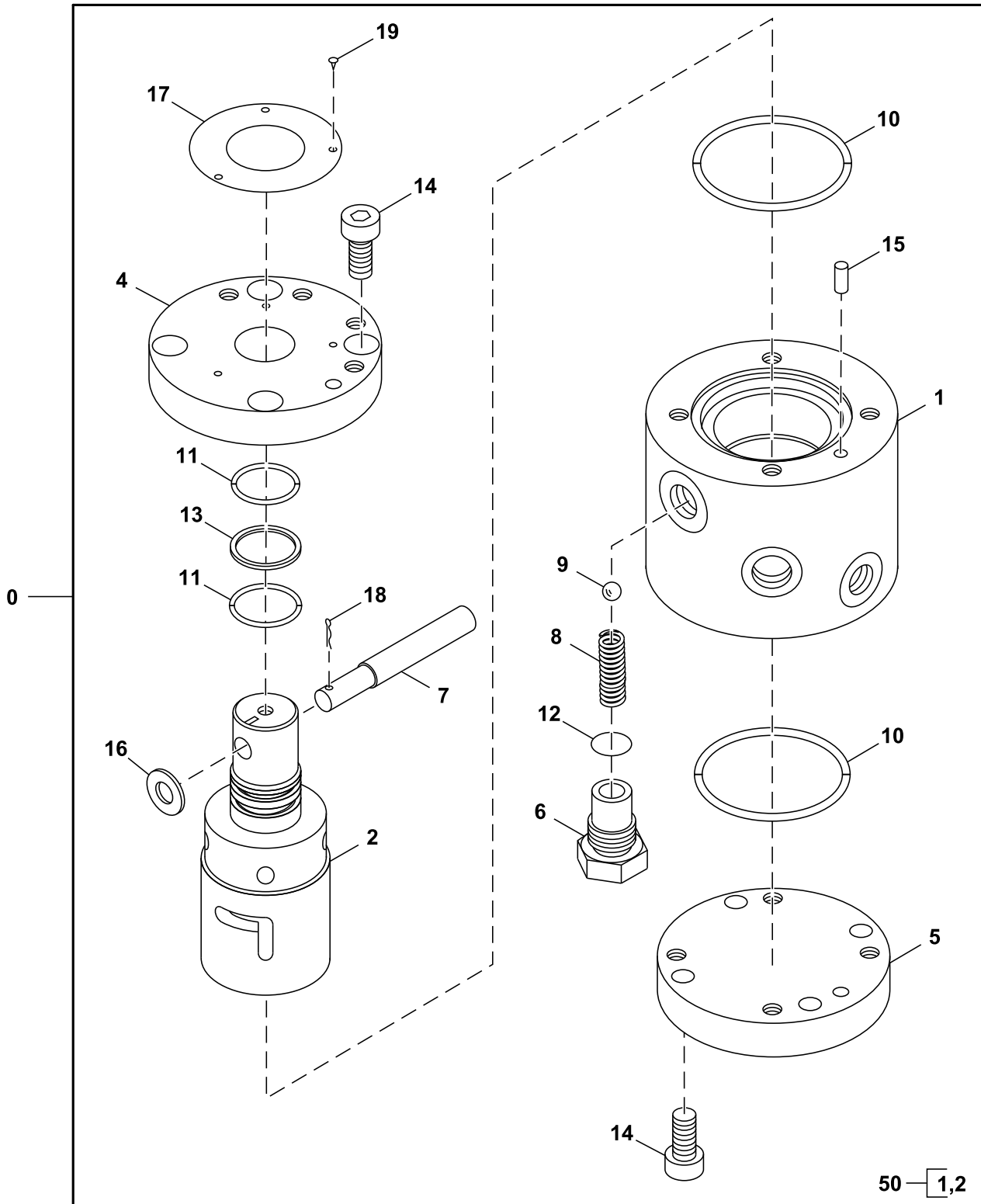
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<i>Key</i>	<i>Part No.</i>	<i>Part Name</i>	<i>Qty.</i>	<i>Serial No.</i>	<i>Remarks</i>
0	4447675	Flow Control Hyd. Valve	1		Auxiliary Stop Valve
6	A811030	O-Ring	2		
7	AT264324	O-Ring	2		SUB FOR A811035
9	4284569	Back-Up Ring	1		
10	4477001	O-Ring	1		
11	4477002	O-Ring	1		
12	4477000	O-Ring	1		

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Rotary Valve Components

TX1126464 D.1



0

50 — 1,2

TX1126464

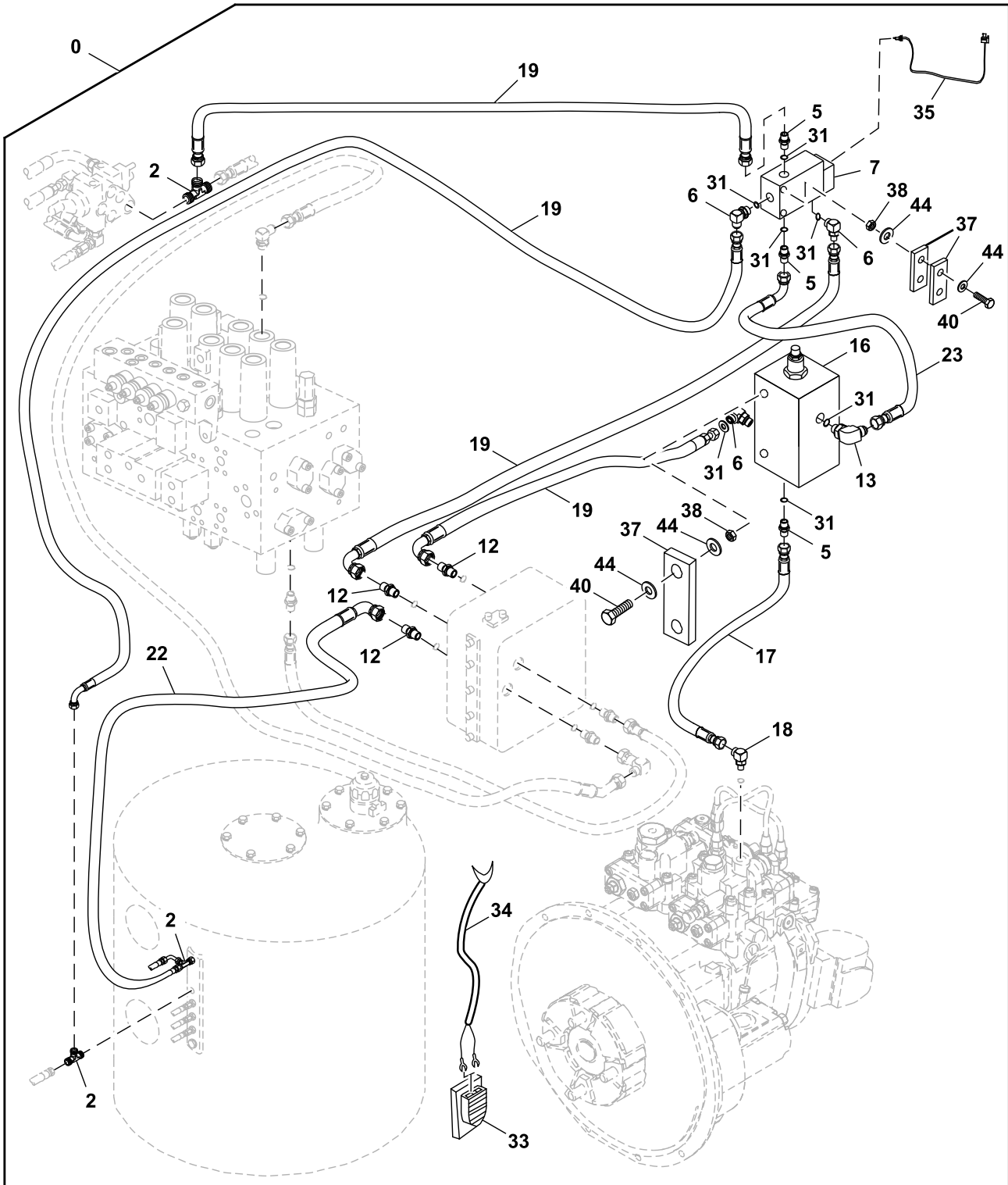
60 — 10,11,12,13

**33 Backhoe and Excavator  
3362 Control & Load Holding Valves**

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	4612930	Valve	1		Rotary Valve
1	.....	Housing	1		NSEP
2	.....	Spindle	1		NSEP
4	4479766	Cover	1		
5	4479767	Cover	1		
6	4479768	Plug	1		
7	FYD00004981	Handle	1		
8	4449860	Spring	1		
9	4449861	Ball	1		
10	A810060	Packing	2		
11	985582	O-Ring	2		
12	CH10569	Packing	1		SUB FOR 962567
13	4040365	Back-Up Ring	1		
14	19M7660	Screw	8		M8 X 20, SUB FOR J780820
15	4051267	Spring Pin	1		
16	24M7055	Washer	1		8.400 X 16 X 1.600 mm, SUB FOR A590108
17	.....	Plate	1		NSEP
18	H132922	Cotter Pin	1		SUB FOR 4022697
19	.....	Rivet	3		NSEP
50	4478298	Valve	1		Valve Body
60	4479774	Seal Kit	1		

Electric Solenoid Valve Kit (1 Way)

TX1119515 C.2



TX1119515

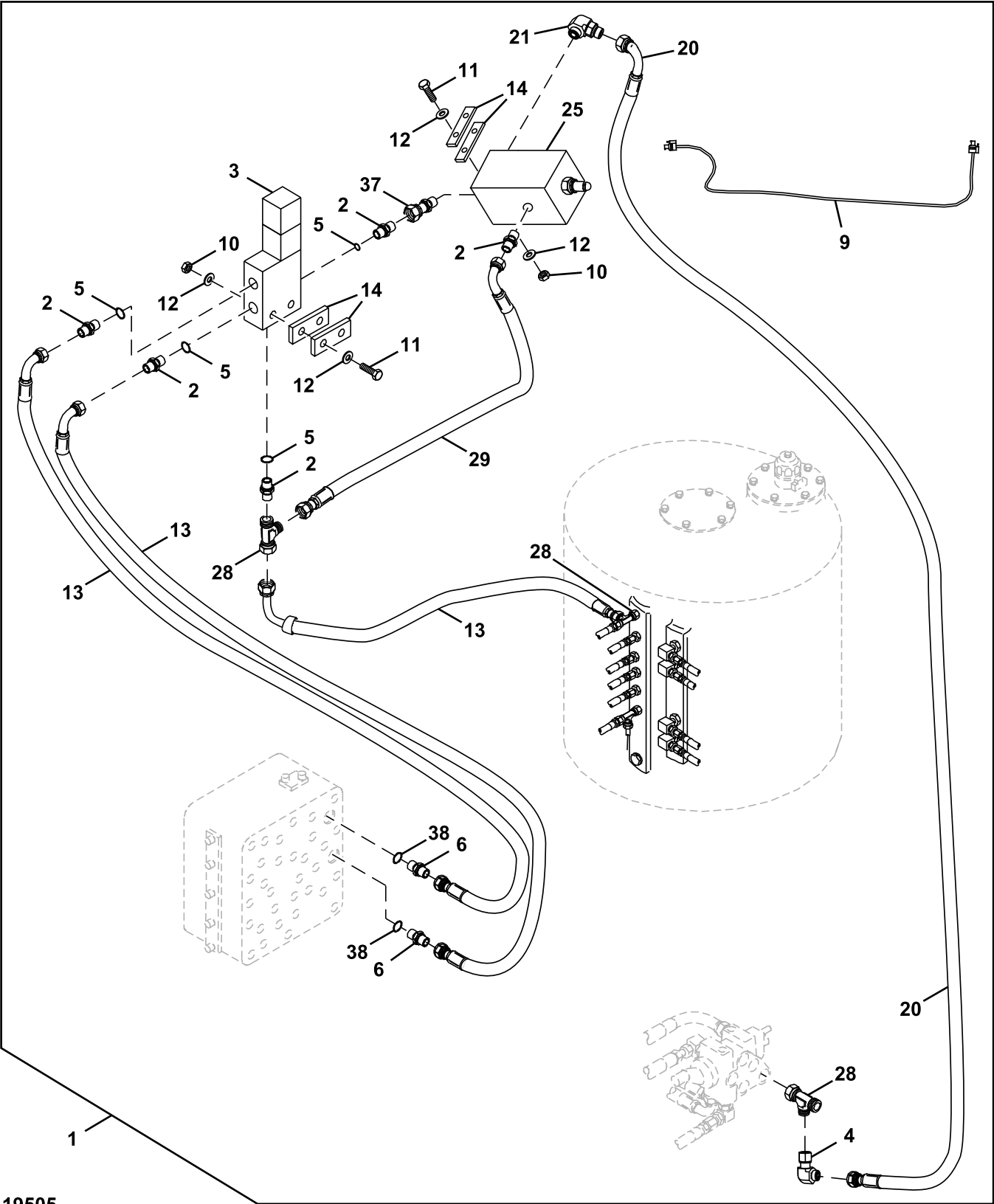
**33 Backhoe and Excavator  
3362 Control & Load Holding Valves**

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
<b>0</b>	<b>AT354488</b>	<b>Field Installation Kit</b>	<b>1</b>		<b>Whole Goods</b>
2	AT36921	Tee Fitting	3		
5	R27212	Fitting	3		
6	AT35121	Elbow Fitting	3		
7	AT306723	Elec.Proportional Valve	1		
12	A852133	Adapter Fitting	3		
13	AT38033	Elbow Fitting	1		
16	AT186623	Hydraulic Pressure Valve	1		
17	4652483	Hydraulic Hose	1		
18	AE24616	Elbow Fitting	1		90 DEGREE
19	AT331768	Hydraulic Hose	4		
22	AT130684	Hydraulic Hose	1		
23	AT71732	Hydraulic Hose	1		
31	R26448	O-Ring	7		
33	AT82210	Switch	1		Foot Pedal
34	AT457430	Wiring Harness	1		Foot Pedal, AT196588 NLA
35	AT191297	Wiring Harness	1		Jumper Harness
36	R44302	Tie Band	7		Not Illustrated
37	T202379	Strap	3		
38	14M7027	Nut	2		M6
40	19M9090	Cap Screw	2		M6 X 100
44	24M7139	Washer	4		6.400 X 18 X 1.600 mm
45	T149434	Label	1		English, Important, Not Illustrated
	T222993	Label	1		Spanish, Important, Not Illustrated
	T222992	Label	1		French, Important, Not Illustrated
	T346643	Label	1		Portuguese, Important, Not Illustrated



Electric Solenoid Valve Kit (2 Way)

TX1119505 A.1

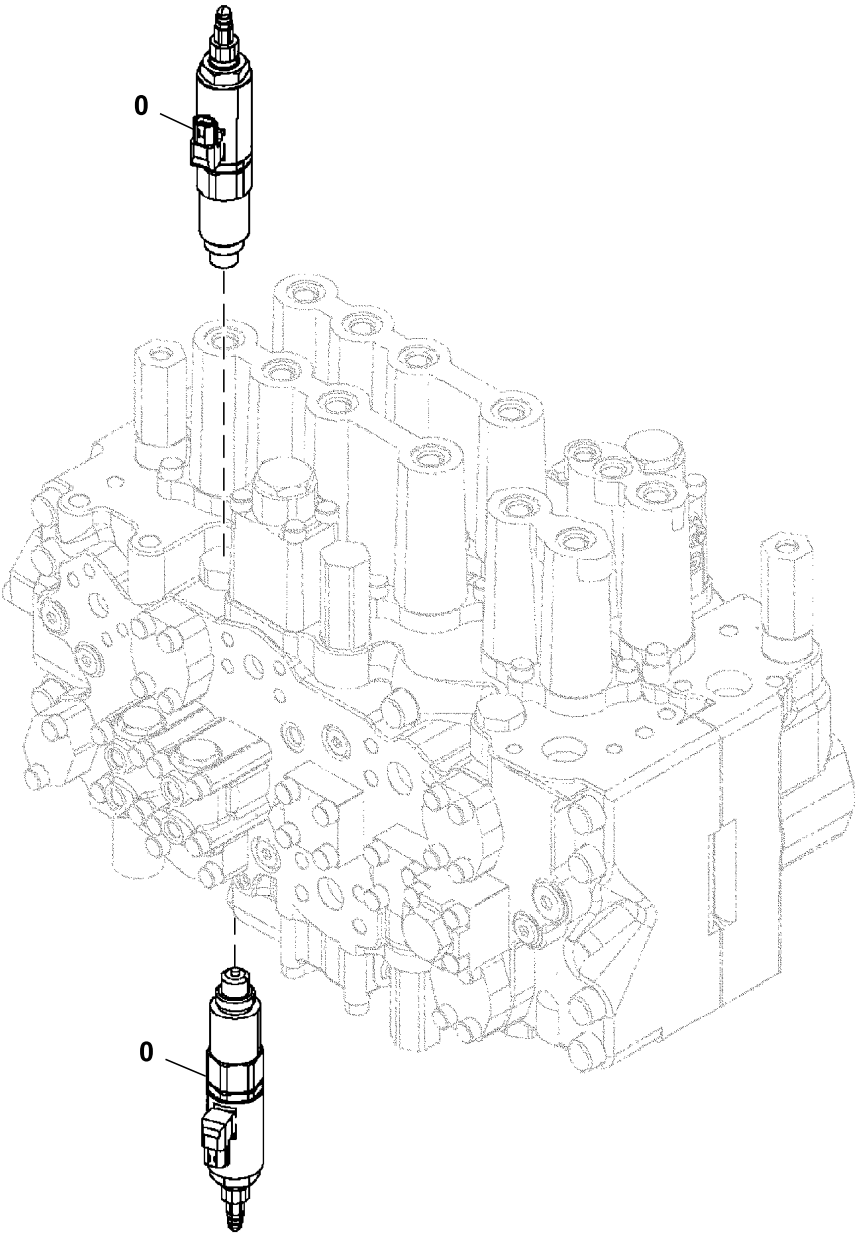


TX1119505

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
..	.....	<b>Field Installation Kit</b>	<b>1</b>		<b>AT342526 NLA, Whole Goods, Solenoid Valve</b>
2	R27212	Fitting	5		
3	AT180585	Solenoid Valve	1		
4	AE24616	Elbow Fitting	1		
5	R26448	O-Ring	4		
6	AT131445	Adapter Fitting	2		
9	AT331104	Wiring Harness	1		INCLUDES (2) AR94101, Solenoid Valve Wiring Harness
	AR94101	Diode	2		Not Illustrated
10	14M7272	Nut	4		M6
11	19M7529	Cap Screw	4		M6 X 55
12	24M7139	Washer	8		6.400 X 18 X 1.600 mm
13	AT331768	Hydraulic Hose	3		
14	T202379	Strap	4		
20	AT78124	Hydraulic Hose	1		
21	AT35121	Elbow Fitting	1		
25	AT186623	Hydraulic Pressure Valve	1		Pressure Reducing Valve
28	AT36921	Tee Fitting	3		
29	AT108783	Hydraulic Hose	1		
37	AE52955	Adapter Fitting	1		
38	CH11570	O-Ring	2		

Relief Valve, Crusher

TX1250045 A.1



TX1250045

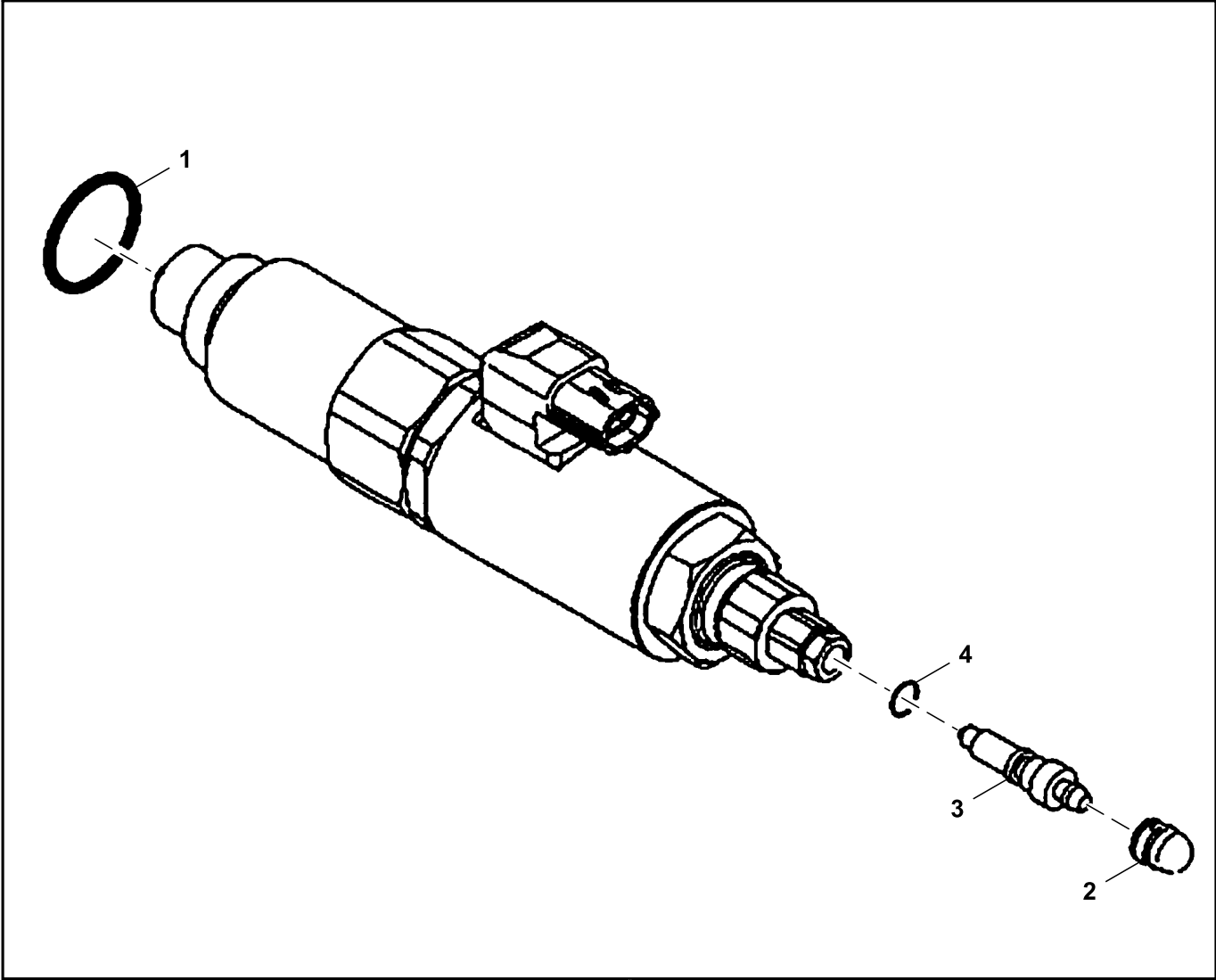
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<i>Key</i>	<i>Part No.</i>	<i>Part Name</i>	<i>Qty.</i>	<i>Serial No.</i>	<i>Remarks</i>
0	4722642	Solenoid Hydraulic Valve	2		Components On Separate Page

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Relief Valve Components

TX1170050 A.1



0

TX1170050

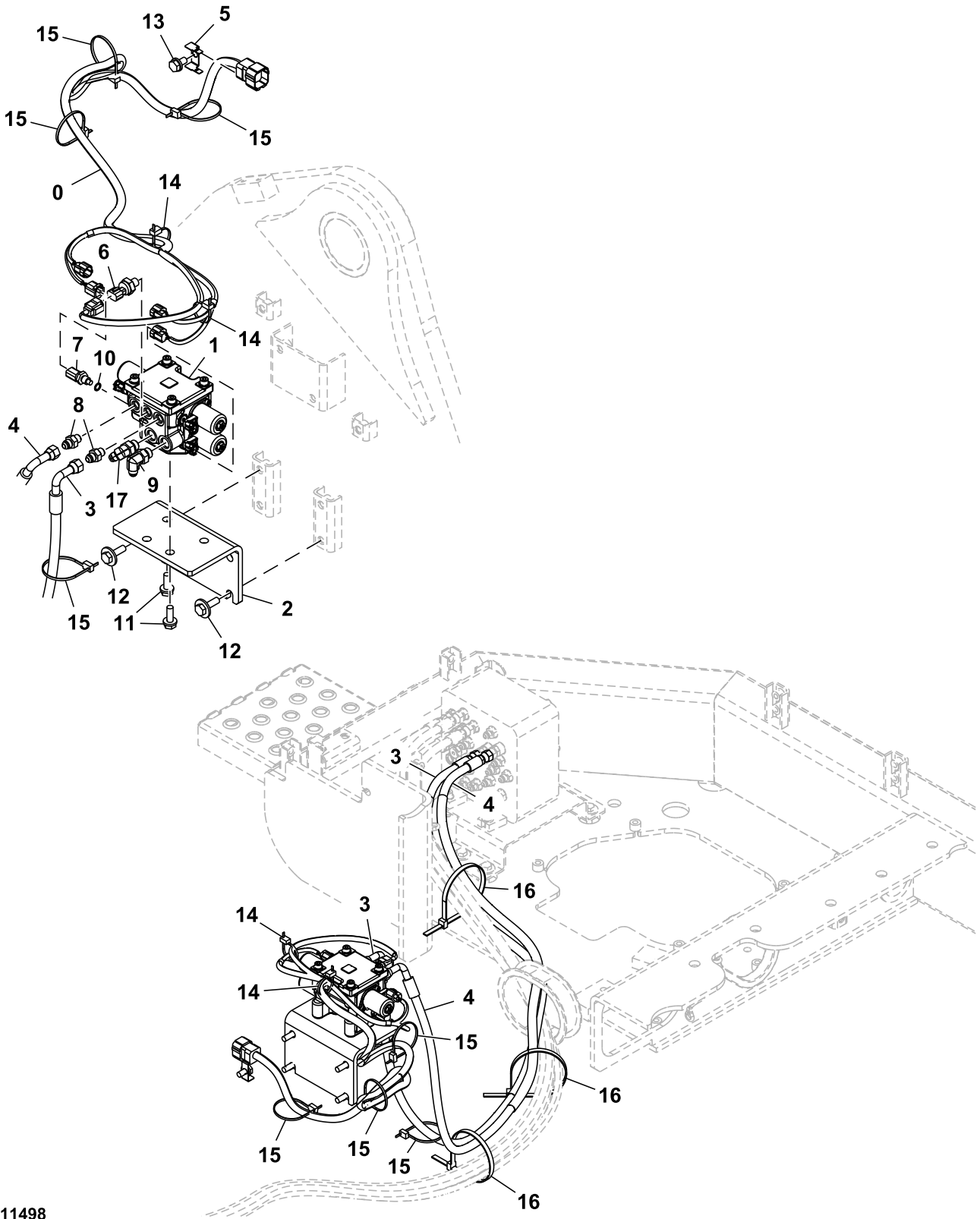
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<i>Key</i>	<i>Part No.</i>	<i>Part Name</i>	<i>Qty.</i>	<i>Serial No.</i>	<i>Remarks</i>
0	4722642	Pressure Relief Valve	1		
1	0100043	O-Ring	1		
2	FYA00013760	Cap	1		
3	FXB00005555	Valve	1		Air
4	FXB00005556	O-Ring	1		

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Auxiliary Function Valve And Wiring Harness

TX1211498 A.1



TX1211498

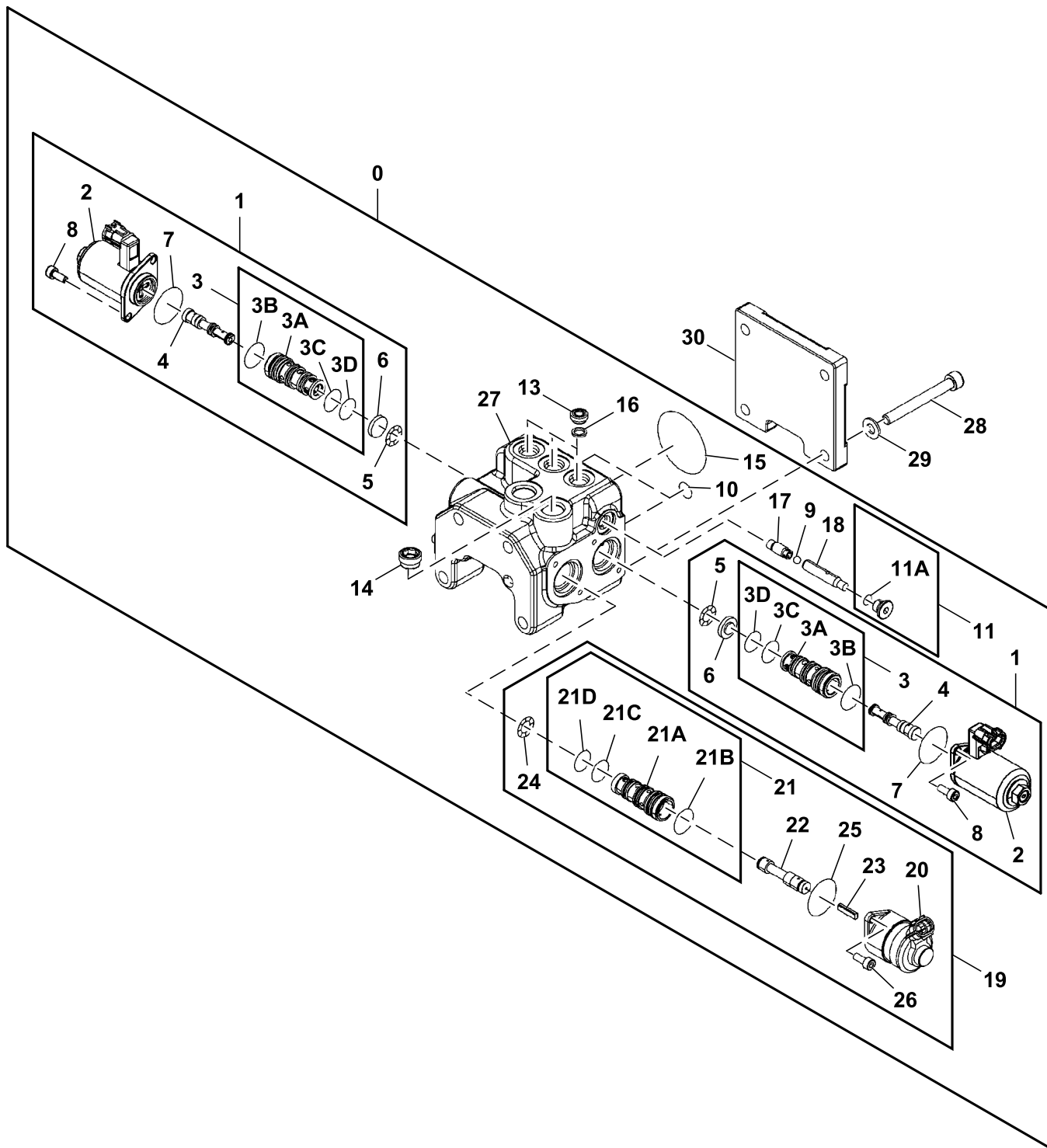
**33 Backhoe and Excavator  
3362 Control & Load Holding Valves**

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	FYA00019634	Wiring Harness	1		Auxiliary Function Lever, Body
1	FYB60001070	Solenoid Valve	1		SUB FOR FYB60000150, Auxiliary Function, Components On Separate Page
2	FYA00020153	Bracket	1		
3	FYA00019779	Hose	1		ALSO ORDER (2) 4327293, FYA60014331 NLA
	4327293	Guard	2		
4	4690529	Hose	1		ALSO ORDER (2) 4327293, FYA60014332 NLA
	4327293	Guard	2		
5	4602634	Bracket	1		
6	4436535	Sensor	1		Pressure, INCLUDES 957366
	957366	O-Ring	1		
7	4333200	Sensor	1		Temperature
8	A852123	Adapter Fitting	2		INCLUDES 957366
	957366	O-Ring	1		
9	A852333	Elbow Fitting	1		INCLUDES 4622346
	4297380	O-Ring	1		SUB FOR 4622346 OR 4509180
10	CH17167	O-Ring	1		SUB FOR 4506320
11	.....	Screw With Washer	4		J271030 NLA
	19M7662	Cap Screw	4		M10 X 30, SUB FOR J901030
	24M7346	Washer	4		11 X 20 X 2 mm, SUB FOR J222010
12	.....	Screw With Washer	4		J281035 NLA
	19M7550	Cap Screw	4		M10 X 35, SUB FOR J901035
	4486055	Washer	4		
13	.....	Screw With Washer	1		J271020 NLA
	19M7938	Cap Screw	1		M10 X 20, SUB FOR J901020
	24M7346	Washer	1		11 X 20 X 2 mm, SUB FOR J222010
14	H77698	Tie Band	2		SUB FOR 4055311
15	H77698	Tie Band	5		SUB FOR 4055312
16	H77698	Tie Band	3		SUB FOR 4121859
17	A852233	Elbow Fitting	1		INCLUDES 4622346
	4297380	O-Ring	1		SUB FOR 4622346 OR 4509180



Solenoid Valve Components, Auxiliary Function

TX1184517 B.1



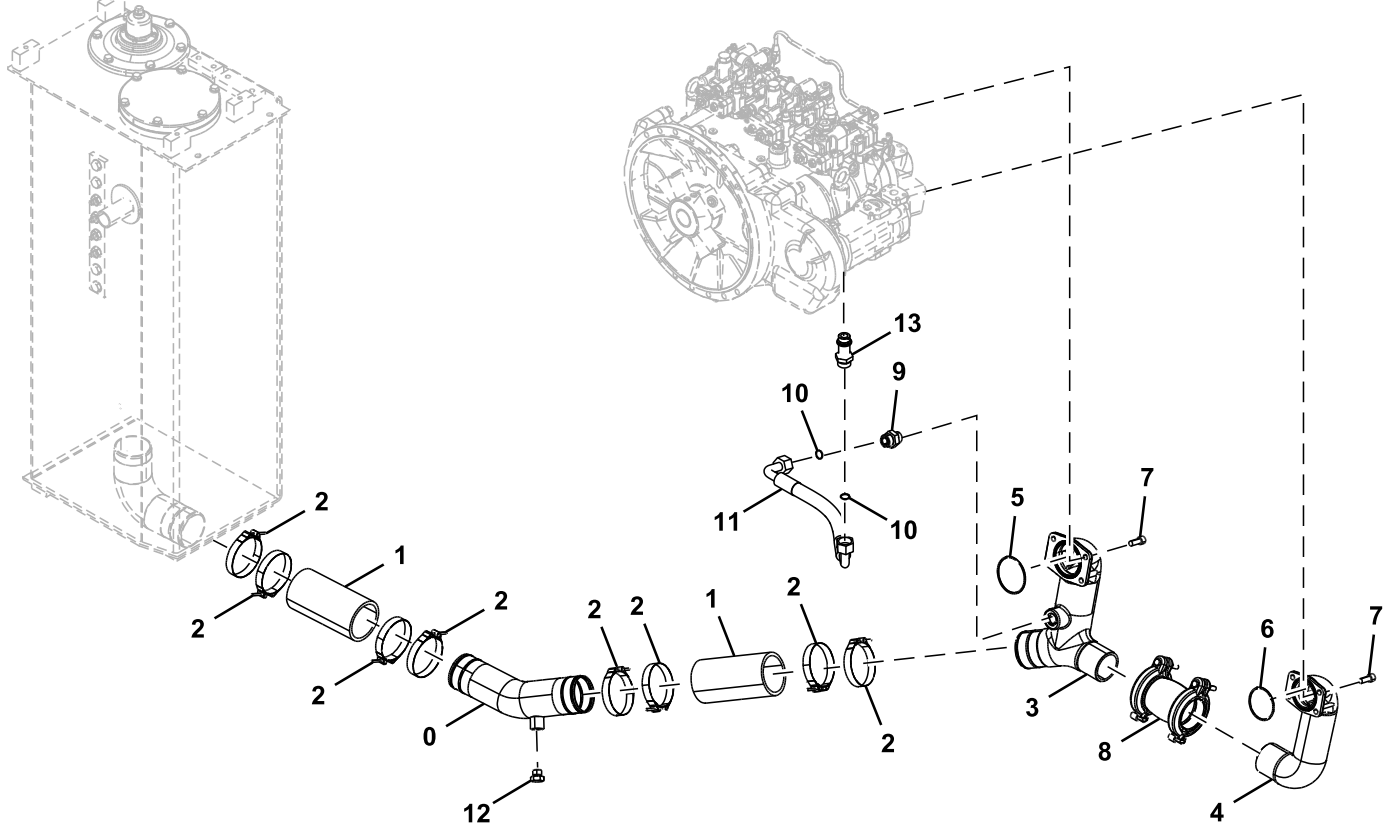
TX1184517

**33 Backhoe and Excavator  
3362 Control & Load Holding Valves**

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	FYB60001070	Solenoid Valve	1		Auxiliary Functional Solenoid Valve, SUB FOR FYB60000150
1	9314145	Solenoid Valve	2		
2	.....	Solenoid	1		NLA
3	.....	Sleeve	1		NLA
3A	.....	Sleeve	1		NLA
3B	4163873	O-Ring	1		SUB FOR 4484116
3C	R99052	O-Ring	1		SUB FOR 4484118
3D	4185600	O-Ring	1		
4	.....	Spool	1		NLA
5	4489678	Washer	1		
6	.....	Plate	1		NLA
7	4484114	O-Ring	1		
8	19M7600	Screw	2		M5 X 12, SUB FOR J780512
9	4602182	Ball	1		
10	CH11560	Packing	2		SUB FOR 939356
11	9134109	Drain Plug	1		SUB FOR 9089484
11A	4506408	O-Ring	1		
13	9761179	Plug	3		
14	9228828	Plug	1		
15	CH11436	O-Ring	1		SUB FOR A810050
16	4666096	Seal	3		
17	4654403	Piston	1		
18	4654404	Piston	1		
19	FYB60000134	Valve	1		Solenoid
20	.....	Solenoid	1		NLA
21	.....	Sleeve	1		NLA
21A	.....	Sleeve	1		NLA
21B	4163873	O-Ring	1		SUB FOR 4484116
21C	R99052	O-Ring	1		SUB FOR 4484118
21D	4185600	O-Ring	1		
22	.....	Spool	1		NLA
23	.....	Rod	1		NLA
24	.....	Washer	1		NLA
25	4484114	O-Ring	1		
26	T111645	Screw	2		SUB FOR M340513
27	.....	Housing	1		NLA
28	19M8735	Screw	4		M8 X 30, SUB FOR J780830
29	4669080	Washer	4		
30	3107707	End Plate	1		

Suction Lines

TX1115832 A.1

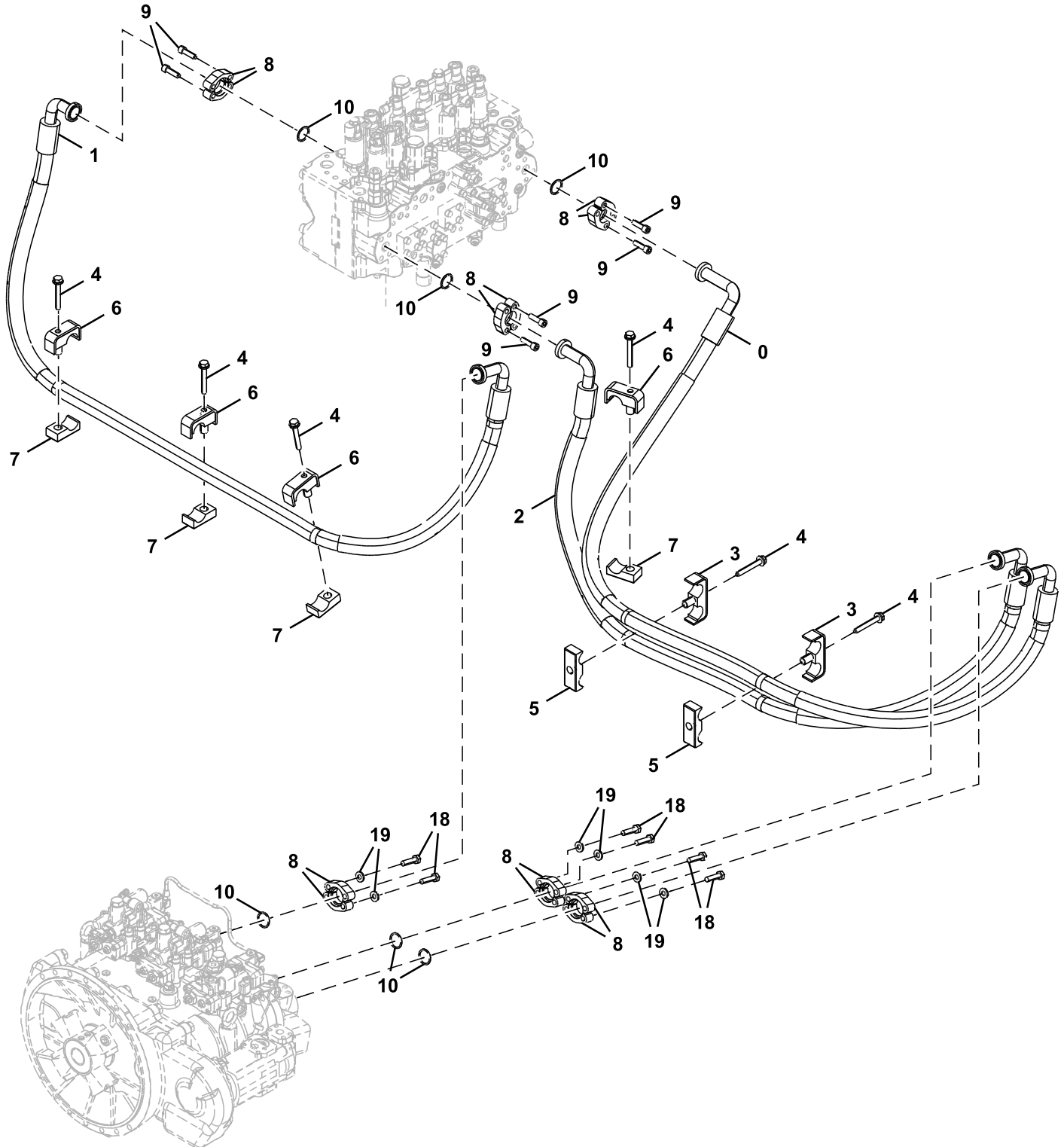


TX1115832

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	8123672	Pipe	1		
1	4348414	Hose	2		
2	AT56658	Hose Clamp	8		SUB FOR 4283535
3	1036798	Manifold	1		
4	2057748	Manifold	1		
5	CH17854	Packing	1		SUB FOR A811085
6	TH105684	O-Ring	1		SUB FOR A811075
7	19M7988	Screw	8		M12 X 30, SUB FOR J781230
8	4071215	Coupling	1		SUB FOR FXV0000007
9	A853166	Adapter Fitting	1		INCLUDES AT318035
	AT318035	O-Ring	1		SUB FOR 4506424
10	T77858	O-Ring	2		SUB FOR 4187308
11	FYA00002708	Hose	1		
12	4174541	Fitting	1		INCLUDES 4506418, SUB FOR A885004
	4506418	O-Ring	1		
13	4189539	Adapter Fitting	1		INCLUDES AT318035
	AT318035	O-Ring	1		SUB FOR 4506424

Delivery Lines

TX1115957 A.1

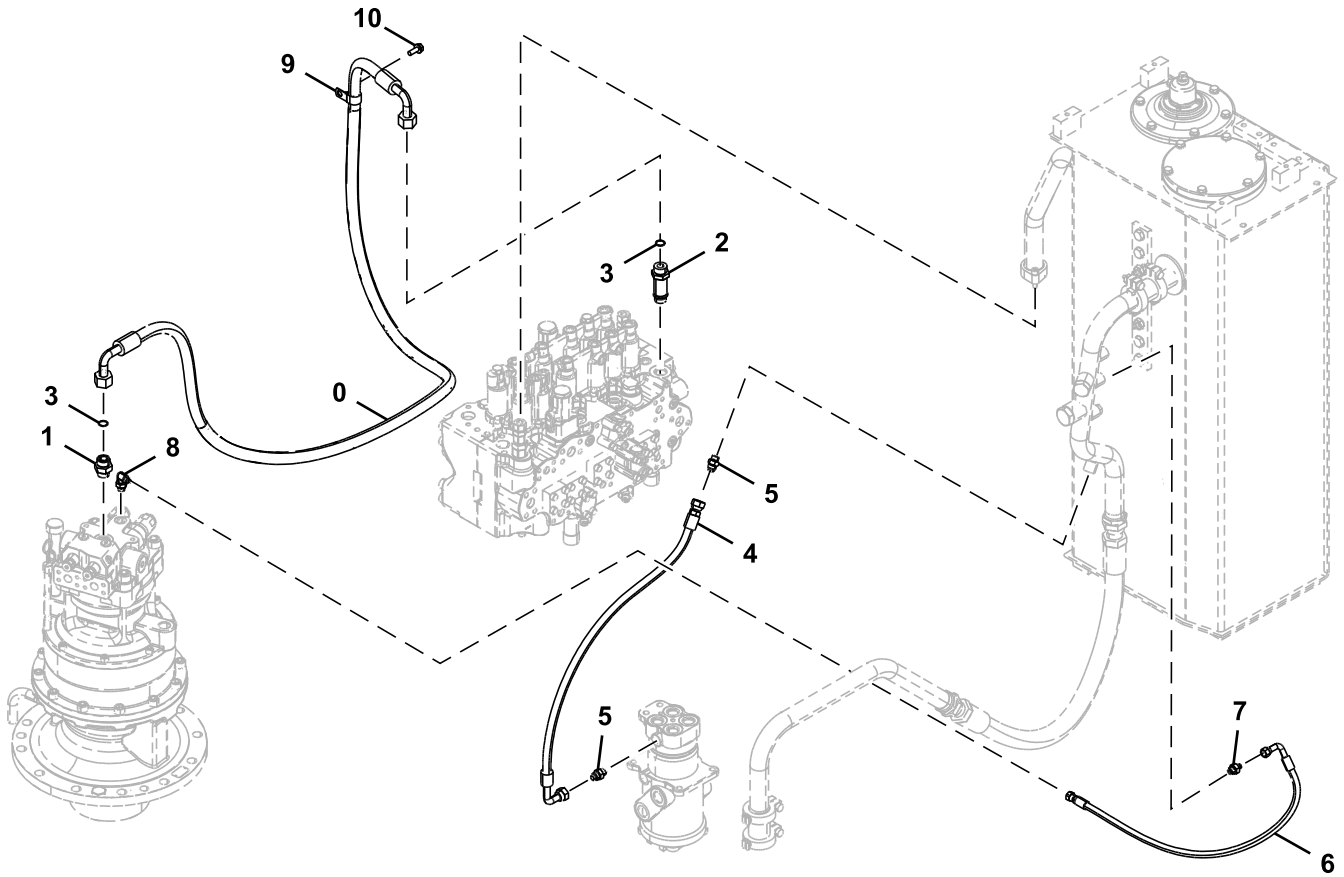


TX1115957

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	FYA00006290	Hose	1		ALSO ORDER (5) 4327294, FYA60017795 NLA
	4327294	Hose Guard	5		
1	FYA00006849	Hose	1		ALSO ORDER (4) 4327284, FYA60016281 NLA
	4327284	Hose Guard	4		
2	FYA00022113	Hose	1		ALSO ORDER (4) 4327294, FYA60016282 NLA
	4327294	Hose Guard	4		
3	8124756	Clamp	2		
4	.....	Screw With Washer	6		J271290 NLA
	19M7943	Cap Screw	6		M12 X 90, SUB FOR J901290
	24M7345	Washer	6		13.500 X 24 X 2.500 mm, SUB FOR J222012
5	4720568	Isolator	2		
6	8120722	Clamp	4		
7	4710535	Isolator	4		
8	4085560	Flange Fitting	12		
9	19M9163	Screw	12		M12 X 40, SUB FOR J781240
10	966993	O-Ring	6		
18	19M7496	Cap Screw	12		M12 X 45, SUB FOR J921245
19	24M7345	Washer	12		13.500 X 24 X 2.500 mm, SUB FOR J222012

Drain Lines

TX1115835 A.1



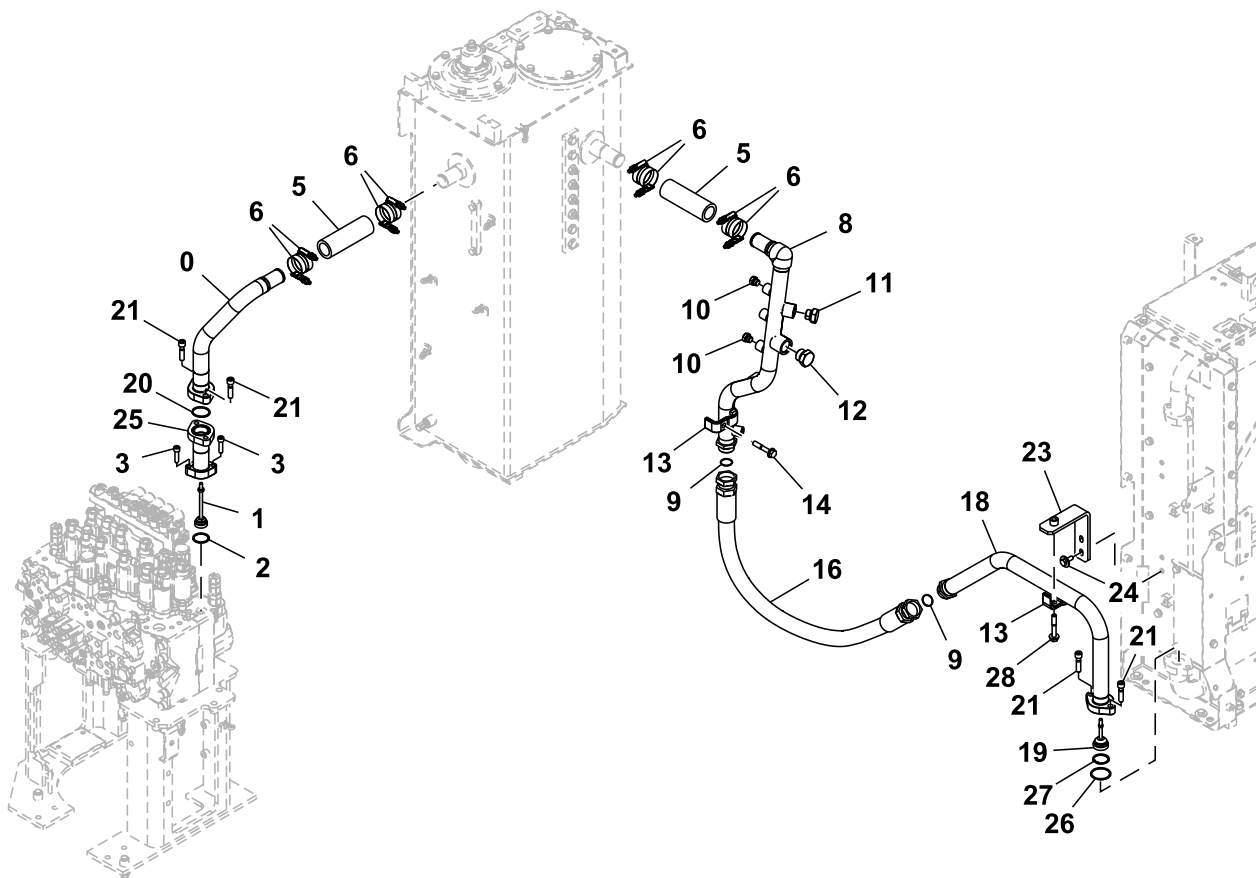
TX1115835

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	FYA00015269	Hose	1		ALSO ORDER (5) 4327294, FYA60016017 NLA
	4327294	Hose Guard	5		
1	A853166	Adapter Fitting	1		INCLUDES AT318035
	AT318035	O-Ring	1		SUB FOR 4506424
2	4230904	Adapter Fitting	1		
3	T77858	O-Ring	2		SUB FOR 4187308
4	4446905	Hydraulic Hose	1		
5	A852134	Adapter Fitting	2		INCLUDES 4622346
	4297380	O-Ring	1		SUB FOR 4622346 AND 4509180
6	4437738	Hydraulic Hose	1		
7	A852133	Adapter Fitting	1		INCLUDES 4622346
	4297380	O-Ring	1		SUB FOR 4622346 AND 4509180
8	A852333	Elbow Fitting	1		INCLUDES 4622346
	4297380	O-Ring	1		SUB FOR 4622346 AND 4509180
9	R72659	Clamp	1		SUB FOR 4190263
10	.....	Screw With Washer	1		J271030 NLA
	19M7662	Cap Screw	1		M10 X 30
	24M7346	Washer	1		11 X 20 X 2 mm



Return Lines (Control Valve To Hydraulic Oil Tank)

TX1210062 A.1

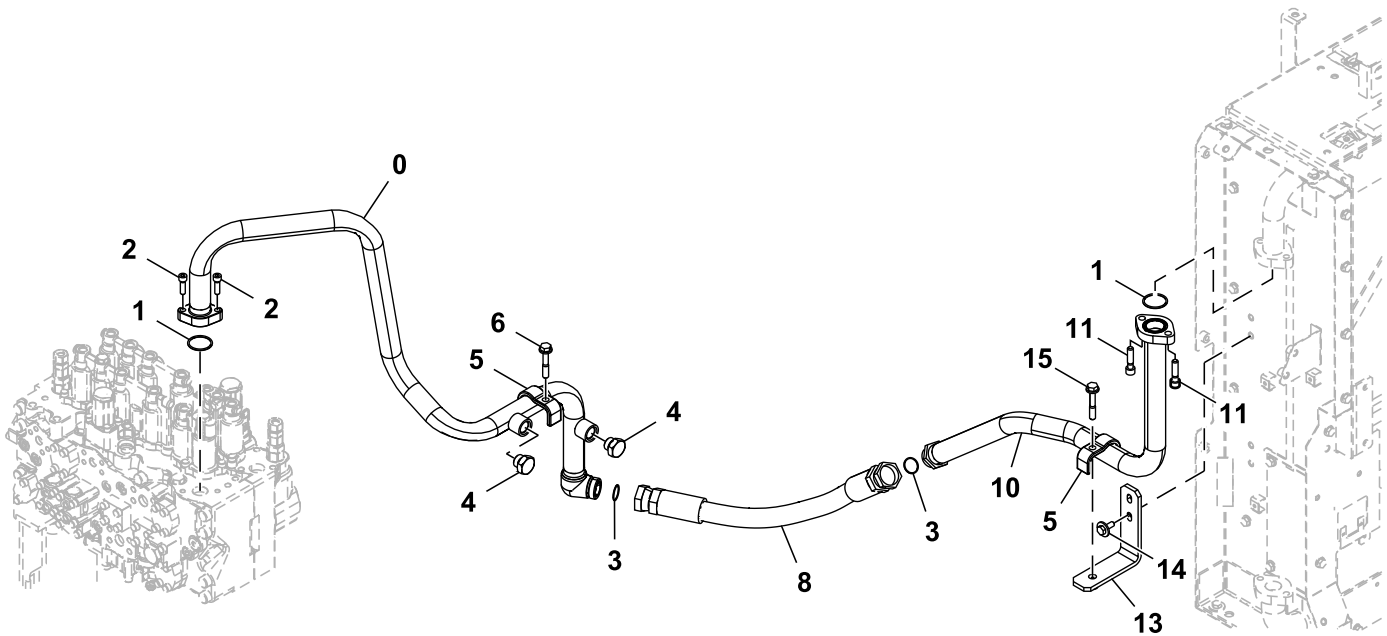


TX1210062

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	FYA40031319	Pipe	1		
1	4656988	Valve	1		Steering
2	A811040	O-Ring	1		
3	19M8338	Screw	2		M10 X 40, SUB FOR J781040
5	FYA00036014	Hose	2		
6	FXV00001254	Clamp	8		
8	FYA40004929	Pipe	1		
9	T78612	O-Ring	2		SUB FOR 4187329
10	A885003	Pipe Plug	2		INCLUDES 4622346
	4297380	O-Ring	1		SUB FOR 4622346 AND 4509180
11	A885006	Plug	1		INCLUDES AT318035
	AT318035	O-Ring	1		SUB FOR 4506424
12	A885008	Pipe Plug	1		INCLUDES TH101926
	TH101926	O-Ring	1		SUB FOR 4506429
13	4053698	Clamp	2		
14	.....	Screw With Washer	1		J271270 NLA
	19M7753	Cap Screw	1		M12 X 70, SUB FOR J901270
	24M7345	Washer	1		13.500 X 24 X 2.500 mm, SUB FOR J222012
16	4715728	Hose	1		
18	FYA40004930	Pipe	1		
19	4276584	Flow Control Hyd. Valve	1		
20	A811045	O-Ring	1		
21	19M8824	Screw	2		M12 X 50, SUB FOR J781250
23	FYA40004931	Bracket	1		
24	.....	Screw With Washer	2		J281030 NLA
	19M7662	Cap Screw	2		M10 X 30, SUB FOR J901030
	4486055	Washer	2		
25	FYA40031318	Pipe	1		
26	A811050	O-Ring	1		
27	40M1861	Snap Ring	1		SUB FOR 991718
28	.....	Screw With Washer	1		J271275
	19M8088	Cap Screw	1		M12 X 75, SUB FOR J901275
	24M7345	Washer	1		13.500 X 24 X 2.500 mm, SUB FOR J222012

Return Lines (Control Valve To Cooling Package)

TX1209926 A.1

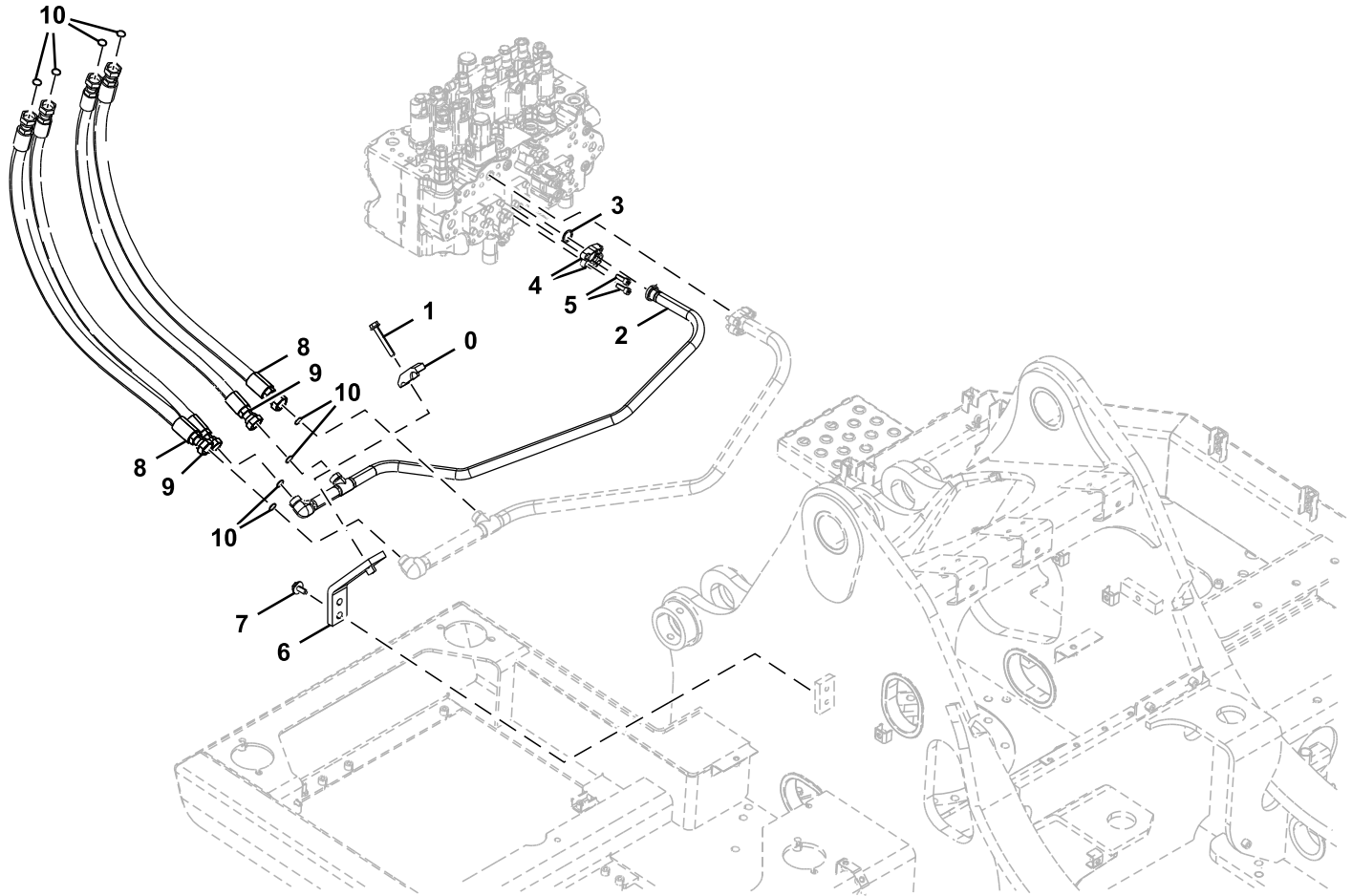


TX1209926

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	7059132	Pipe	1		
1	A811045	O-Ring	2		
2	19M8337	Screw	2		M10 X 30, SUB FOR J781035
3	T78612	O-Ring	2		SUB FOR 4187329
4	A885006	Plug	2		INCLUDES AT318035
	AT318035	O-Ring	1		SUB FOR 4506424
5	4053698	Clamp	2		
6	.....	Screw With Washer	1		J271270 NLA
	19M7753	Cap Screw	1		M12 X 70, SUB FOR J901270
	24M7345	Washer	1		13.500 X 24 X 2.500 mm, SUB FOR J222012
8	4723532	Hose	1		
10	FYA40028247	Pipe	1		
11	19M8824	Screw	2		M12 X 50, SUB FOR J781250
13	FYA40004931	Bracket	1		
14	.....	Screw With Washer	2		J281030 NLA
	19M7662	Cap Screw	2		M10 X 30, SUB FOR J901030
	4486055	Washer	2		
15	.....	Screw With Washer	1		J271275 NLA
	19M8088	Cap Screw	1		M12 X 75, SUB FOR J901275
	24M7345	Washer	1		13.500 X 24 X 2.500 mm, SUB FOR J222012

Boom Cylinder Lines

TX1116912 A.1

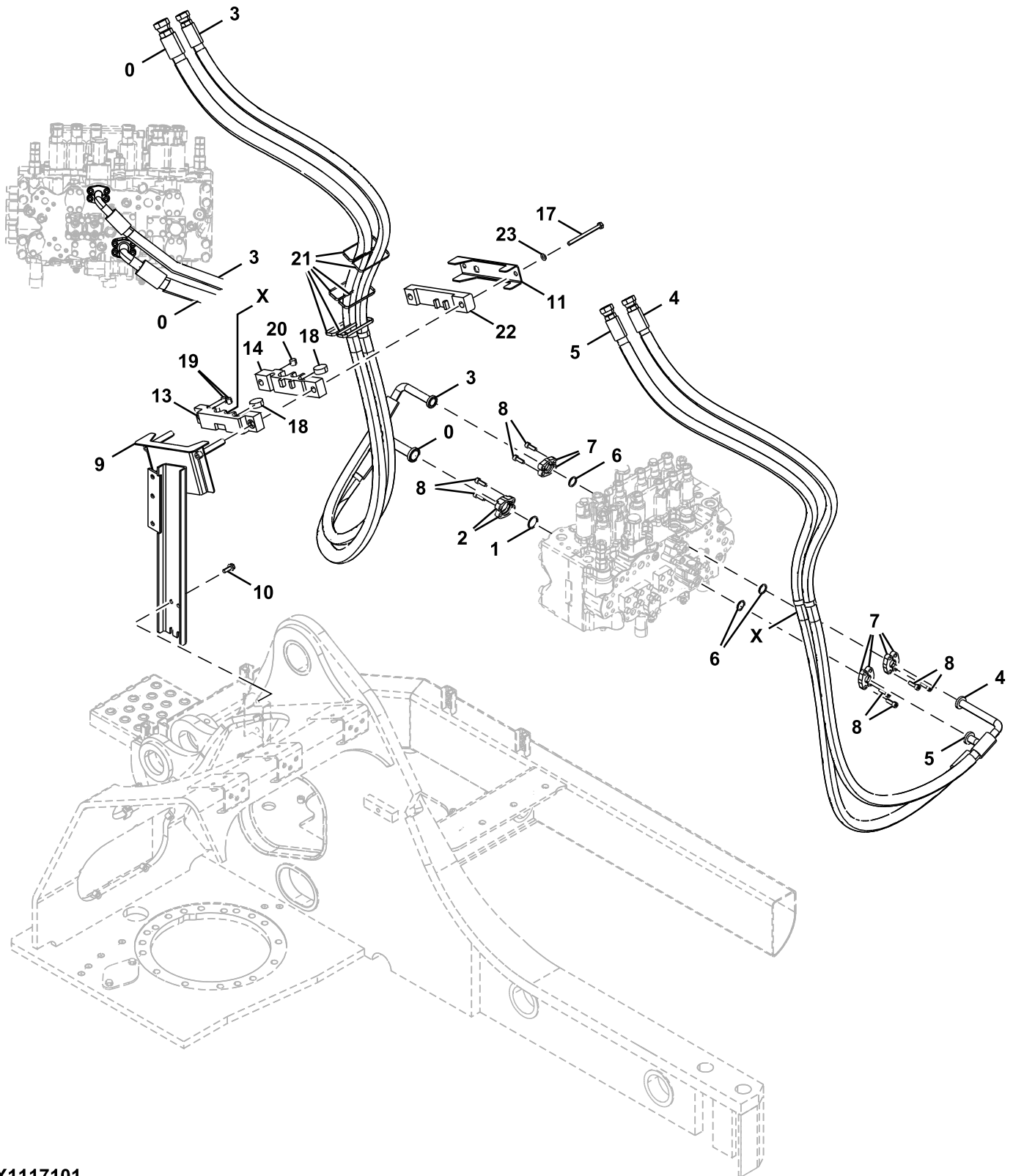


TX1116912

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	4153488	Clamp	1		
1	.....	Screw With Washer	1		J271285 NLA
	19M8122	Cap Screw	1		M12 X 85, SUB FOR J901285
	24M7345	Washer	1		13.500 X 24 X 2.500 mm, SUB FOR J222012
2	FYA40014244	Pipe	1		
3	T59014	O-Ring	1		SUB FOR 971489
4	R29424	Flange Fitting	2		SUB FOR 986910
5	19M7576	Screw	4		M10 X 30, SUB FOR J781030
6	FYA40012850	Bracket	1		
7	.....	Screw With Washer	2		J281230 NLA
	19M8011	Cap Screw	2		M12 X 30, SUB FOR J901230
	4249324	Washer	2		
8	4250060	Hydraulic Hose	2		
9	4716295	Hose	2		
10	T77858	O-Ring	8		SUB FOR 4187308

Hydraulic Lines (Control Valve To Boom)

TX1117101 A.1



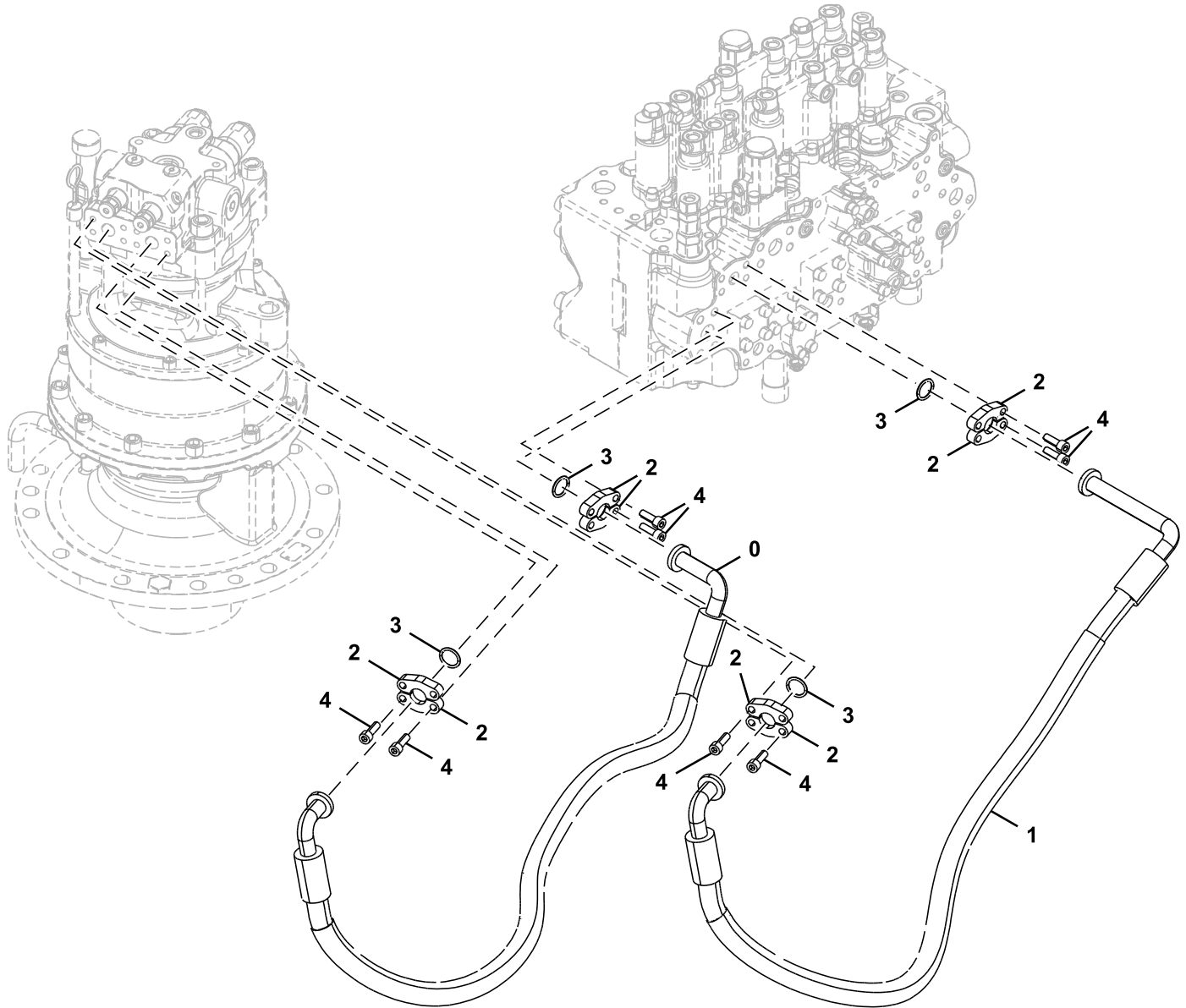
TX1117101

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	FYA00004662	Hose	1		FYA60017041 NLA
1	966993	O-Ring	1		
2	H61354	Flange Fitting	2		SUB FOR 962453
3	FYA00004661	Hose	1		FYA60017040 NLA
4	FYA00001910	Hose	1		FYA60017038 NLA
5	FYA00004363	Hose	1		FYA60017039 NLA
6	T59014	O-Ring	3		SUB FOR 971489
7	R29424	Flange Fitting	6		SUB FOR 986910
8	19M7576	Screw	16		M10 X 30, SUB FOR J781030
9	FYA40012753	Support	1		
10	.....	Screw With Washer	4		J271030 NLA
	19M7662	Cap Screw	4		M10 X 30
	24M7346	Washer	4		11 X 20 X 2 mm
11	FYA00019327	Bracket	1		
13	FYA00008881	Hose Clamp	1		
14	FYA00008882	Hose Clamp	1		
17	19M7638	Cap Screw	2		M10 X 130, SUB FOR J901006
18	4657948	Plug	2		
19	4678799	Plug	2		
20	4727853	Plug	1		
21	H77698	Tie Band	8		SUB FOR 4121859
22	FYA00008883	Hose Clamp	1		
23	A590110	Washer	2		



Swing Motor Lines

TX1115838 A.1

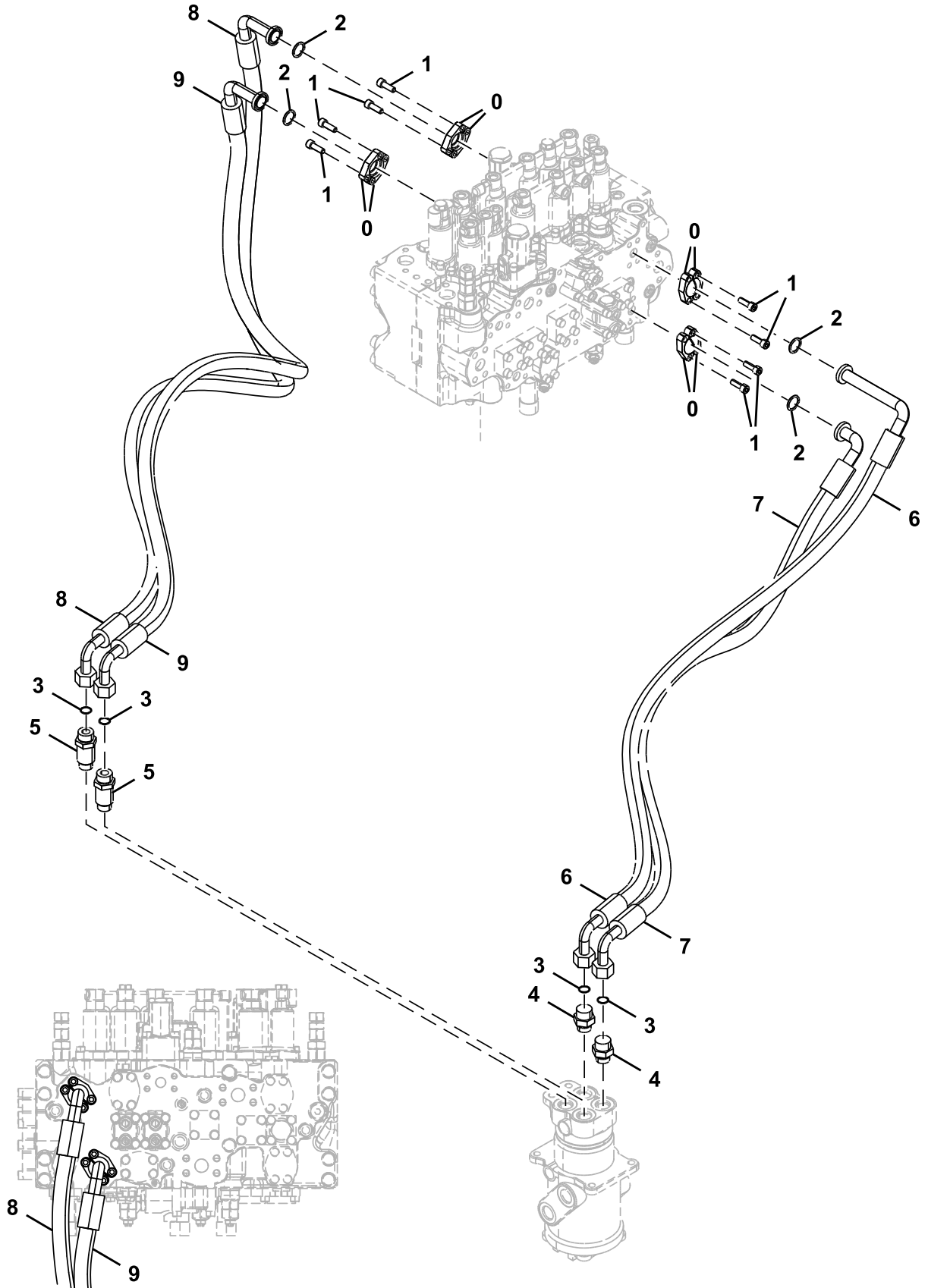


TX1115838

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	FXV00000527	Hose	1		ALSO ORDER (4) 4327294, FYA60026615 NLA
	4327294	Hose Guard	4		
1	4726165	Hose	1		ALSO ORDER (3) 4327294, 9324934 NLA
	4327294	Hose Guard	3		
2	R29424	Flange Fitting	8		SUB FOR 986910
3	T59014	O-Ring	4		SUB FOR 971489
4	19M7576	Screw	16		M10 X 30, SUB FOR J781030

Hydraulic Lines (Control Valve To Rotary Manifold)

TX1116911 A.1

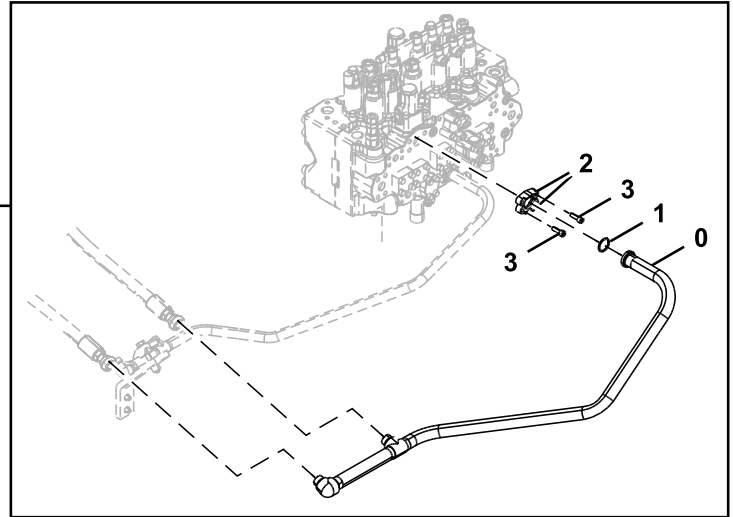
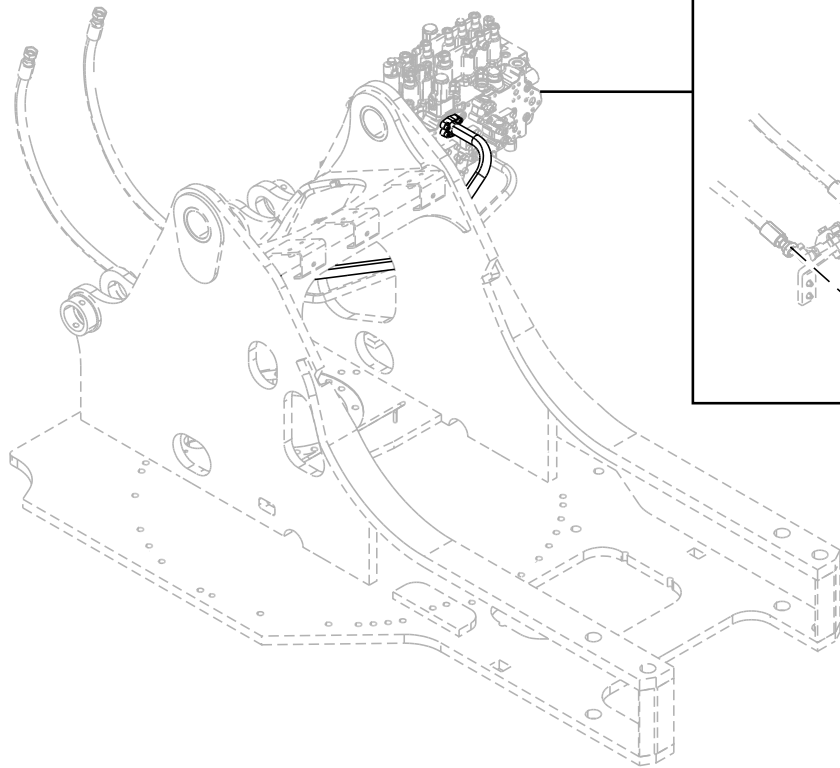


TX1116911

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	R29424	Flange Fitting	8		SUB FOR 986910
1	19M7576	Screw	16		M10 X 30, SUB FOR J781030
2	T59014	O-Ring	4		SUB FOR 971489
3	T77858	O-Ring	4		SUB FOR 4187308
4	A853166	Adapter Fitting	2		INCLUDES AT318035
	AT318035	O-Ring	1		SUB FOR 4506424
5	4189539	Adapter Fitting	2		INCLUDES AT318035
	AT318035	O-Ring	1		SUB FOR 4506424
6	4726166	Hose	1		ALSO ORDER (3) 4327294, 9324935 NLA
	4327294	Hose Guard	3		
7	4726167	Hose	1		ALSO ORDER (3) 4327294, 9324936 NLA
	4327294	Hose Guard	3		
8	FYA00023363	Hose	1		ALSO ORDER (7) 4327294, FYA60018035 NLA
	4327294	Hose Guard	7		
9	FYA00023362	Hose	1		ALSO ORDER (6) 4327294, FYA60018034 NLA
	4327294	Hose Guard	6		

**Boom Bottom Lines**

TX1117102 A.1



**TX1117102**

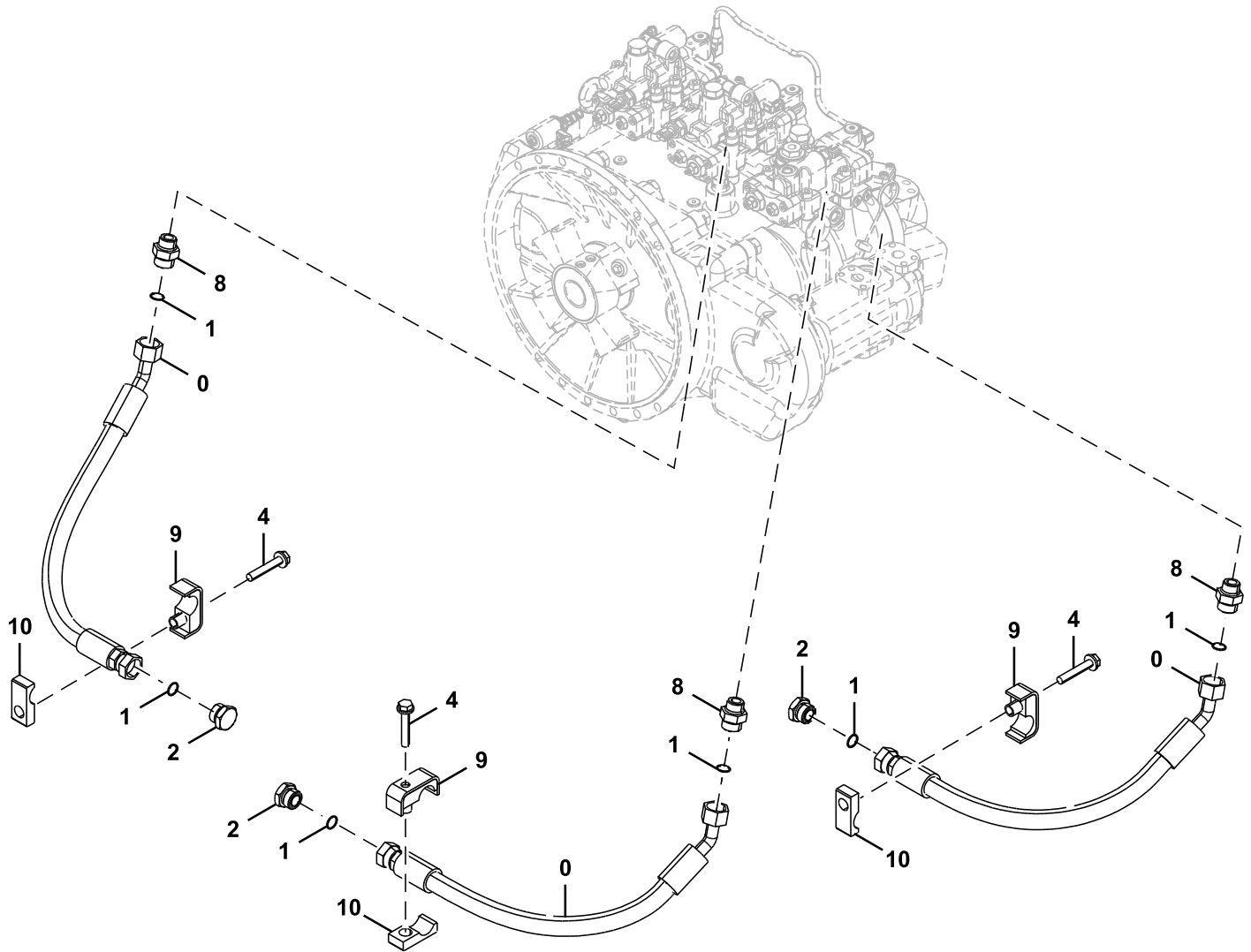
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Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	FYA40014245	Pipe	1		
1	966993	O-Ring	1		
2	H61354	Flange Fitting	2		SUB FOR 962453
3	19M7576	Screw	4		M10 X 30, SUB FOR J781030

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Attenuator Lines

TX1115840 A.1



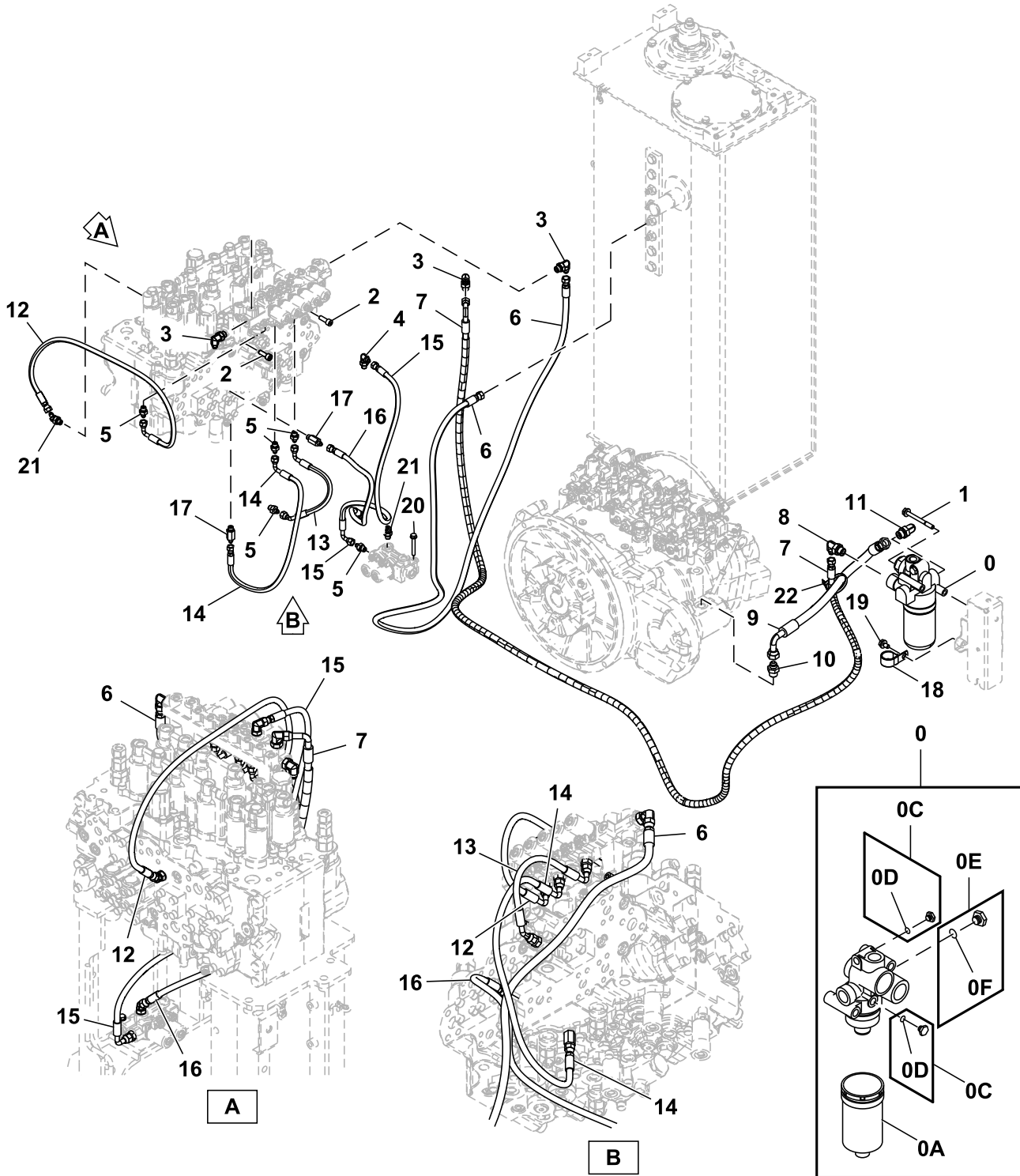
TX1115840

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	4668041	Hose	3		
1	4187308	O-Ring	6		
2	4209823	Fitting Plug	3		
4	.....	Screw With Washer	3		J271270 NLA
	19M7553	Cap Screw	3		SUB FOR J271270
	24M7345	Washer	3		13.500 X 24 X 2.500 mm, SUB FOR J271270
8	A853166	Adapter Fitting	3		INCLUDES AT318035
	AT318035	O-Ring	1		SUB FOR 4506424
9	8085521	Clamp	3		
10	4462051	Isolator	3		



Pilot Oil Filter And Lines

TX1210359 A.1

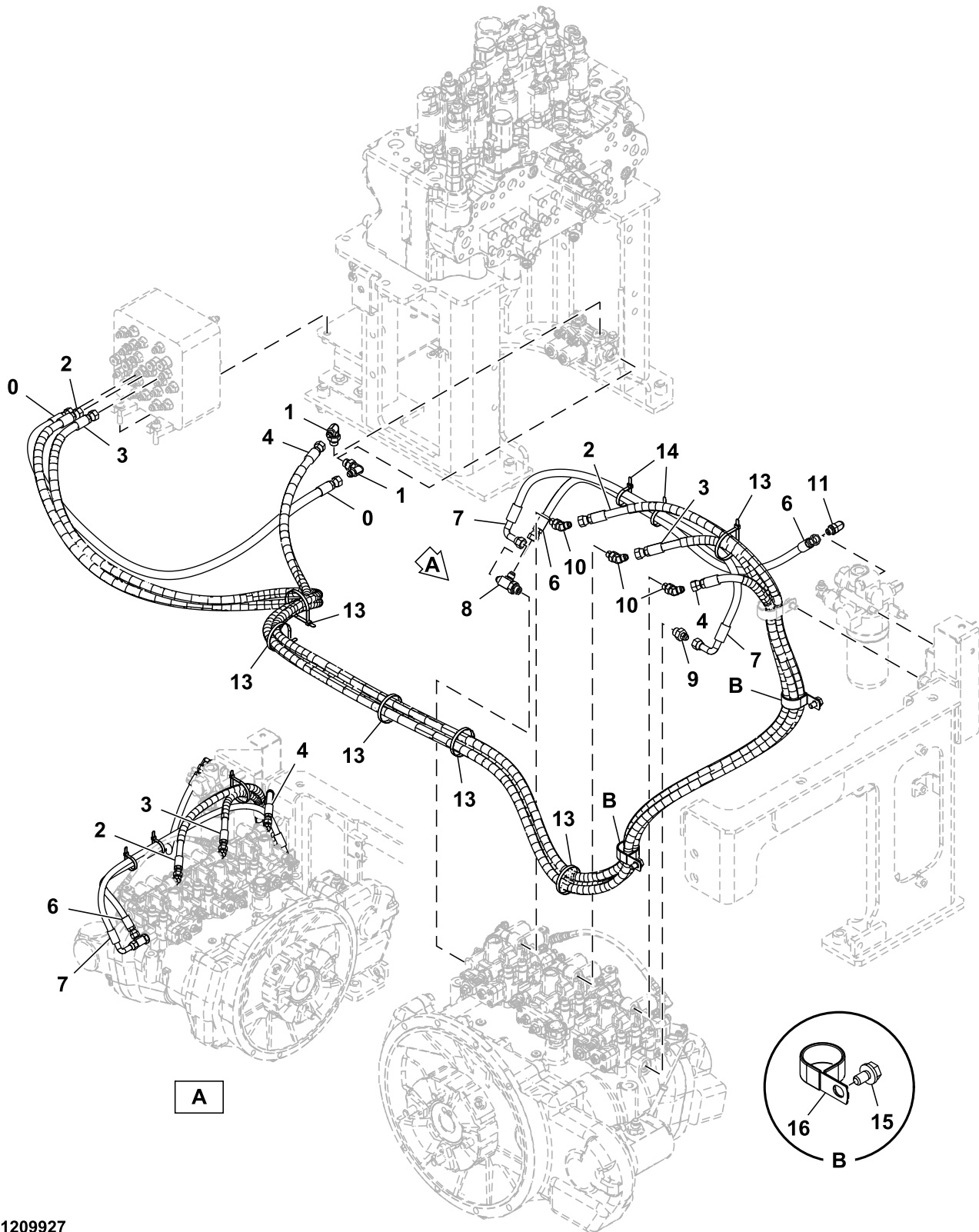


TX1210359

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	4629717	Filter	1		Pilot Oil
0A	4630525	Filter Element	1		
0C	A885002	Plug	2		
0D	957366	O-Ring	1		
0E	4174541	Fitting	1		SUB FOR A885004
0F	4506418	O-Ring	1		
1	.....	Screw With Washer	2		J271000 NLA
	19M7668	Cap Screw	2		M10 X 100, SUB FOR J901000
	24M7346	Washer	2		11 X 20 X 2 mm, SUB FOR J222010
2	19M7576	Screw	2		M10 X 30, SUB FOR J781030
3	A852333	Elbow Fitting	3		INCLUDES 4622346
	4297380	O-Ring	1		SUB FOR 4622346 OR 4509180
4	4154670	Elbow Fitting	1		INCLUDES 957366, SUB FOR A852322
	957366	O-Ring	1		
5	A852122	Adapter Fitting	5		INCLUDES 957366
	957366	O-Ring	1		
6	4706926	Hose	1		
7	.....	Hose	1		ORDER 4656363 AND (6) 4327293, FYA60045418 NLA
	4656363	Hose	1		
	4327293	Guard	6		
8	A852343	Elbow Fitting	1		INCLUDES 4506418
	4506418	O-Ring	1		
9	4282549	Hydraulic Hose	1		SUB FOR 4471126
10	A852144	Adapter Fitting	1		INCLUDES 4506418
	4506418	O-Ring	1		
11	A852344	Elbow Fitting	1		INCLUDES 4506418
	4506418	O-Ring	1		
12	4724787	Hose	1		
13	FYA00013483	Hose	1		
14	4722667	Hose	1		
15	4721436	Hose	1		
16	4693173	Hydraulic Hose	1		
17	4270517	Adapter Fitting	2		INCLUDES 957366
	957366	O-Ring	1		
18	4193848	Clip	1		SUB FOR 4190264
19	.....	Screw With Washer	1		J271020 NLA
	19M7938	Cap Screw	1		M10 X 20, SUB FOR J901020
	24M7346	Washer	1		11 X 20 X 2 mm, SUB FOR J222010
20	.....	Screw With Washer	2		J260860 NLA
	19M6451	Cap Screw	2		M8 X 60, SUB FOR J900860
	24M7055	Washer	2		8.400 X 16 X 1.600 mm, SUB FOR A590108
21	A852222	Union Fitting	2		INCLUDES 957366
	957366	O-Ring	1		
22	H77698	Tie Band	1		SUB FOR 4055312

Pilot Lines, Pump to Pilot Signal Manifold

TX1209927 A.1

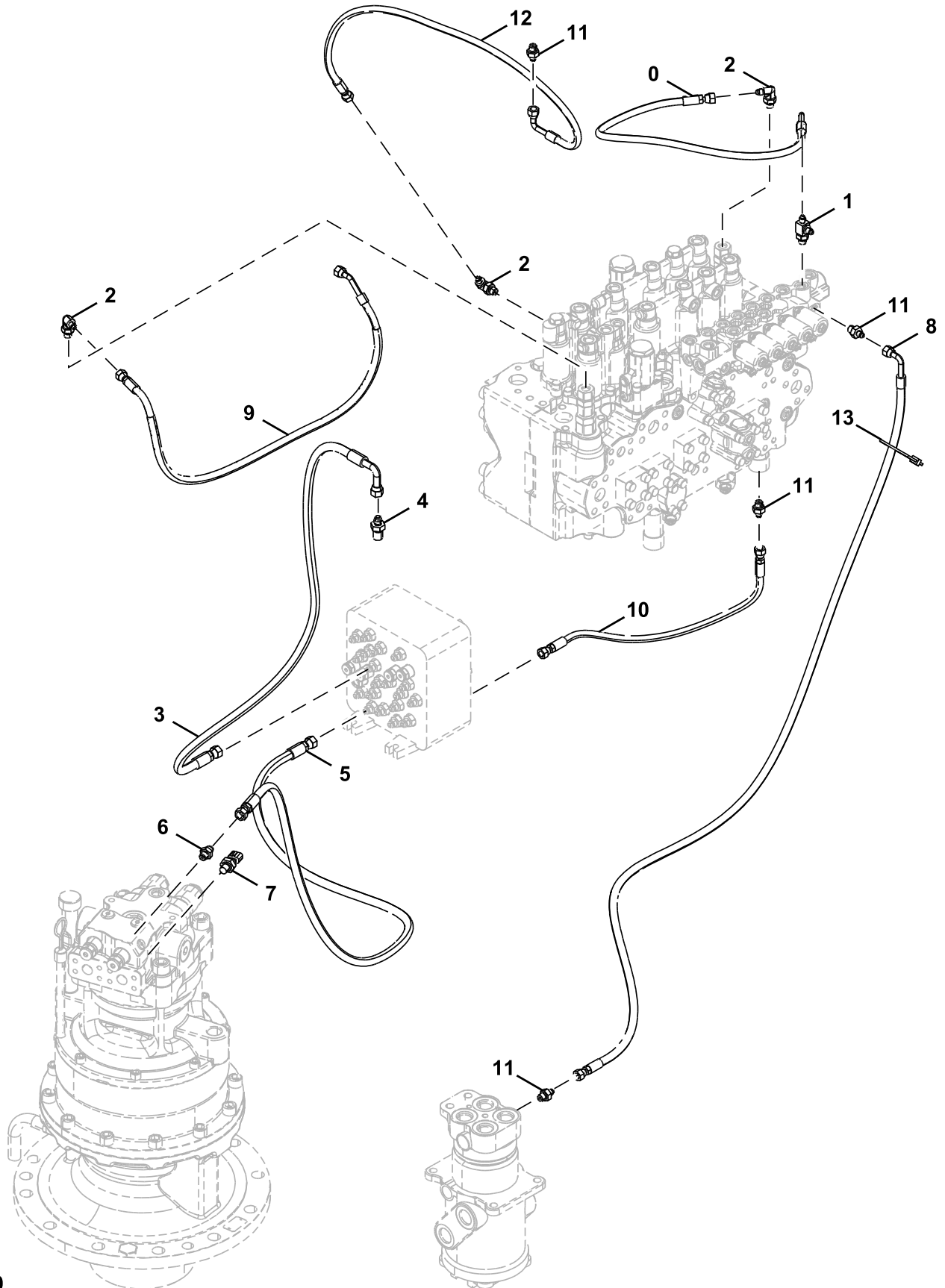


TX1209927

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	4716217	Hose	1		SA1
1	A852333	Elbow Fitting	2		INCLUDES 4622346
	4622346	O-Ring	1		SUB FOR 4509180 OR 4297380
2	4720713	Hose	1		SB, ALSO ORDER (8) 4327293
	4327293	Guard	8		
3	4428852	Hose	1		SX, ALSO ORDER (9) 4327293
	4327293	Guard	9		
4	4659746	Hose	1		SA2, ALSO ORDER (5) 4327293
	4327293	Guard	5		
6	4726346	Hose	1		PC
7	4718481	Hose	1		PC2
8	A852433	Tee Fitting	1		INCLUDES 4622346
	4297380	O-Ring	1		SUB FOR 4509180 OR 4622346
9	A852133	Adapter Fitting	1		INCLUDES 4622346
	4297380	O-Ring	1		SUB FOR 4509180 OR 4622346
10	A852223	Elbow Fitting	3		INCLUDES 957366
	957366	O-Ring	1		
11	A852323	Elbow Fitting	1		INCLUDES 957366
	957366	O-Ring	1		
13	H77698	Tie Band	6		SUB FOR 4055312
14	4055311	Clip	2		
15	.....	Screw With Washer	2		J271020 NLA
	19M7938	Cap Screw	2		M10 X 20, SUB FOR J901020
	24M7346	Washer	2		11 X 20 X 2 mm, SUB FOR J222010
16	4193848	Clip	2		SUB FOR 4190291

Pilot Line (Pilot Signal Manifold To Swing Motor)

TX1115960 A.1

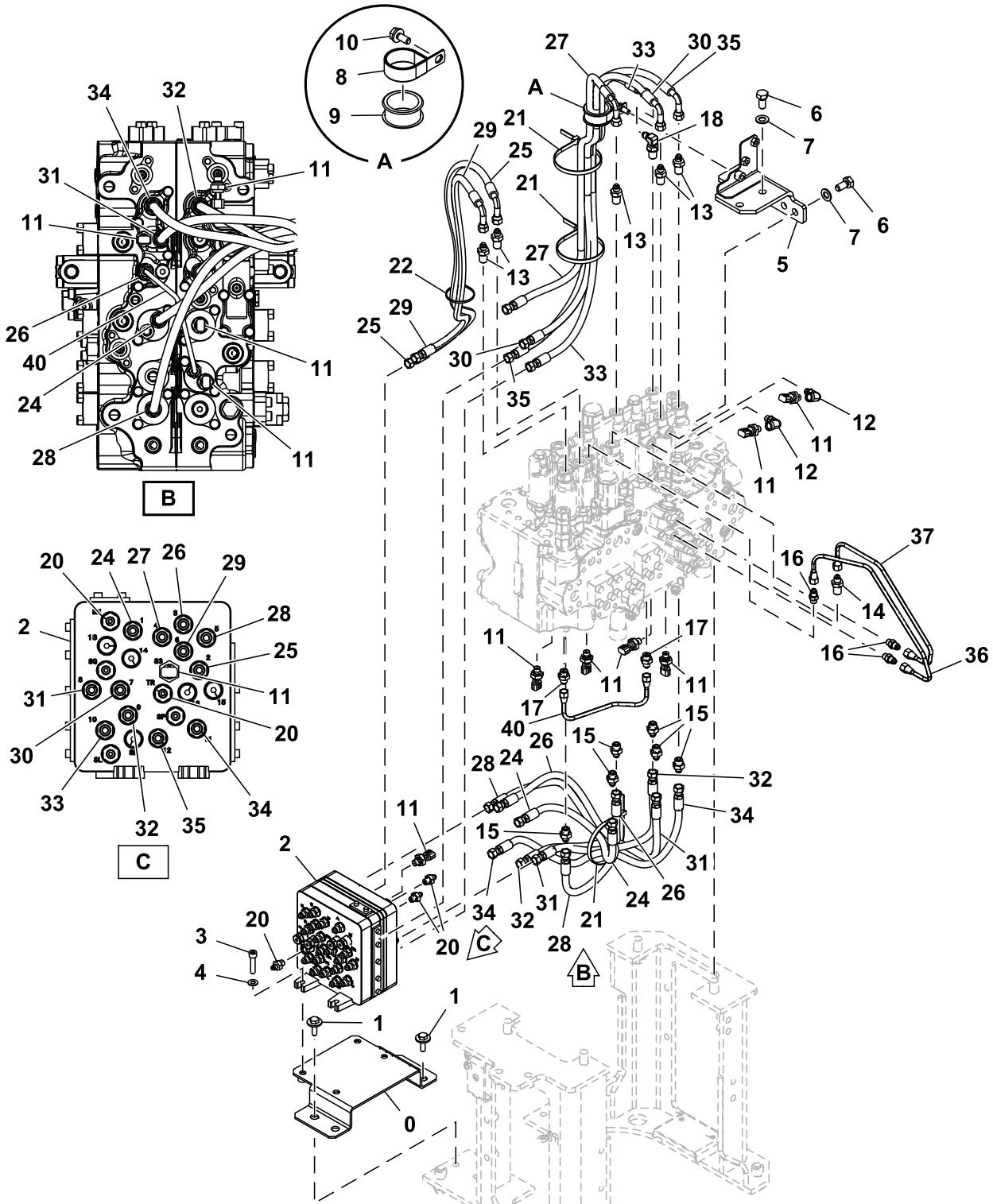


TX1115960

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	4726356	Hose	1		
1	A852422	Tee Fitting	1		INCLUDES 957366
	957366	O-Ring	1		
2	4154670	Elbow Fitting	3		INCLUDES 957366, SUB FOR A852322
	957366	O-Ring	1		
3	4726353	Hose	1		
4	4202422	Adapter Fitting	1		INCLUDES 4622346
	4297380	O-Ring	1		SUB FOR 4622346 OR 4509180
5	4716739	Hose	1		
6	A852123	Adapter Fitting	1		INCLUDES 957366
	957366	O-Ring	1		
7	4436535	Sensor	1		Pressure, INCLUDES 957366
	957366	O-Ring	1		
8	4436309	Hydraulic Hose	1		SUB FOR 4726363
9	4726357	Hose	1		ALSO ORDER 4327315, FYA60016001 NLA
	4327315	Hose Guard	2		4327293 NLA
10	4716221	Hose	1		
11	A852122	Adapter Fitting	4		INCLUDES 957366
	957366	O-Ring	1		
12	4724785	Hose	1		
13	H77698	Tie Band	1		SUB FOR 4055312

Pilot Lines (Control Valve To Pilot Signal Manifold)

TX1210337 A.1



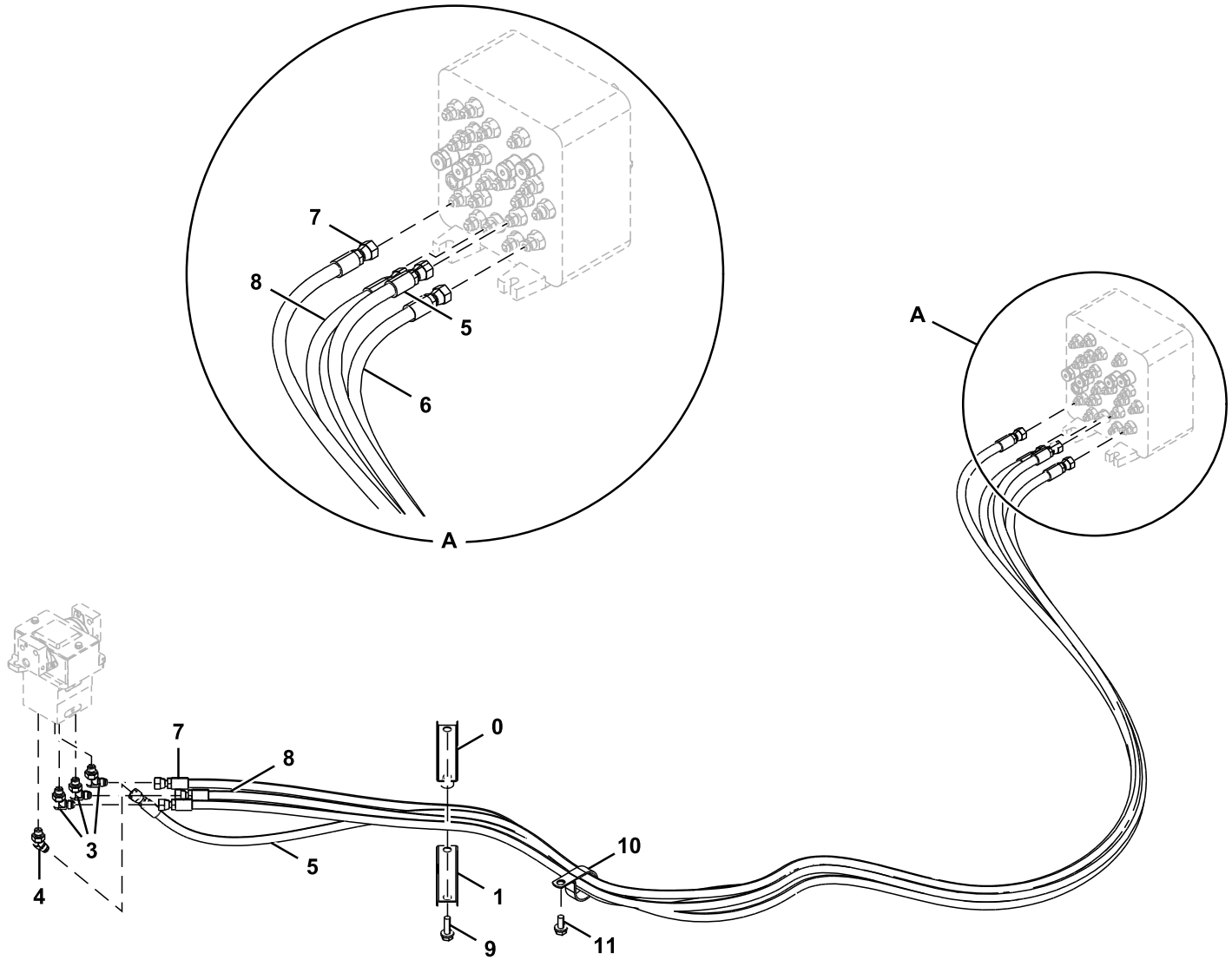
TX1210337

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	7060770	Bracket	1		
1	..... 19M7550	Screw With Washer Cap Screw	4 4		J281035 NLA M10 X 35, SUB FOR J901035
	4486055	Washer	4		
2	4695888	Valve	1		Components On Separate Pages
3	J781045	Screw	4		
4	24M7028	Washer	4		10.500 X 20 X 2 mm, SUB FOR A590110
5	FYA40001173	Bracket	1		
6	19M7877	Cap Screw	4		M14 X 30, SUB FOR J901430
7	24M7085	Washer	4		15 X 28 X 2.500 mm, SUB FOR A590114
8	N198631	Clamp	1		SUB FOR 4190265
9	4676420	Bushing	1		
10	..... 19M7402 24M7346	Screw With Washer Cap Screw Washer	1 1 1		J271025 NLA M10 X 25, SUB FOR J901025 11 X 20 X 2 mm, SUB FOR J222010
11	4436535 957366	Sensor O-Ring	7 1		Pressure, INCLUDES 957366
12	4376846	Elbow Fitting	2		INCLUDES 957366
	957366	O-Ring	1		
13	4202422 4297380	Adapter Fitting O-Ring	5 1		INCLUDES 4622346 SUB FOR 4622346 OR 4509180
14	4339541 4297380	Fitting O-Ring	1 1		INCLUDES 4622346 SUB FOR 4622346 OR 4509180
15	A852133	Adapter Fitting	6		INCLUDES 4622346
	4297380	O-Ring	1		SUB FOR 4622346 OR 4509180
16	4255304 957366	Fitting O-Ring	3 1		INCLUDES 957366
17	4255305 4622346	Fitting O-Ring	2 1		INCLUDES 4622346 SUB FOR 4674883
18	4208913	Adapter Fitting	1		INCLUDES 4622346
	4622346	O-Ring	1		SUB FOR 4674883
20	A852122 957366	Adapter Fitting O-Ring	3 1		INCLUDES 957366
21	H77698	Tie Band	3		SUB FOR 4323613
22	H77698	Tie Band	1		SUB FOR 4055312
24	4716224	Hose	1		1
25	4726364	Hose	1		2
26	4716226	Hose	1		3
27	4716227	Hose	1		4
28	4655855	Hose	1		5
29	4726374	Hose	1		6
30	4657608	Hose	1		7
31	4716230	Hose	1		8
32	4716231	Hose	1		9
33	4726351	Hose	1		10
34	4655849	Hose	1		11
35	4716233	Hose	1		12
36	FYA00016112	Pipe	1		
37	FYA00016113	Pipe	1		
40	FYA00029609	Pipe	1		



Pilot Lines (Pilot Signal Manifold To Pilot Valve)

TX1115843 B.1

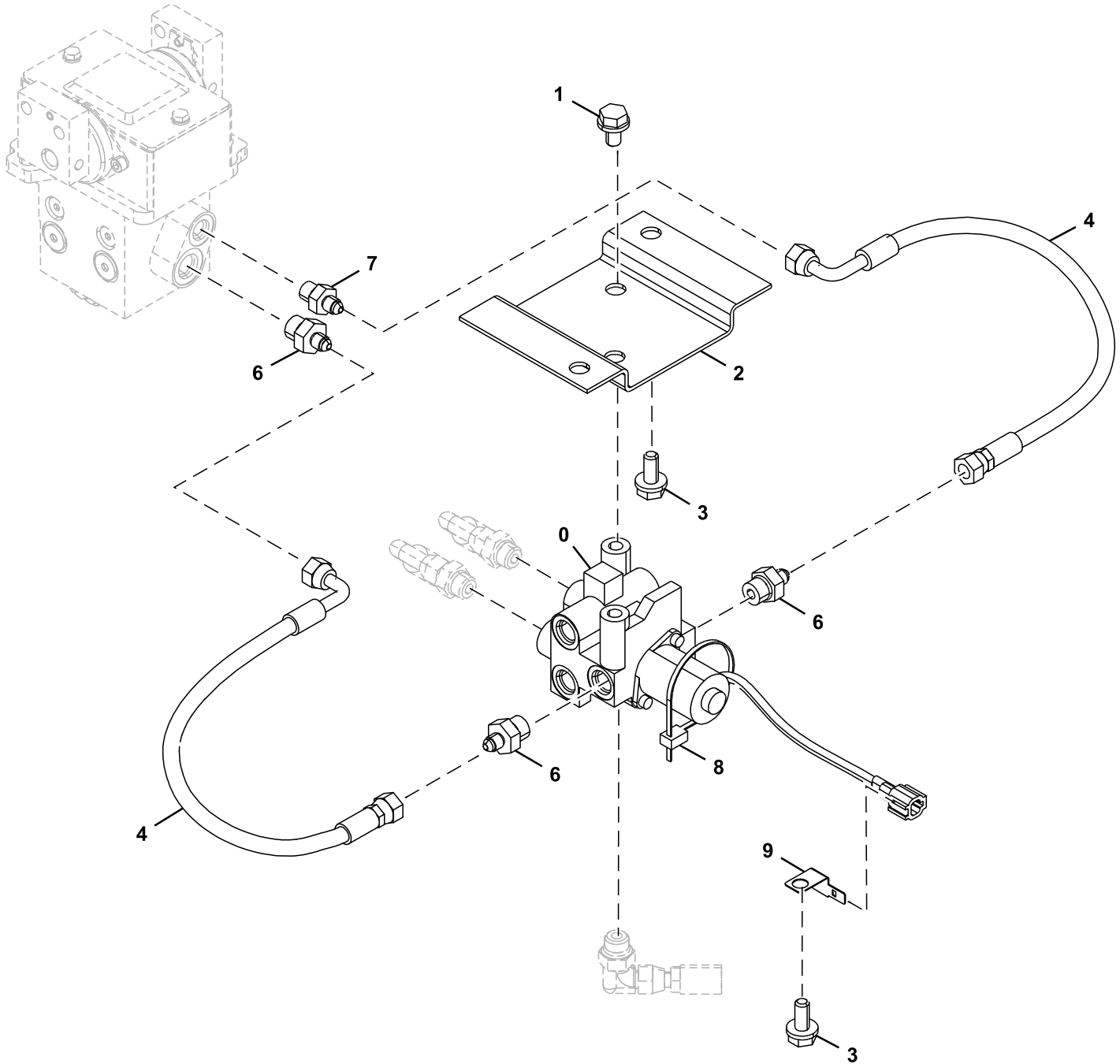


TX1115843

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	9751787	Clamp	1		
1	4412666	Clamp	1		
3	A852323	Elbow Fitting	3		INCLUDES 957366
	957366	O-Ring	1		
4	A852223	Elbow Fitting	1		INCLUDES 957366
	957366	O-Ring	1		
5	4704066	Hose	1		SUB FOR 4436687
6	4716234	Hose	1		
7	4704066	Hose	1		SUB FOR4431843
8	4701773	Hydraulic Hose	1		SUB FOR 4382709
9	.....	Screw With Washer	2		J271035 NLA
	19M7550	Cap Screw	2		M10 X 35, SUB FOR J901035
	24M7346	Washer	2		11 X 20 X 2 mm, SUB FOR J222010
10	N198631	Clamp	1		SUB FOR 4190265
11	.....	Screw With Washer	1		J271025 NLA
	19M7402	Cap Screw	1		M10 X 25, J271025
	24M7346	Washer	1		11 X 20 X 2 mm, SUB FOR J222010

Pilot Lines, Propel Pilot Valve To Pilot Shutoff Valve

TX1115845 B.1

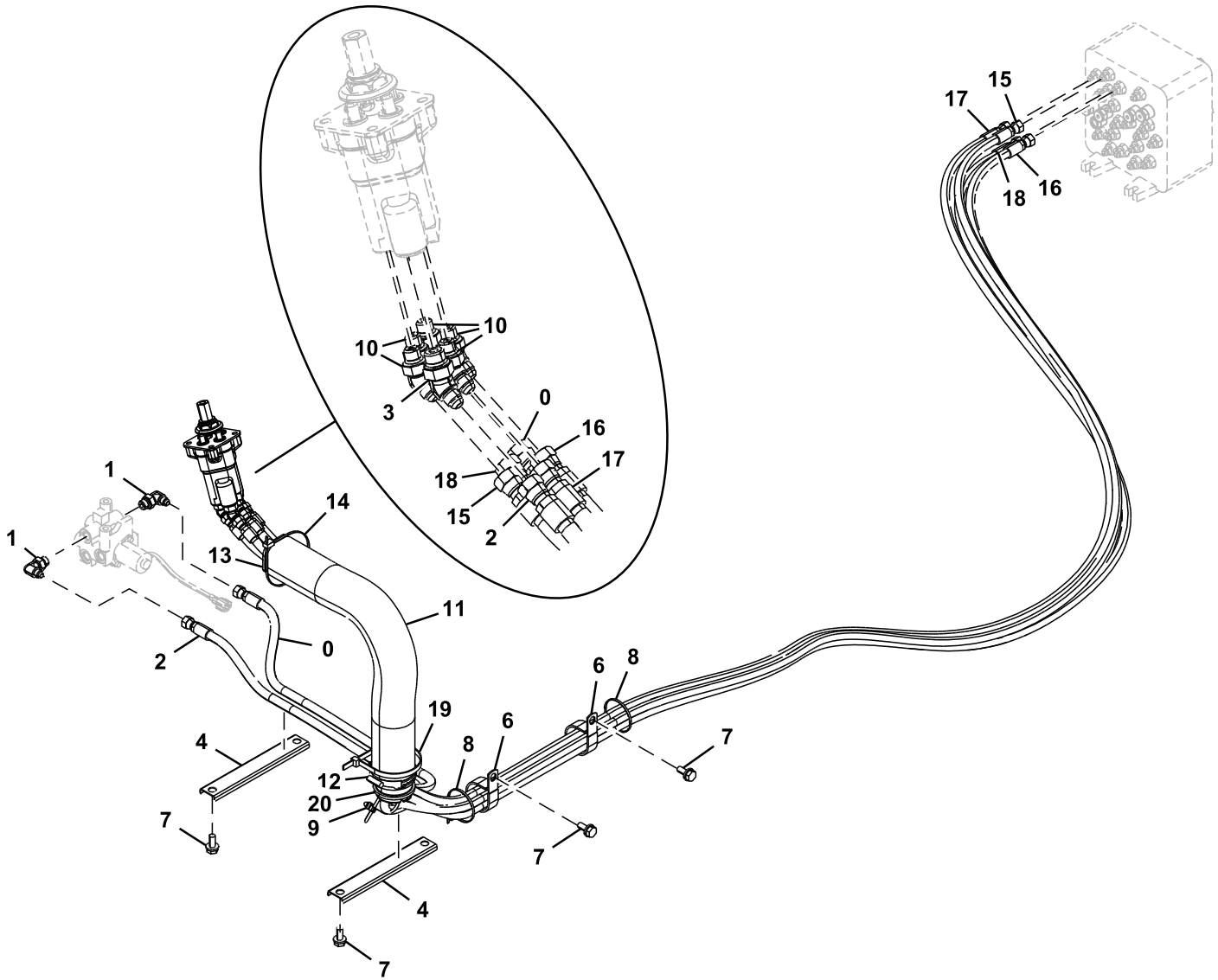


TX1115845

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	4609630	Valve	1		Pilot Shutoff Valve, Components On Separate Page
1	.....	Screw With Washer	2		J271020 NLA
	19M7938	Cap Screw	2		M10 X 20, SUB FOR J901020
	24M7346	Washer	2		11 X 20 X 2 mm, SUB FOR J222010
2	4636032	Bracket	1		
3	.....	Screw With Washer	3		J271025 NLA
	19M7402	Cap Screw	3		M10 X 25, SUB FOR J901025
	24M7346	Washer	3		11 X 20 X 2 mm, SUB FOR J222010
4	4442219	Hydraulic Hose	2		
6	A852132	Adapter Fitting	3		INCLUDES 4622346
	4297380	O-Ring	1		SUB FOR 4622346 OR 4509180
7	A852122	Adapter Fitting	1		INCLUDES 957366
	957366	O-Ring	1		
8	H77698	Tie Band	1		SUB FOR 4055312
9	4602634	Bracket	1		SUB FOR 4257159

Pilot Lines, Pilot Signal Manifold to Left Pilot Controller

TX1115846 A.1

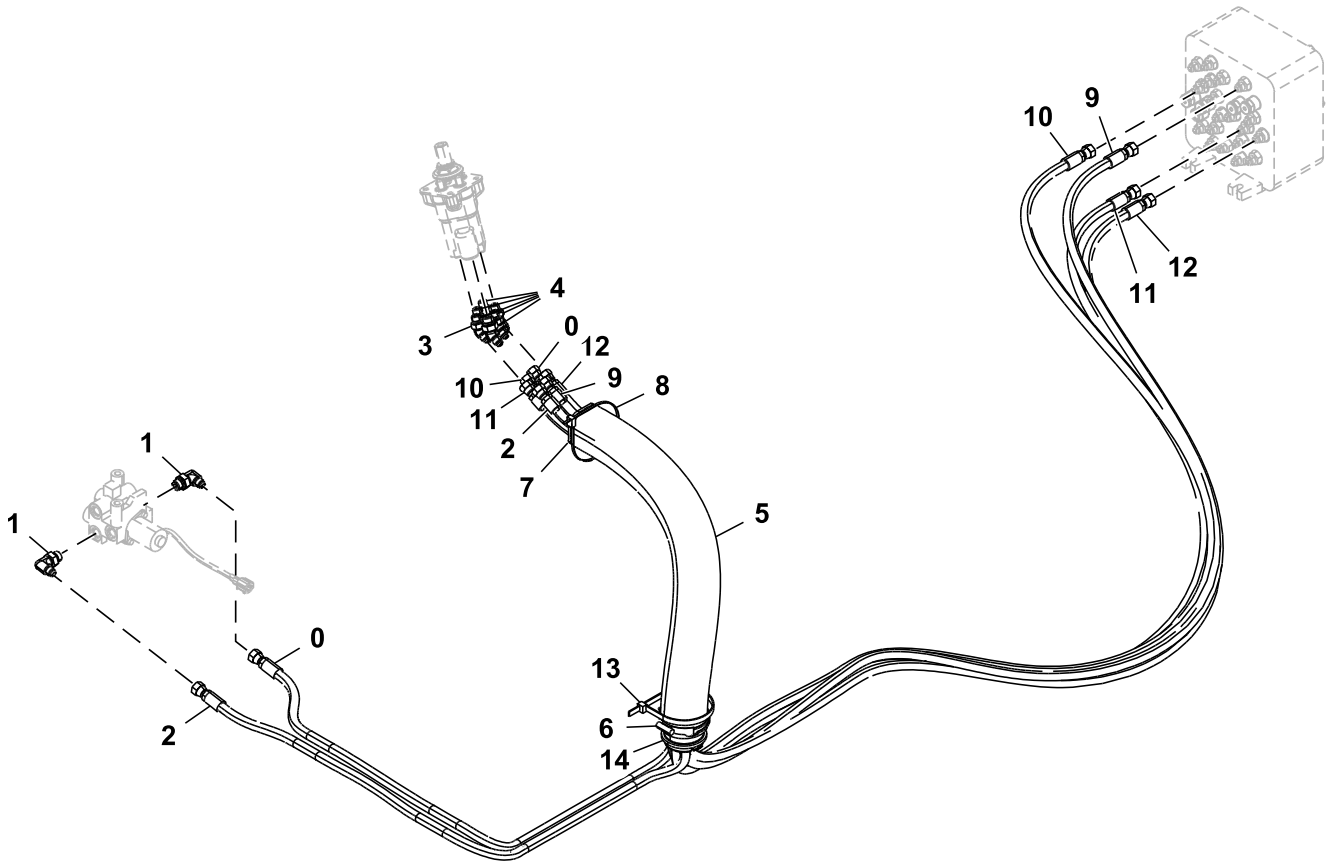


TX1115846

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	4724922	Hose	1		
1	A852333 4297380	Elbow Fitting O-Ring	2 1		INCLUDES 4297380 SUB FOR 4622346 OR 4509180
2	4693123	Hose	1		
3	A852233 4297380	Elbow Fitting O-Ring	1 1		INCLUDES 4297380 SUB FOR 4622346 OR 4509180
4	4436124	Clamp	2		
6	N198631	Clamp	2		SUB FOR 4190265
7	..... 19M7402	Screw With Washer Cap Screw	6 6		J271025 NLA M10 X 25, SUB FOR J901025
8	24M7346 H77698	Washer Tie Band	6 2		11 X 20 X 2 mm, SUB FOR J222010 SUB FOR 4055312
9	4254600	Clip	1		
10	A852223 957366	Elbow Fitting O-Ring	5 1		INCLUDES 957366
11	4629782	Hose Guard	1		
12	4351774	Clamp	1		
13	3079728	Bushing	1		
14	4323613	Clip	1		
15	4627402	Hose	1		SUB FOR 4603607
16	4627402	Hose	1		SUB FOR 4437076
17	4627402	Hose	1		SUB FOR 4603608
18	4627402	Hose	1		SUB FOR 4470006
19	H77698	Tie Band	1		SUB FOR 4121859
20	FYA00000261	Bushing	1		

Pilot Lines, Pilot Signal Manifold to Right Pilot Controller

TX1115847 B.1



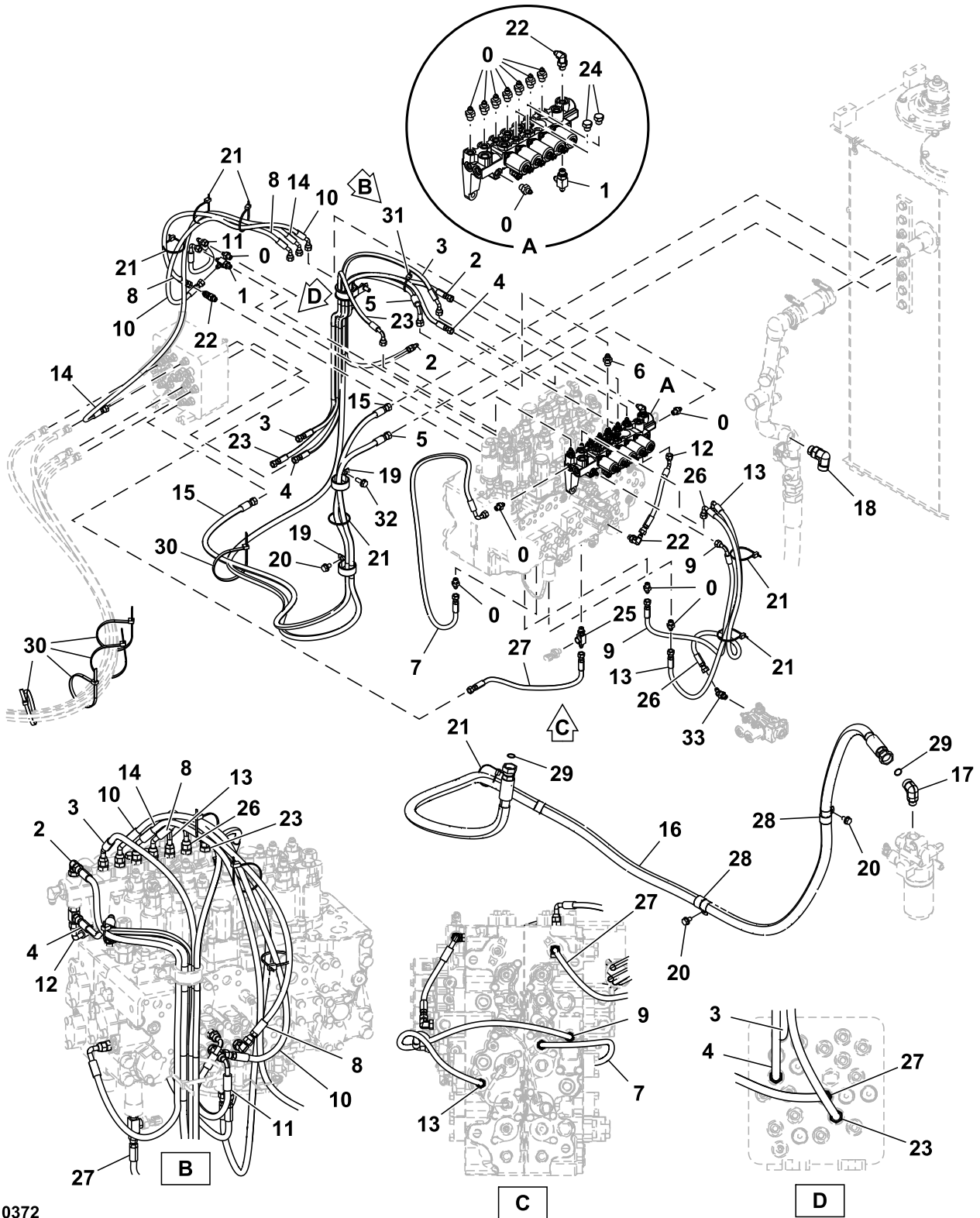
TX1115847

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	4446847	Hydraulic Hose	1		
1	A852333	Elbow Fitting	2		INCLUDES 4622346
	4297380	O-Ring	1		SUB FOR 4509180 OR 4622346
2	4445248	Hose	1		
3	A852233	Elbow Fitting	1		INCLUDES 4622346
	4297380	O-Ring	1		SUB FOR 4509180 OR 4622346
4	A852223	Elbow Fitting	5		INCLUDES 957366
	957366	O-Ring	1		
5	4629782	Hose Guard	1		
6	4351774	Clamp	1		
7	3079728	Bushing	1		
8	H77698	Tie Band	1		SUB FOR 4323613
9	4462306	Hose	1		SUB FOR 4484031
10	4660551	Hydraulic Hose	1		
11	4472281	Hydraulic Hose	1		SUB FOR 4437643
12	4472281	Hydraulic Hose	1		SUB FOR 4436320
13	H77698	Tie Band	1		SUB FOR 4121859
14	FYA00000261	Bushing	1		



Pilot Lines (Control Valve To Selector Valve)

TX1210372 A.1

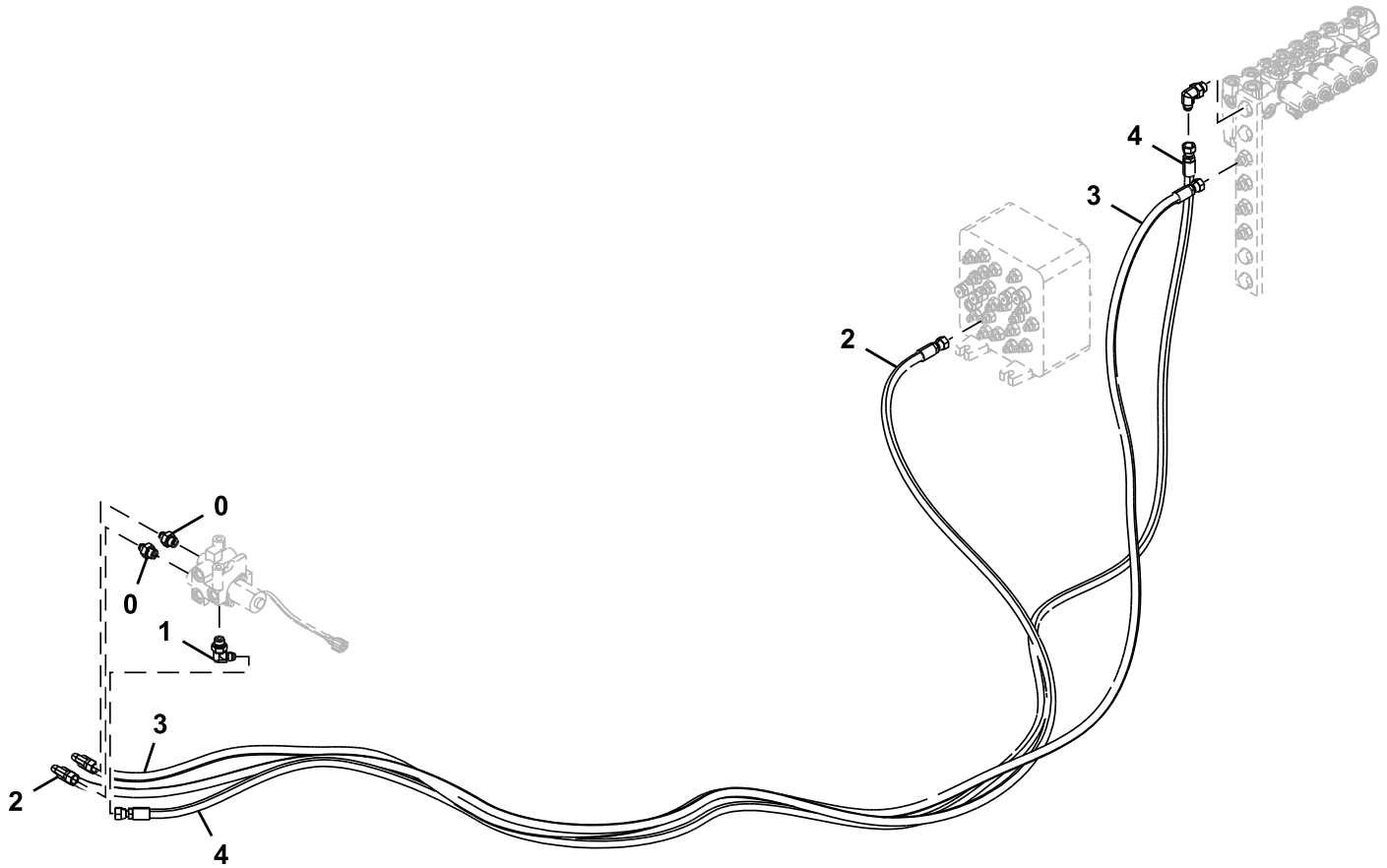


TX1210372

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	A852122	Adapter Fitting	14		INCLUDES 957366
	957366	O-Ring	1		
1	A852422	Tee Fitting	2		INCLUDES 957366
	957366	O-Ring	1		
2	4726376	Hose	1		
3	4726377	Hose	1		
4	4726352	Hose	1		
5	4726451	Hose	1		
6	A852133	Adapter Fitting	1		INCLUDES 4622346
	4297380	O-Ring	1		SUB FOR 4622346 OR 4509180
7	4716247	Hose	1		
8	FYA00000762	Hose	1		
9	4726432	Hose	1		
10	4700314	Hose	1		
11	4627868	Hydraulic Hose	1		
12	4462291	Hose	1		
13	4700356	Hose	1		
14	4726378	Hose	1		
15	4716249	Hose	1		
16	.....	Hose	1		ORDER FYA00008705 AND (10) 4327294, FYA60040409 NLA
	FYA00008705	Hose	1		
	4327294	Hose Guard	10		
17	A853346	Elbow Fitting	1		INCLUDES 4506418
	4506418	O-Ring	1		
18	A853366	Elbow Fitting	1		INCLUDES AT318035
	AT318035	O-Ring	1		SUB FOR 4506424
19	4193848	Clip	2		
20	.....	Screw With Washer	3		J271020 NLA
	19M7938	Cap Screw	3		M10 X 20, SUB FOR J901020
	24M7346	Washer	3		11 X 20 X 2 mm, SUB FOR J222010
21	H77698	Tie Band	7		SUB FOR 4055312
22	4154670	Elbow Fitting	3		INCLUDES 957366, SUB FOR A852322
	957366	O-Ring	1		
23	4726382	Hose	1		
24	A885002	Plug	2		INCLUDES 957366
	957366	O-Ring	1		
25	AT318023	Tee Fitting	1		INCLUDES 957366, SUB FOR 4364784
	957366	O-Ring	1		
26	4726381	Hose	1		
27	FYA00000731	Hose	1		
28	XCL-19	Hose Clamp	2		SUB FOR 4192035
29	T77858	O-Ring	2		SUB FOR 4187308
30	H77698	Tie Band	5		SUB FOR 4323613
31	H77698	Tie Band	1		SUB FOR 4055311
32	.....	Screw With Washer	1		J271030 NLA
	19M7662	Cap Screw	1		M10 X 30, SUB FOR J901030
	24M7346	Washer	1		11 X 20 X 2 mm, SUB FOR J222010
33	A852222	Union Fitting	1		INCLUDES 957366
	957366	O-Ring	1		

Pilot Lines (Pilot Signal Manifold To Pilot Shutoff Valve)

TX1116908 A.1

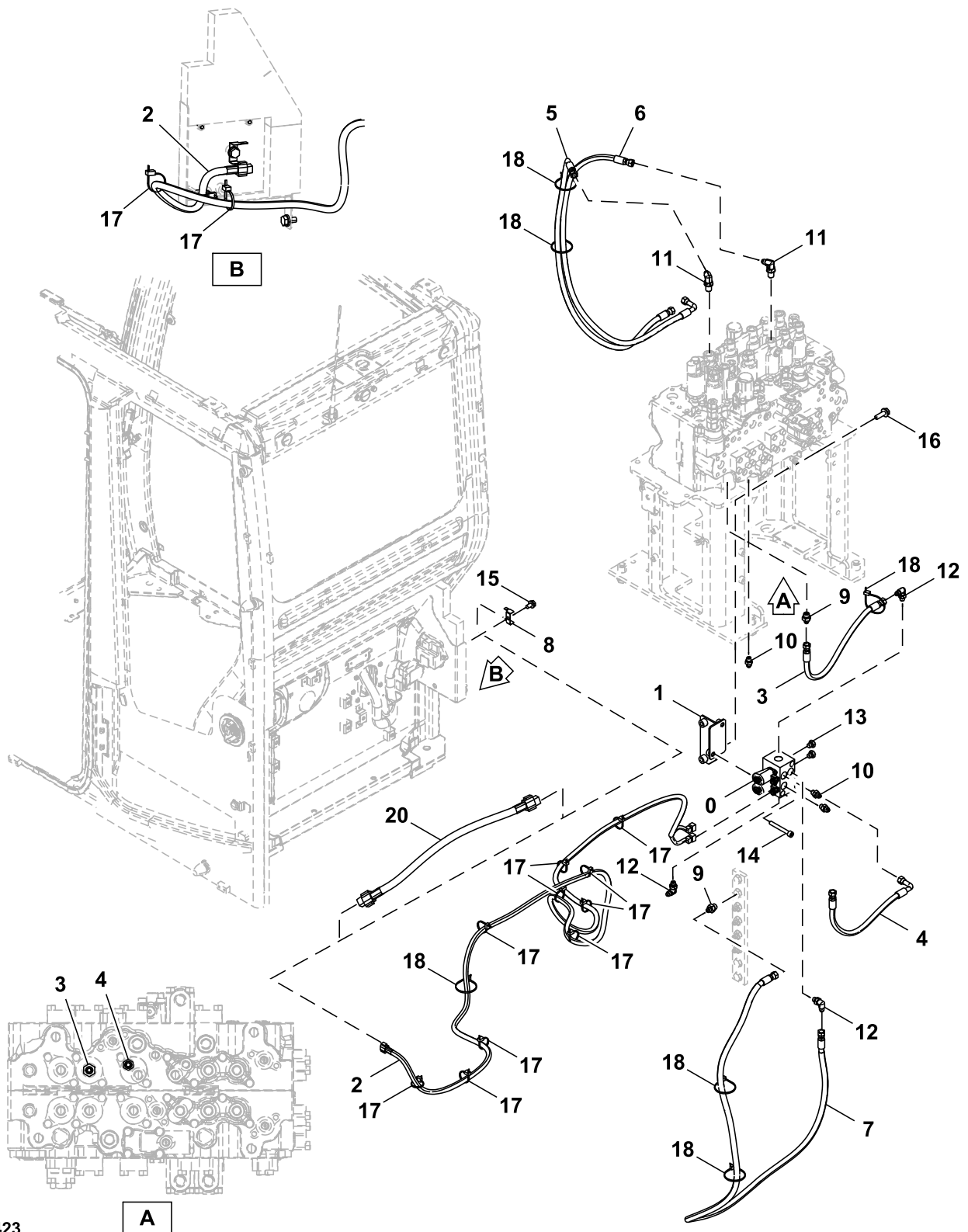


TX1116908

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	A852133	Adapter Fitting	2		INCLUDES 4297380
	4297380	O-Ring	1		SUB FOR 4622346 AND 4509180
1	A852333	Elbow Fitting	1		INCLUDES 4297380
	4297380	O-Ring	1		SUB FOR 4622346 OR 4509180
2	4450238	Hose	1		SUB FOR 4649606 AND FYA60024435
3	FYA00003377	Hose	1		SUB FOR FYA00019444
4	4661084	Hose	1		

Pilot Lines (Solenoid Valve, Two Spool Below Control Valve)

TX1200423 B.1



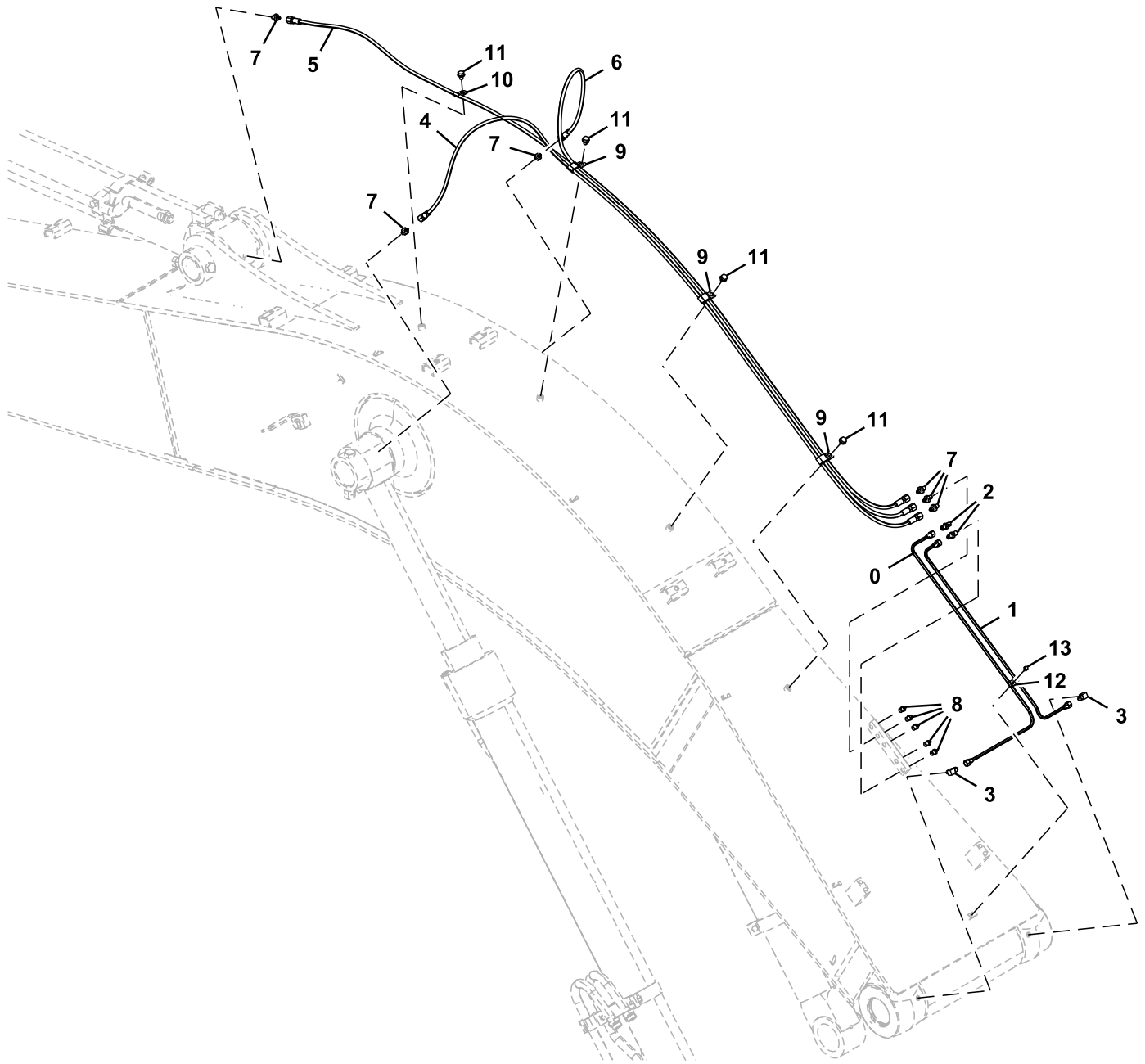
TX1200423

A

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	FYB60000441	Solenoid Valve	1		SUB FOR 9322239, Solenoid Valve, Components On Separate Page
1	FYA40010420	Bracket	1		
2	FYA00021826	Wiring Harness	1		Spool Control
3	4634366	Hydraulic Hose	1		SUB FOR 4694438
4	4442429	Hydraulic Hose	1		SUB FOR 4624567
5	4409082	Hydraulic Hose	1		SUB FOR 4214487
6	4628864	Hose	1		
7	4701770	Hose	1		ALSO ORDER 4327293, FYA60012560 NLA
	4327293	Guard	6		
8	4602634	Bracket	1		
9	A852133	Adapter Fitting	2		INCLUDES 4622346
	4297380	O-Ring	1		SUB FOR 4622346 OR 4509180
10	A852123	Adapter Fitting	3		INCLUDES 957366
	957366	O-Ring	1		
11	4208913	Adapter Fitting	2		INCLUDES 4622346
	4297380	O-Ring	1		SUB FOR 4622346 OR 4509180
12	A852323	Elbow Fitting	3		INCLUDES 957366
	957366	O-Ring	1		
13	A885002	Plug	2		INCLUDES 957366
	957366	O-Ring	1		
14	19M7250	Screw	2		M10 X 80, SUB FOR J781080
15	.....	Screw With Washer	1		J271020 NLA
	19M7938	Cap Screw	1		M10 X 20, SUB FOR J901020
	24M7346	Washer	1		11 X 20 X 2 mm, SUB FOR J222010
16	.....	Screw With Washer	2		J271240 NLA
	19M7493	Cap Screw	2		M12 X 40, SUB FOR J901240
	24M7345	Washer	2		13.500 X 24 X 2.500 mm, SUB FOR J222012
17	H77698	Tie Band	10		SUB FOR 4055311
18	H77698	Tie Band	6		SUB FOR 4055312
20	FYA00021825	Wiring Harness	1		Final Tier 4 Only, Adapter

Lubrication Lines

TX1117472 A.1



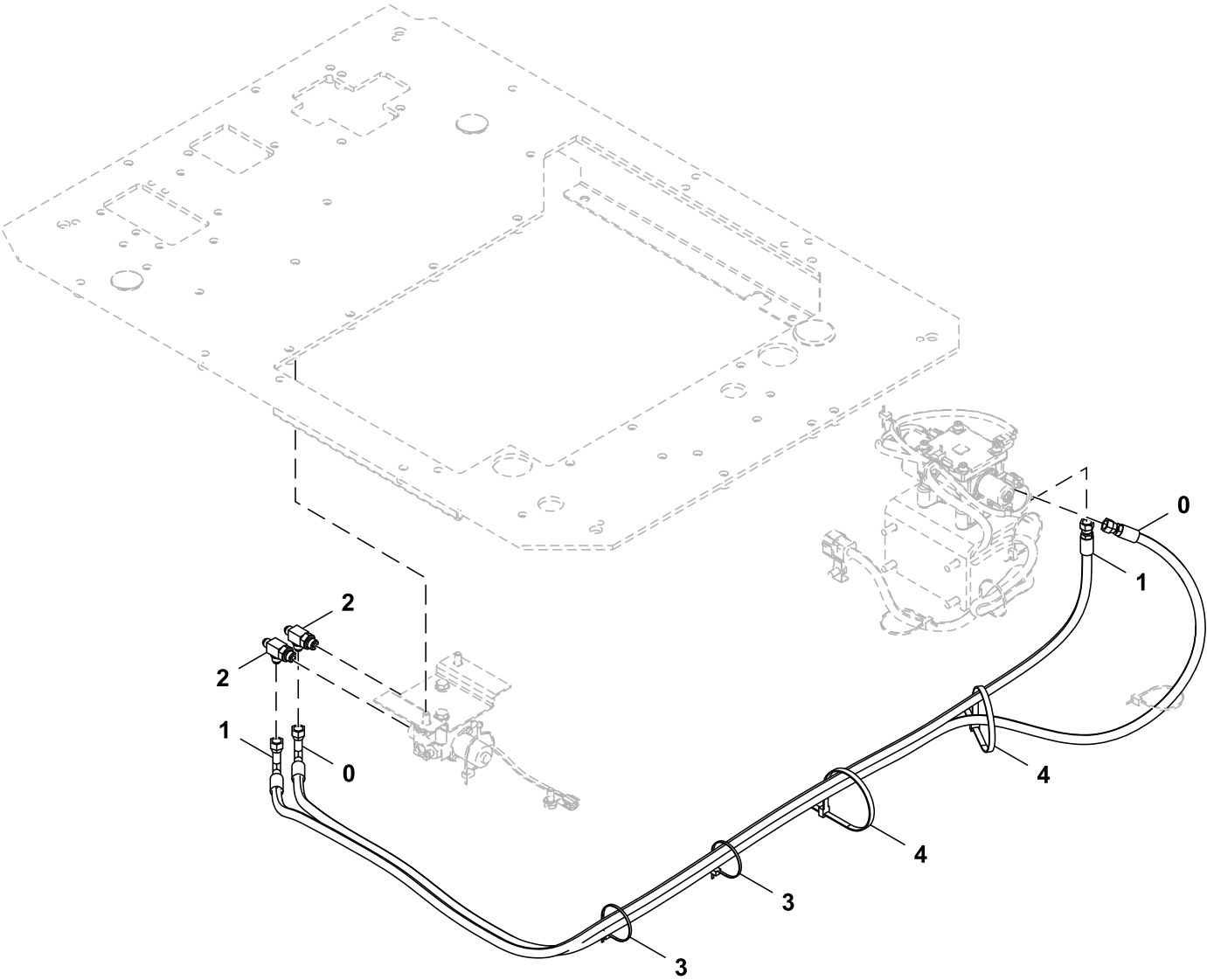
TX1117472

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	4710931	Pipe	1		
1	4710932	Pipe	1		
2	4360981	Adapter Fitting	2		
3	4345297	Elbow Fitting	2		
4	4429283	Hydraulic Hose	1		SUB FOR 4450505
5	4723187	Hose	1		
6	4437134	Hydraulic Hose	1		
7	4154651	Adapter Fitting	6		
8	J75482	Lubrication Fitting	5		
9	T152608	Clamp	3		SUB FOR 4252877
10	4190275	Clamp	1		SUB FOR 4190261
11	.....	Screw With Washer	4		J271016 NLA
	19M8324	Cap Screw	4		M10 X 16, SUB FOR J901016
	24M7346	Washer	4		11 X 20 X 2 mm, SUB FOR J222010
12	TH4000854	Clip	2		
13	.....	Screw With Washer	1		J260612 NLA
	19M6614	Cap Screw	1		M6 X 12, SUB FOR J900612
	24M7054	Washer	1		6.400 X 12 X 1.600 mm, SUB FOR A590106



Pilot Piping (Auxiliary Function Lever With Breaker, Assist Piping)

TX1211505 A.1

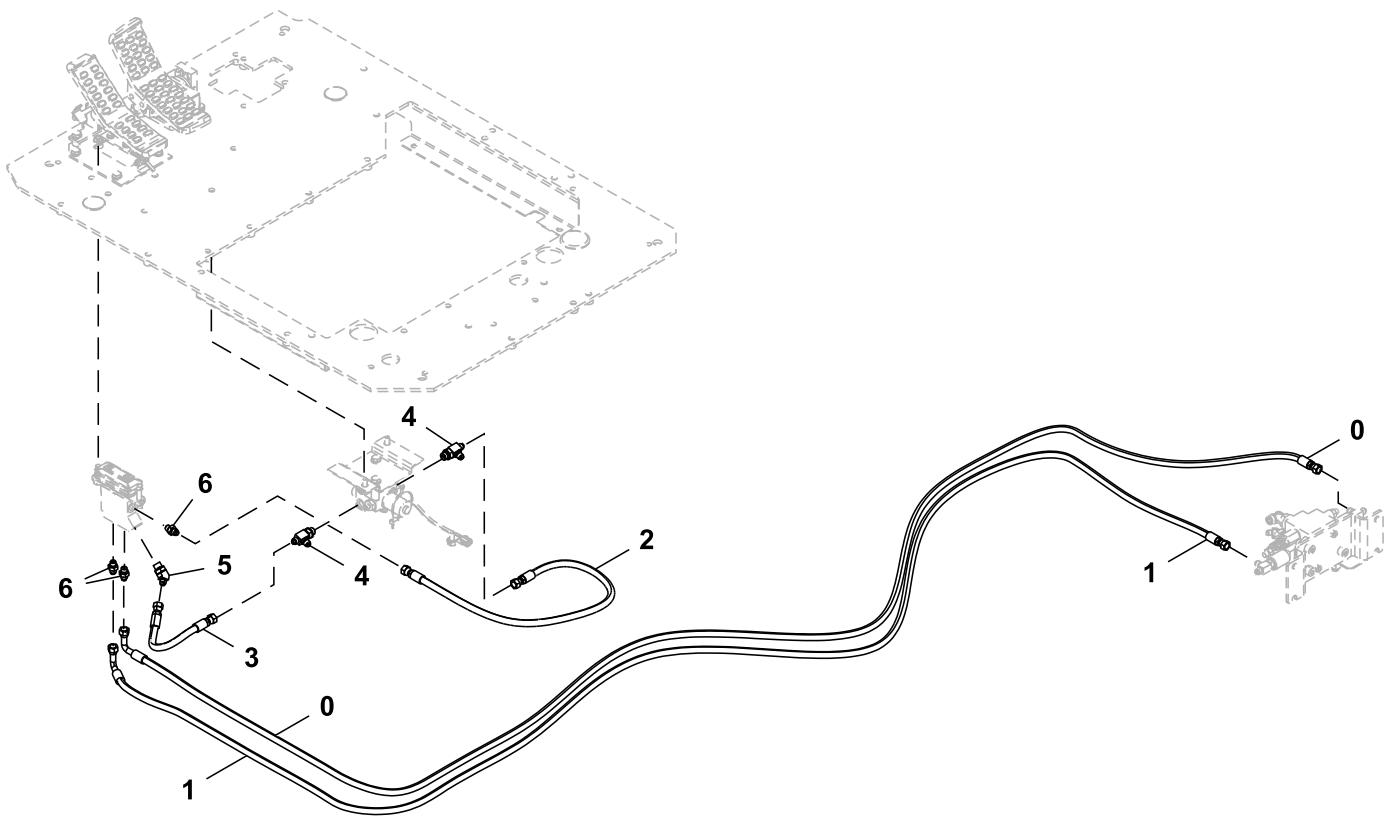


TX1211505

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	4723634	Hose	1		ALSO ORDER (2) 4327293, FYA60014329 NLA
	4327293	Guard	2		
1	FYA00019778	Hose	1		ALSO ORDER (2) 4327293, FYA60014330 NLA
	4327293	Guard	2		INCLUDES 4297380 SUB FOR 4622346 OR 4509180
2	A852433	Tee Fitting	2		
	4297380	O-Ring	1		
3	H77698	Tie Band	2		SUB FOR 4055312
4	H77698	Tie Band	2		SUB FOR 4121859

Pilot Hoses With Additional Gear Pump

TX1211472 A.1

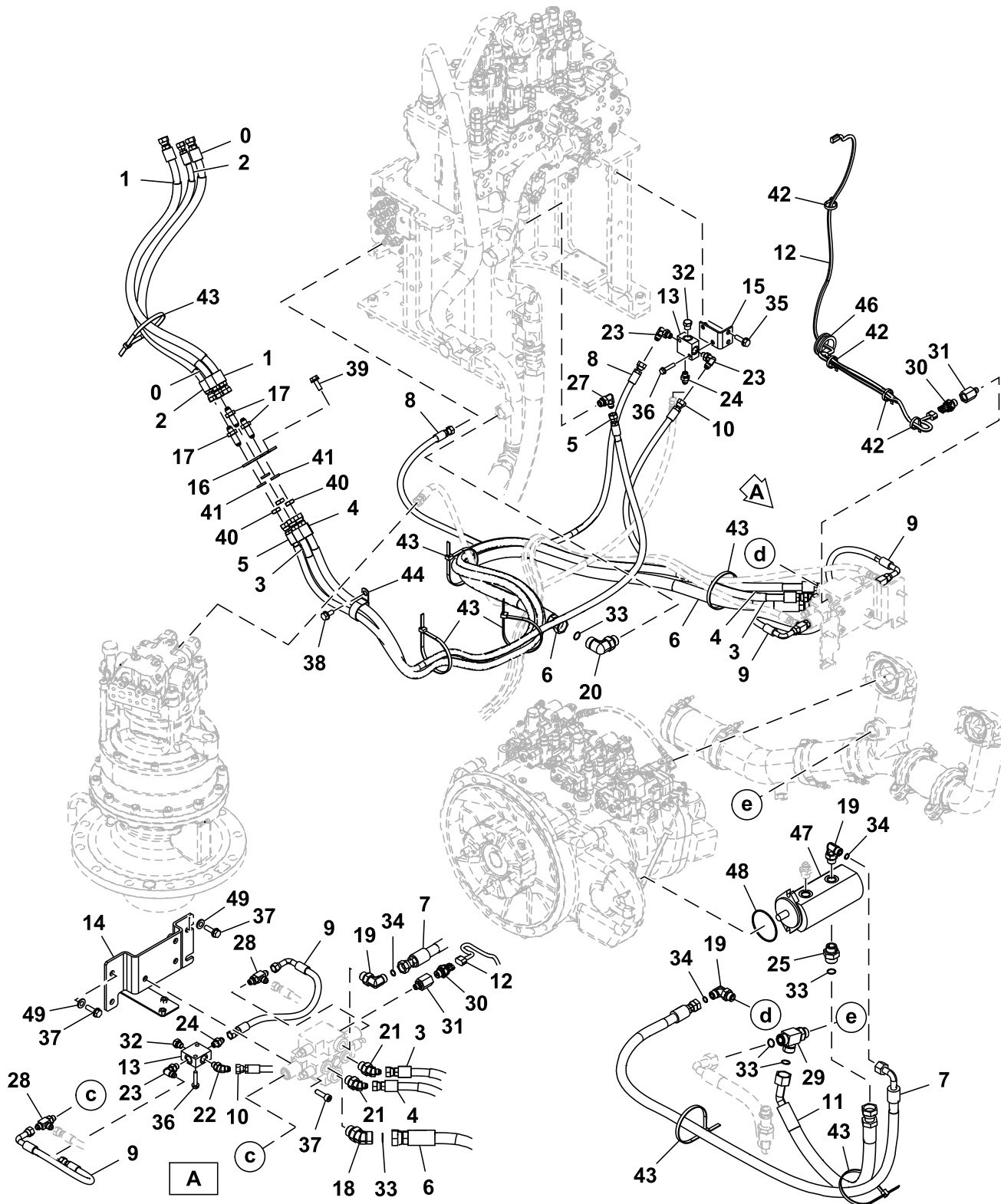


TX1211472

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	.....	Hose	1		ORDER FYA00016836 AND (4) 4327315, FYA60012053 NLA
	FYA00016836 4327315	Hose Hose Guard	1 4		
1	.....	Hose	1		ORDER FYA00016837 AND (4) 4327315, FYA60012054 NLA
	FYA00016837 4327315	Hose Hose Guard	1 4		
2	4269842	Hose	1		SUB FOR 4464413
3	4660514	Hydraulic Hose	1		
4	A852433	Tee Fitting	2		INCLUDES 4297380
	4297380	O-Ring	1		SUB FOR 4622346 OR 4509180
5	A852233	Elbow Fitting	1		INCLUDES 4297380
	4297380	O-Ring	1		SUB FOR 4622346 OR 4509180
6	A852123	Adapter Fitting	3		INCLUDES 957366
	957366	O-Ring	1		

ADDITIONAL GEAR PUMP

TX1212993 A.1

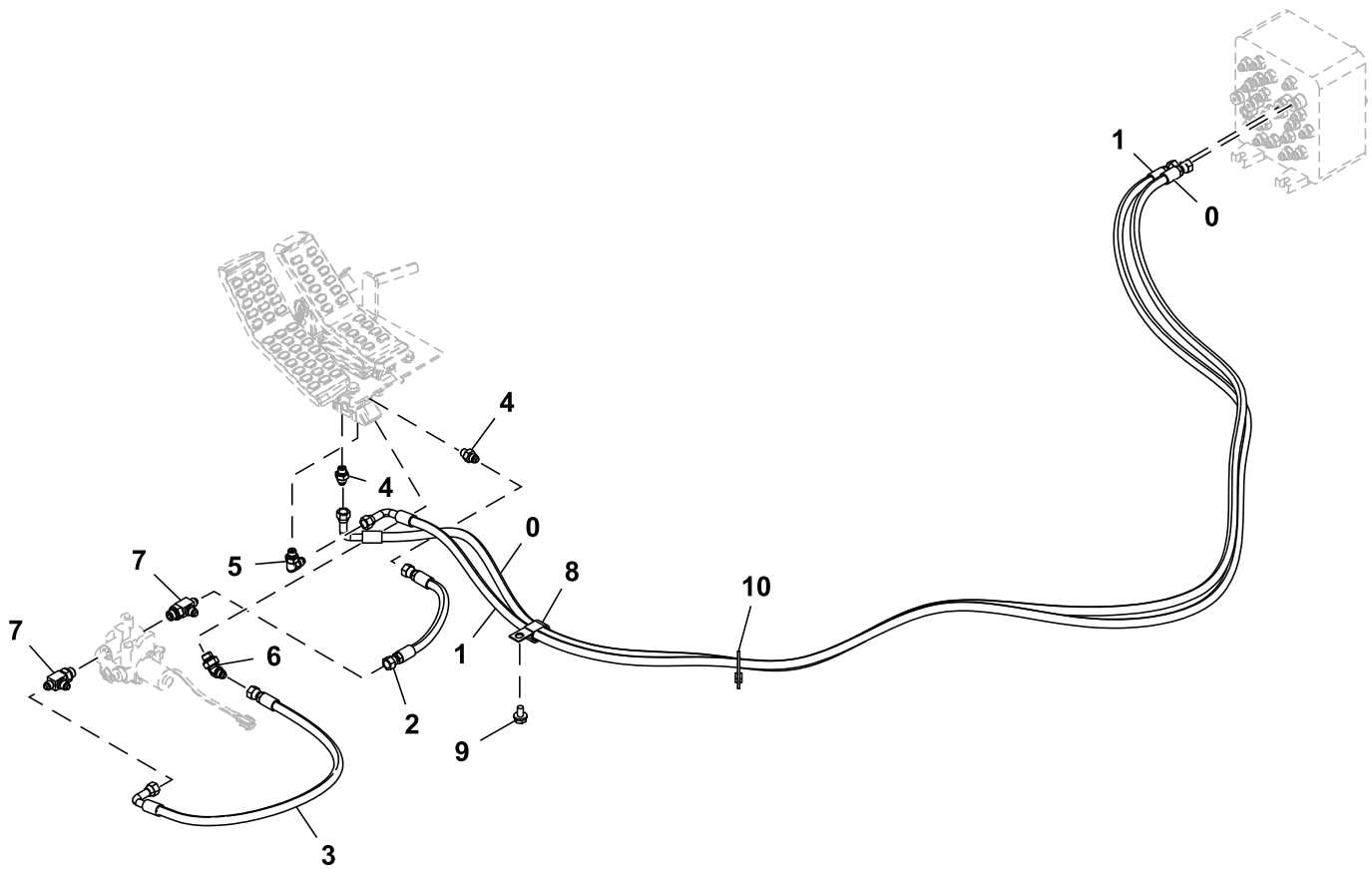


TX1212993

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	4635700	Hose	1		ALSO ORDER (2) 4629693, FYA60017761 NLA
	4629693	Isolator	2		
1	4635700	Hose	1		ALSO ORDER (2) 4629693, FYA60017762 NLA
	4629693	Isolator	2		
2	4474668	Hose	1		ALSO ORDER (2) 4327293, 9227725 NLA
	4327293	Guard	2		
3	4716048	Hose	1		ALSO ORDER (5) 4629693, FYA60017859 NLA
	4629693	Isolator	5		
4	4716048	Hose	1		ALSO ORDER (5) 4629693, FYA60017860 NLA
	4629693	Isolator	5		
5	4677294	Hose	1		ALSO ORDER (4) 4327293, FYA60035213 NLA
	4327293	Guard	4		
6	4329781	Hose	1		ALSO ORDER (3) 4327294, FYA60035214 NLA
	4327294	Hose Guard	3		
7	4389105	Hose	1		ALSO ORDER (5) 4327293, 9268634 NLA
	4327293	Guard	5		
8	4716739	Hose	1		
9	4454395	Hose	2		SUB FOR 4457107
10	4679153	Hydraulic Hose	1		SUB FOR FYA60035215
11	4723149	Hose	1		
12	FYA00003616	Hose	1		Additional Gear Pump
13	4411001	Flow Control Hyd. Valve	2		
14	FYA40017027	Bracket	1		
15	9764485	Bracket	1		
16	FYA00010487	Bracket	1		
17	R27238	Fitting	3		SUB FOR 4202532
18	A853266	Elbow Fitting	1		INCLUDES AT318035
	AT318035	O-Ring	1		SUB FOR 4506424
19	A853344	Elbow Fitting	2		INCLUDES 4506418
	4506418	O-Ring	1		
20	A853366	Elbow Fitting	1		INCLUDES AT318035
	AT318035	O-Ring	1		SUB FOR 4506424
21	A852243	Elbow Fitting	2		INCLUDES 4506418
	4506418	O-Ring	1		
22	A852223	Elbow Fitting	1		INCLUDES 957366
	957366	O-Ring	1		
23	A852323	Elbow Fitting	3		INCLUDES 957366
	957366	O-Ring	1		
24	A852123	Adapter Fitting	2		INCLUDES 957366
	957366	O-Ring	1		
25	A853166	Adapter Fitting	1		INCLUDES AT318035
	AT318035	O-Ring	1		SUB FOR 4506424
27	A852333	Elbow Fitting	1		INCLUDES 4622346
	4297380	O-Ring	1		SUB FOR 4622346 AND 4509180
28	A852423	Tee Fitting	2		INCLUDES 957366
	957366	O-Ring	1		
29	A853466	Tee Fitting	1		INCLUDES AT318035
	AT318035	O-Ring	1		SUB FOR 4506424
30	4436271	Sensor	1		SUB FOR 4703324, INCLUDES 4365826, Pressure
	4365826	O-Ring	1		
31	4269537	Reducer	1		INCLUDES 957366
	957366	O-Ring	1		
32	A885002	Plug	2		INCLUDES 957366
	957366	O-Ring	1		
33	4187308	O-Ring	5		
34	T77857	O-Ring	2		SUB FOR 4138938
35	.....	Screw With Washer	2		J271035 NLA
	J901035	Cap Screw	2		
	24M7346	Washer	2		11 X 20 X 2 mm, SUB FOR J222010
36	.....	Screw With Washer	4		J260845 NLA
	19M8359	Cap Screw	4		M8 X 45, SUB FOR J900845
	24M7055	Washer	4		8.400 X 16 X 1.600 mm, SUB FOR A590108
37	19M8337	Screw	7		M10 X 30, SUB FOR J781035
38	.....	Screw With Washer	1		J271025 NLA
	19M7402	Cap Screw	1		M10 X 25, SUB FOR J901025
	24M7346	Washer	1		11 X 20 X 2 mm, SUB FOR J222010
39	.....	Screw With Washer	2		J271030 NLA
	19M7662	Cap Screw	2		M10 X 30, SUB FOR J901030
	24M7346	Washer	2		11 X 20 X 2 mm, SUB FOR J222010
40	14H888	Nut	3		9/16", SUB FOR 4202531
41	12H317	Lock Washer	3		9/16", SUB FOR A590914
42	H77698	Tie Band	4		SUB FOR 4055311
43	H77698	Tie Band	7		SUB FOR 4121859
44	4193848	Clip	1		
46	4201995	Grommet	1		
47	9218031	Pump	1		Pilot Pump, Components On Separate Page
48	4153543	O-Ring	1		
49	24M7346	Washer	4		11 X 20 X 2 mm, SUB FOR J222010

Pilot Lines, Breaker Crusher (Pilot Signal Manifold To Control Pedals)

TX1211089 A.1



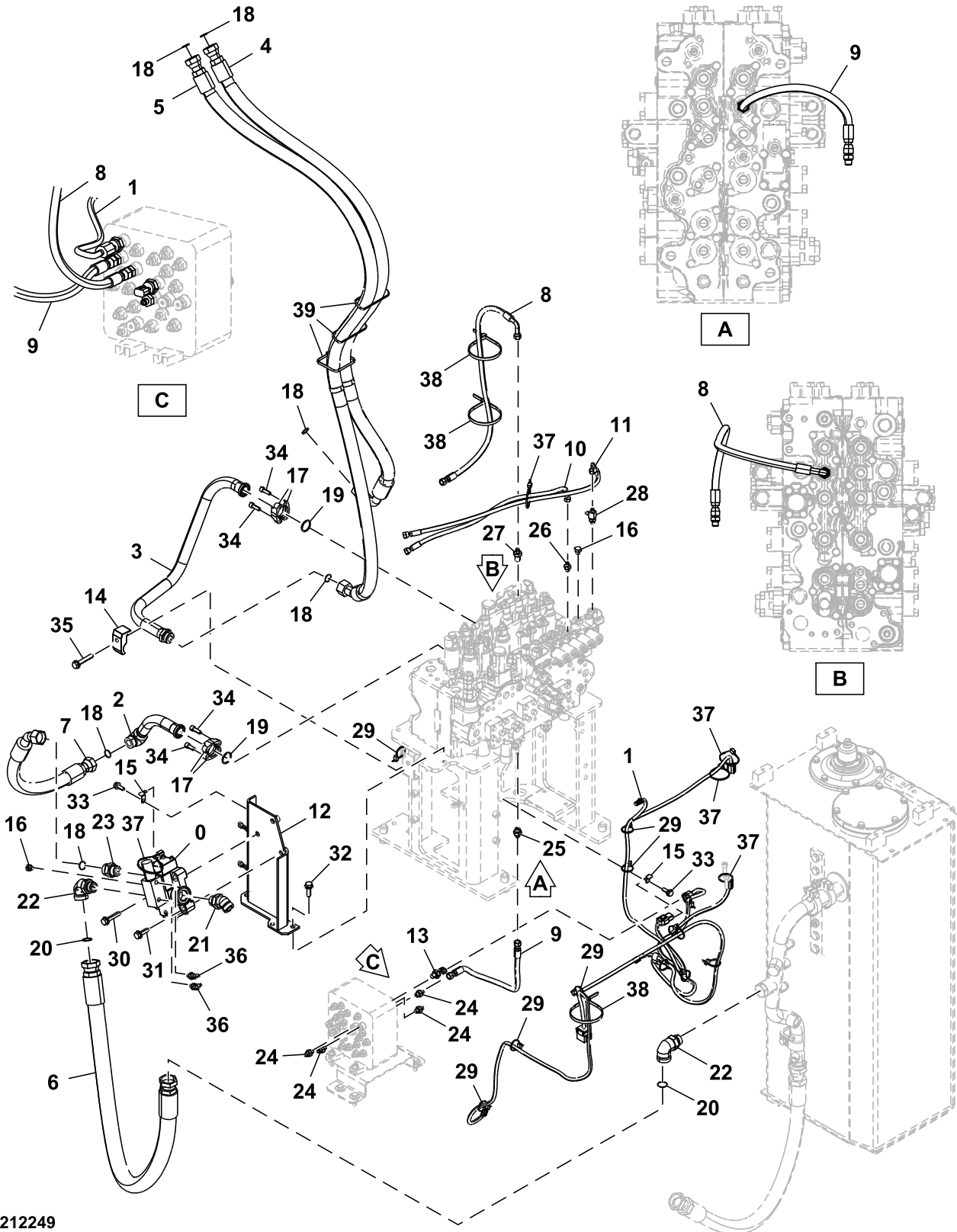
TX1211089

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	TH4600100	Hose	1		SUB FOR 4460259
1	4652484	Hydraulic Hose	1		
2	FYA00013755	Hose	1		
3	FYA00013756	Hose	1		
4	A852123	Adapter Fitting	2		INCLUDES 957366
	957366	O-Ring	1		
5	A852323	Elbow Fitting	1		INCLUDES 957366
	957366	O-Ring	1		
6	A852233	Elbow Fitting	1		INCLUDES 4622346
	4297380	O-Ring	1		SUB FOR 4622346 OR 4509180
7	A852433	Tee Fitting	2		INCLUDES 4622346
	4297380	O-Ring	1		SUB FOR 4622346 OR 4509180
8	T32854	Clamp	1		SUB FOR 4190282
9	.....	Screw With Washer	1		J271025 NLA
	19M7402	Cap Screw	1		M10 X 25, SUB FOR J901025
	24M7346	Washer	1		11 X 20 X 2 mm, SUB FOR J222010
10	H77698	Tie Band	1		SUB FOR 4055312



Main Lines, Breaker Crusher

TX1212249 A.1

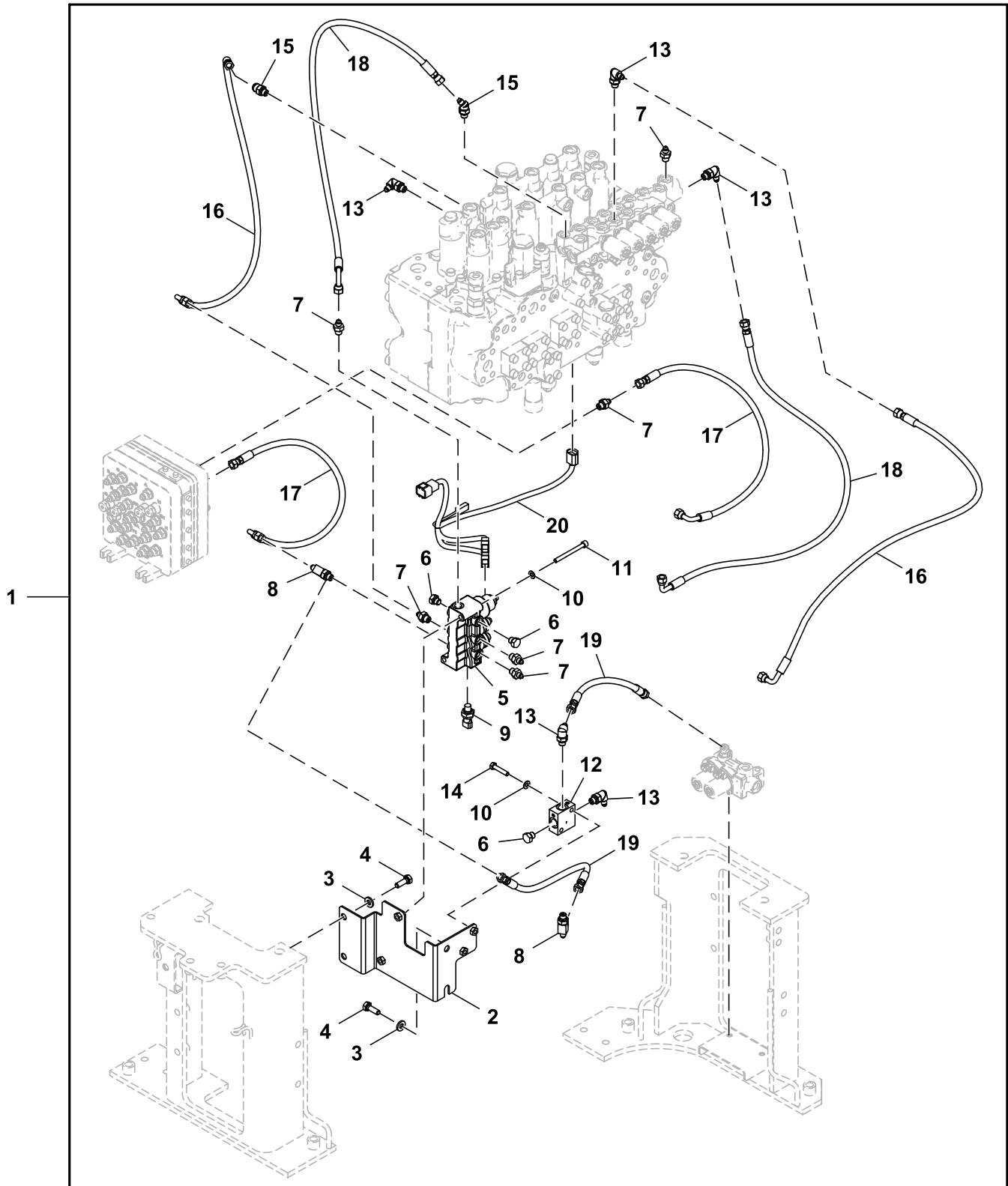


TX1212249

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	4713713	Valve	1		Selector Valve, Components On Separate Page
1	FYA00013080	Wiring Harness	1		Auxiliary Functions
2	FYA40008546	Pipe	1		
3	FYA40012520	Pipe	1		
4	FYA00003546	Hose	1		FYA60035042 NLA
5	FYA00003545	Hose	1		FYA60034193 NLA
6	4314055	Hose	1		
7	FYA00013098	Hose	1		
8	4365595	Hydraulic Hose	1		SUB FOR 4313341
9	4678895	Hose	1		SUB FOR 4269834
10	4330783	Hose	1		
11	4682031	Hose	1		FYA60029314 NLA
12	FYA40012519	Bracket	1		
13	4436535	Sensor	1		INCLUDES 957366, Pressure
	957366	O-Ring	1		
14	4190127	Clamp	1		
15	4602634	Bracket	2		SUB FOR 4257159
16	A885002	Plug	2		INCLUDES 957366
	957366	O-Ring	1		
17	H61354	Flange Fitting	4		SUB FOR 962453
18	T76938	O-Ring	6		SUB FOR 4187328
19	966993	O-Ring	2		
20	T78612	O-Ring	2		SUB FOR 4187329
21	A853288	Elbow Fitting	1		INCLUDES TH101926
	TH101926	O-Ring	1		SUB FOR 4506429
22	A853380	Elbow Fitting	2		INCLUDES TH101926
	TH101926	O-Ring	1		SUB FOR 4506429
23	A853188	Adapter Fitting	1		INCLUDES TH101926
	TH101926	O-Ring	1		SUB FOR4506429
24	A852123	Adapter Fitting	4		INCLUDES 957366
	957366	O-Ring	1		
25	A852133	Adapter Fitting	1		INCLUDES 4622346
	4297380	O-Ring	1		SUB FOR 4622346 OR 4509180
26	A852122	Adapter Fitting	1		INCLUDES 957366
	957366	O-Ring	1		
27	4202422	Adapter Fitting	1		INCLUDES 4622346
	4297380	O-Ring	1		SUB FOR 4622346 OR 4509180
28	A852422	Tee Fitting	1		INCLUDES 957366
	957366	O-Ring	1		
29	H77698	Tie Band	12		SUB FOR 4055311
30	.....	Screw With Washer	1		J271290 NLA
	19M7943	Cap Screw	1		M12 X 90, SUB FOR J901290
	24M7345	Washer	1		13.500 X 24 X 2.500 mm, SUB FOR J222012
31	.....	Screw With Washer	2		J271265 NLA
	19M8348	Cap Screw	2		M12 X 65, SUB FOR J901265
	24M7345	Washer	2		13.500 X 24 X 2.500 mm, SUB FOR J222012
32	.....	Screw With Washer	3		J271240 NLA
	19M7493	Cap Screw	3		M12 X 40, SUB FOR J901240
	24M7345	Washer	3		13.500 X 24 X 2.500 mm, SUB FOR J222012
33	.....	Screw With Washer	2		J271030 NLA
	19M7662	Cap Screw	2		M10 X 30, SUB FOR J901030
	24M7346	Washer	2		11 X 20 X 2 mm, SUB FOR J222010
34	19M7576	Screw	8		M10 X 30, SUB FOR J781030
35	.....	Screw With Washer	1		J271270 NLA
	19M7753	Cap Screw	1		M12 X 70, SUB FOR J901270
	24M7345	Washer	1		13.500 X 24 X 2.500 mm, SUB FOR J222012
36	A852222	Union Fitting	2		INCLUDES 957366
	957366	O-Ring	1		
37	H77698	Tie Band	5		SUB FOR 4055312
38	H77698	Tie Band	3		SUB FOR 4323613
39	H77698	Tie Band	3		SUB FOR 4121859

Two Pump Combined Flow Kit

TX1256609 A.1

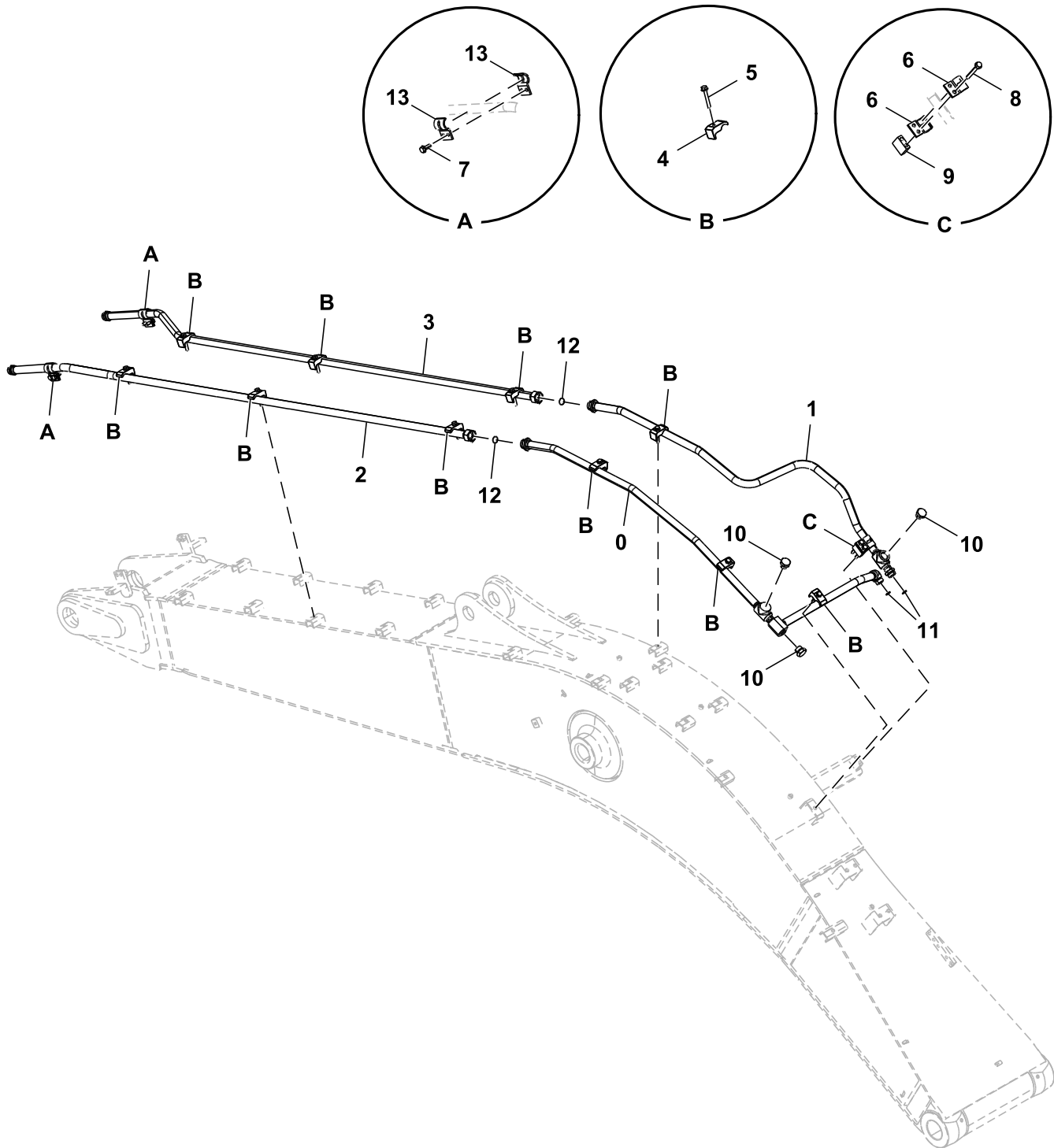


AT463997\_TX1256609

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
1	<b>AT463997</b>	<b>Field Installation Kit</b>	<b>1</b>		<b>Whole Goods</b>
2	FYA40008812	Bracket	1		
3	24M7346	Washer	4		11 X 20 X 2 mm, SUB FOR DH400703
4	.....	Cap Screw	4		J901030 NLA
	19M7662	Cap Screw	4		M10 X 30, SUB FOR J901030
	24M7346	Washer	4		11 X 20 X 2 mm, SUB FOR J901030
5	9316561	Solenoid Valve	1		
6	A885002	Plug	5		INCLUDES 957366
	957366	O-Ring	1		
7	A852122	Adapter Fitting	5		INCLUDES 957366
	957366	O-Ring	1		
8	A852422	Tee Fitting	2		INCLUDES 957366
	957366	O-Ring	1		
9	4436535	Sensor	1		
10	24M7055	Washer	4		8.400 X 16 X 1.600 mm, SUB FOR A590108
11	19M9411	Screw	2		M8 X 85, SUB FOR J780885
12	4411001	Flow Control Hyd. Valve	1		
13	4154670	Elbow Fitting	4		INCLUDES 957366, SUB FOR A852322
	957366	O-Ring	1		
14	.....	Cap Screw	2		J900840 NLA
	19M7301	Cap Screw	2		M8 X 40, SUB FOR J900840
	24M7055	Washer	2		8.400 X 16 X 1.600 mm, SUB FOR J900840
15	A852222	Union Fitting	2		INCLUDES 957366
	957366	O-Ring	1		
16	4313249	Hose	2		
17	4665179	Hose	2		
18	4437902	Hydraulic Hose	2		
19	4656809	Hydraulic Hose	2		
20	FYA00013217	Wiring Harness	1		Two Pump Combined Flow
21	DH400240	Tie Band	6		Not Illustrated
22	T233852	Label	1		Installation Instruction, Not Illustrated

Boom Lines, Breaker

TX1212274 A.1

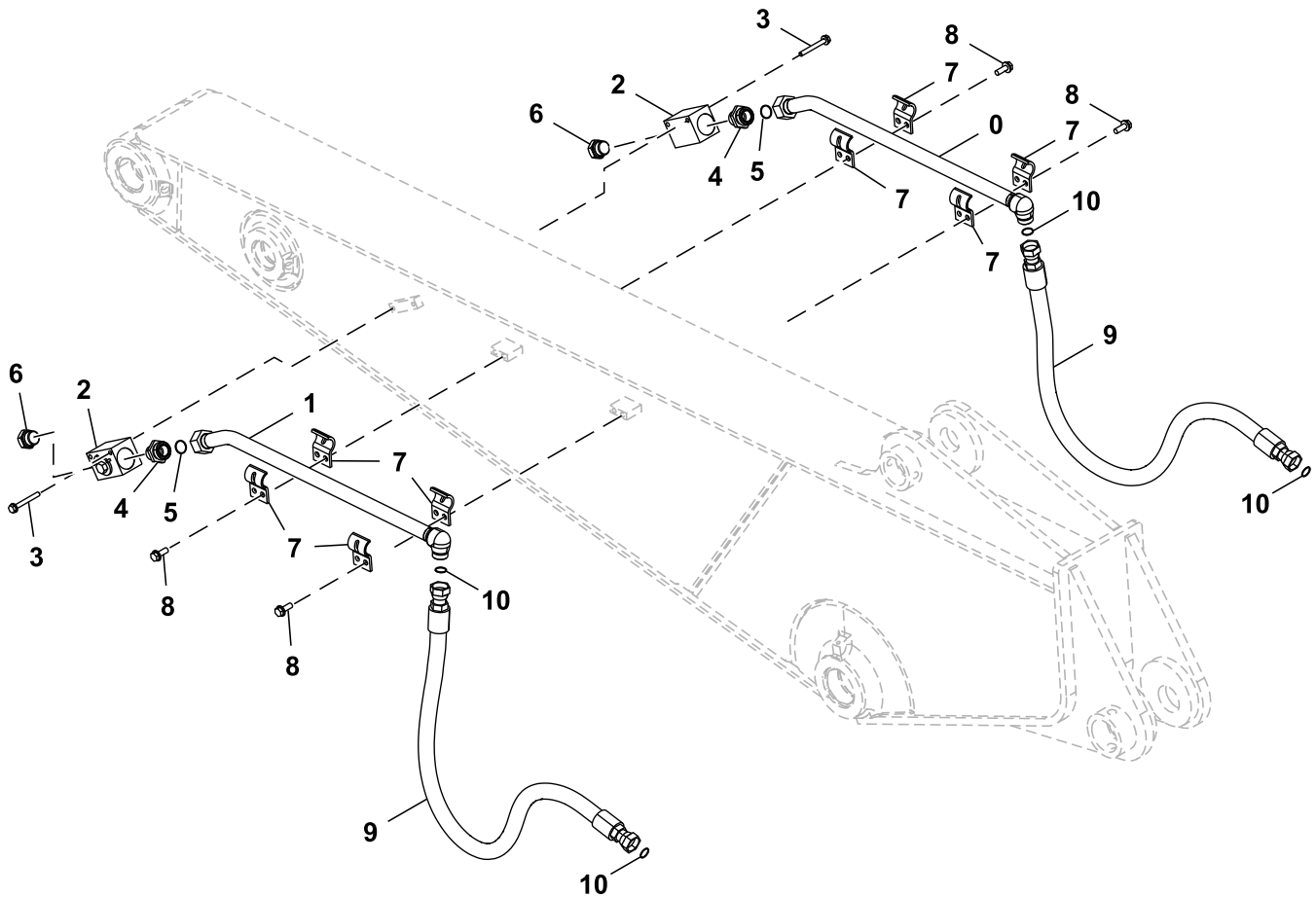


TX1212274

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	FYA40000126H	Pipe	1		SUB FOR FYA40000126
1	FYA40006162H	Pipe	1		SUB FOR FYA40006162
2	FYA40000127H	Pipe	1		SUB FOR FYA40000127
3	FYA40010967H	Pipe	1		SUB FOR FYA40010967
4	4190127	Clamp	10		
5	.....	Screw With Washer	10		4657481 NLA
	19M8088	Cap Screw	10		M12 X 75, SUB FOR J901275
	24M7345	Washer	10		13.500 X 24 X 2.500 mm, SUB FOR J222012
6	4710794	Clamp	2		
7	.....	Screw With Washer	4		J271235 NLA
	J901235	Cap Screw	4		
	J222012	Washer	4		
8	.....	Screw With Washer	2		J271200 NLA
	J901200	Bolt	2		
	J222012	Washer	2		
9	4710818	Spacer	1		
10	A885008	Pipe Plug	3		INCLUDES TH101926
	TH101926	O-Ring	1		SUB FOR 4506429
11	T76938	O-Ring	2		SUB FOR 4187328
12	T78612	O-Ring	2		SUB FOR 4187329
13	FYA00022032	Clamp	4		

Breaker, Crusher Lines, Arm 2.42 m (7.8 ft)

TX1212281 A.1



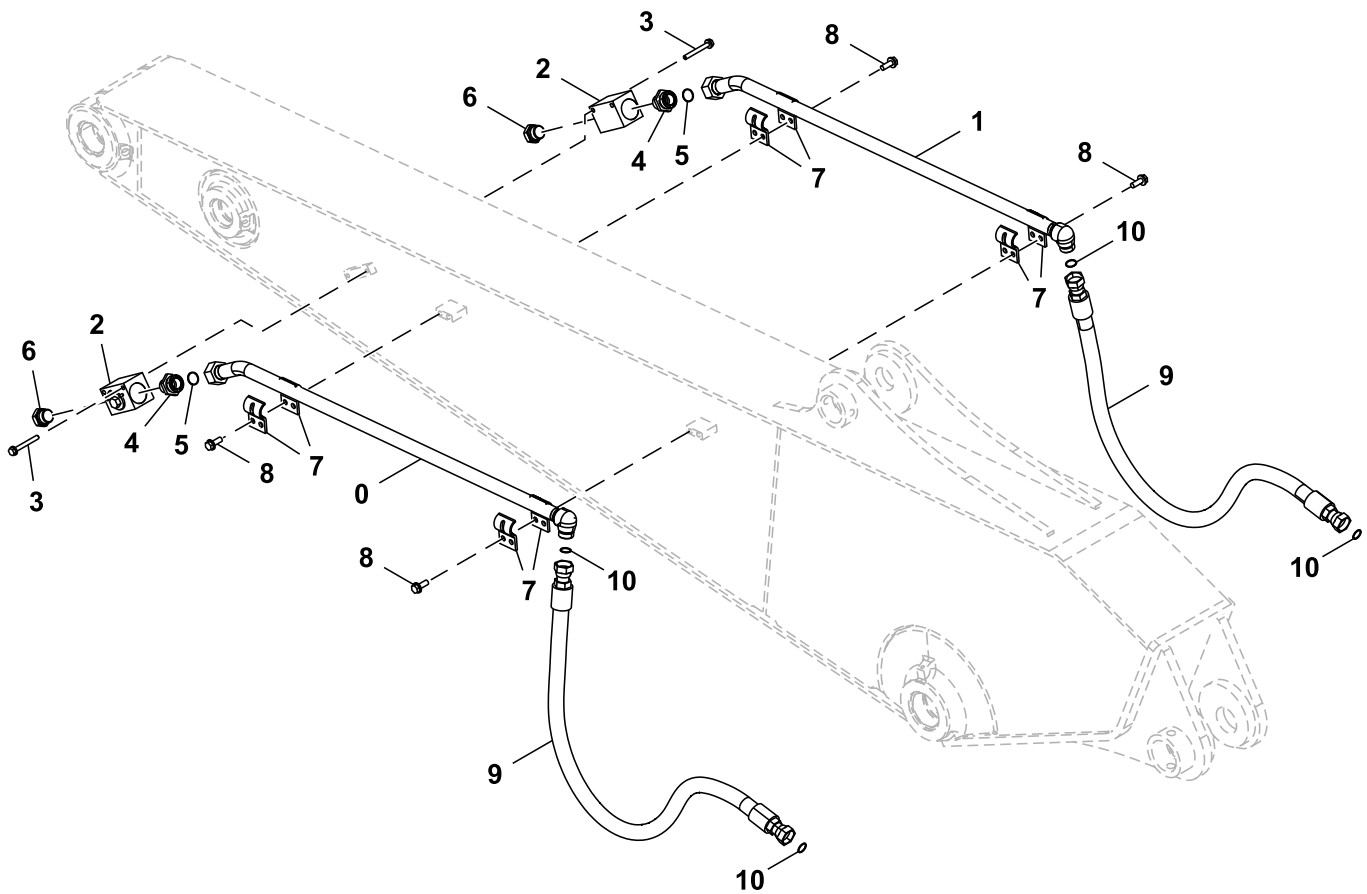
TX1212281

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	8087257H	Pipe	1		SUB FOR 8087257
1	8087377H	Pipe	1		SUB FOR 8087377
2	4447675	Flow Control Hyd. Valve	2		
3	.....	Screw With Washer	4		J271085 NLA
	19M8197	Cap Screw	4		M10 X 85, SUB FOR J901085
	24M7346	Washer	4		11 X 20 X 2 mm, SUB FOR J222010
4	4205196	Adapter Fitting	2		INCLUDES TH101926
	TH101926	O-Ring	1		SUB FOR 4506429
5	T78612	O-Ring	2		SUB FOR 4187329
6	A885008	Pipe Plug	2		INCLUDES TH101926
	TH101926	O-Ring	1		SUB FOR 4506429
7	4710794	Clamp	8		
8	.....	Screw With Washer	8		J271235 NLA
	19M7403	Cap Screw	8		M12 X 35, SUB FOR J901235
	24M7345	Washer	8		13.500 X 24 X 2.500 mm, SUB FOR J222012
9	4628902	Hydraulic Hose	2		SUB FOR 4648274
10	T76938	O-Ring	4		SUB FOR 4187328



Breaker, Crusher Lines, Arm 2.91 m (9.5 ft)

TX1212283 A.1

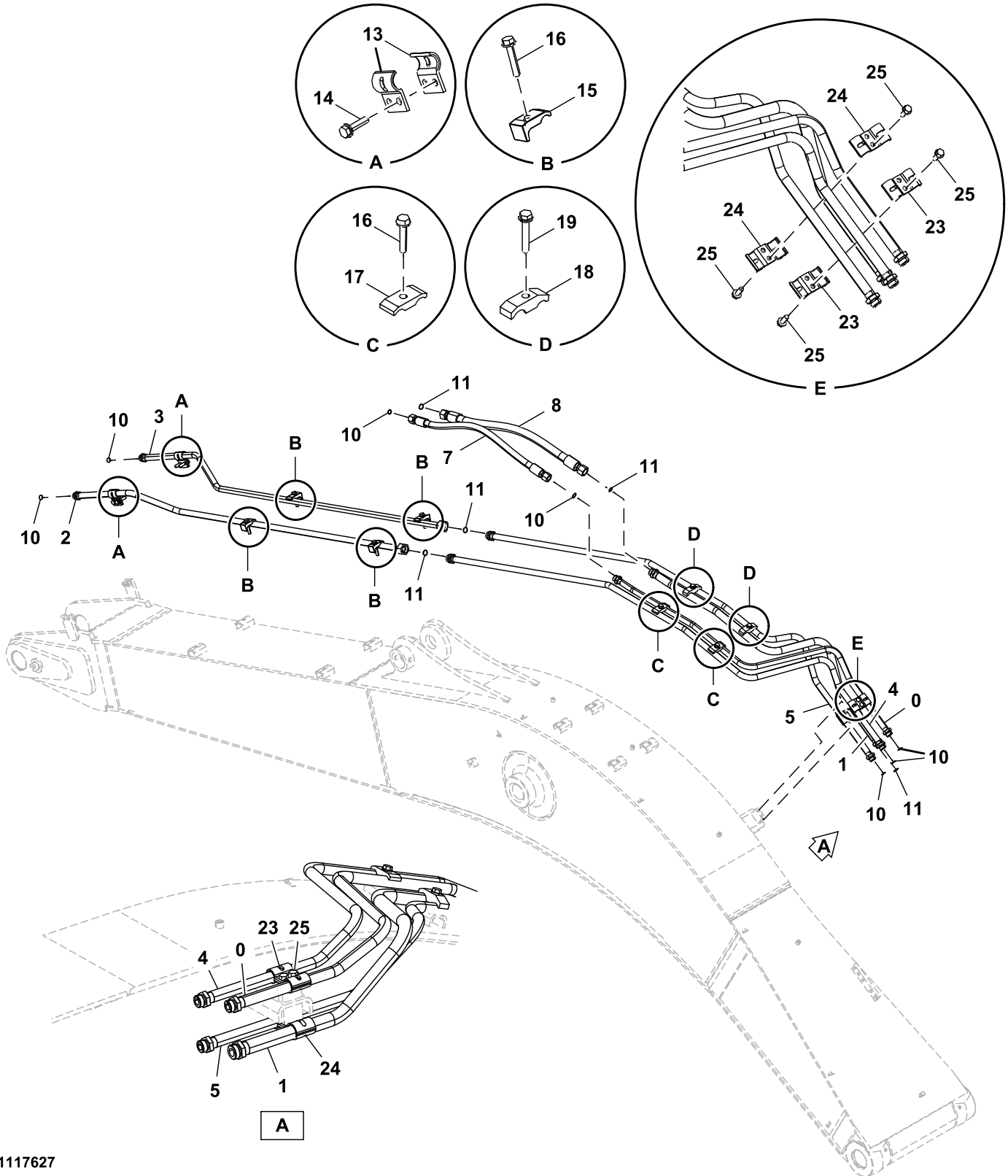


TX1212283

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	FYA40001154H	Pipe	1		FYA40001154 NLA
1	FYA40001155H	Pipe	1		FYA40001155 NLA
2	4447675	Flow Control Hyd. Valve	2		
3	.....	Screw With Washer	4		J271085 NLA
	19M8197	Cap Screw	4		M10 X 85, SUB FOR J901085
	24M7346	Washer	4		11 X 20 X 2 mm, SUB FOR J222010
4	4205196	Adapter Fitting	2		INCLUDES TH101926
	TH101926	O-Ring	1		SUB FOR 4506429
5	T78612	O-Ring	2		SUB FOR 4187329
6	A885008	Pipe Plug	2		INCLUDES TH101926
	TH101926	O-Ring	1		SUB FOR 4506429
7	4710794	Clamp	8		
8	.....	Screw With Washer	8		J271235 NLA
	19M7403	Cap Screw	8		M12 X 35, SUB FOR J901235
	24M7345	Washer	8		13.500 X 24 X 2.500 mm, SUB FOR J222012
9	4642621	Hose	2		
10	T76938	O-Ring	4		SUB FOR 4187328

Boom Lines

TX1117627 C.1



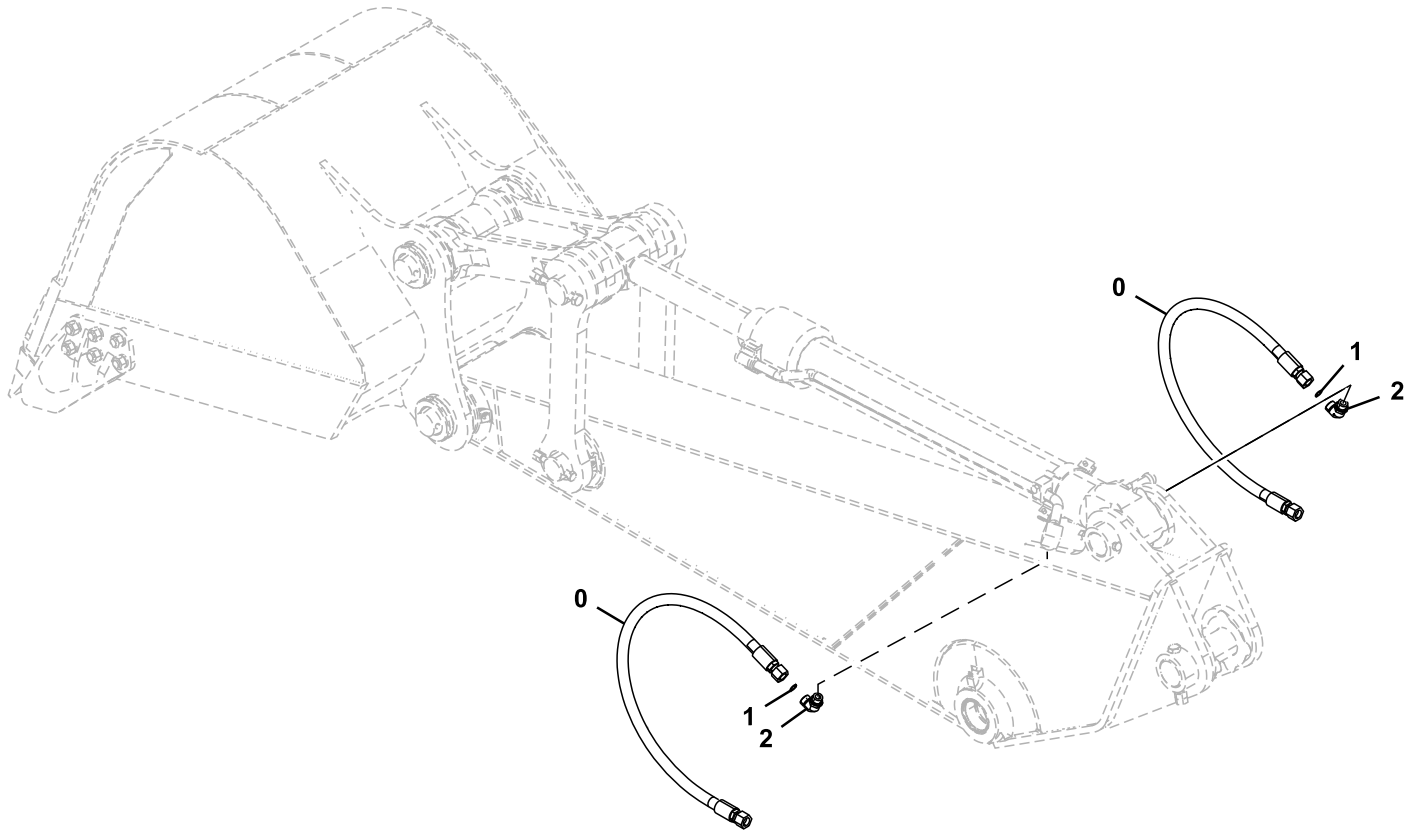
TX1117627

33 Backhoe and Excavator  
3363 Lines, Hoses & Fittings

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	8122786H	Pipe	1		SUB FOR 8122786
1	FYA40016445H	Pipe	1		SUB FOR FYA40016445
2	8122791H	Pipe	1		SUB FOR 8122791
3	8122792H	Pipe	1		SUB FOR 8122792
4	8122788H	Pipe	1		SUB FOR 8122788
5	FYA40016442H	Pipe	1		SUB FOR FYA40016442
7	FYA00009218	Hose	1		
8	4676587	Hydraulic Hose	1		
10	T77858	O-Ring	7		SUB FOR 4187308
11	T76938	O-Ring	5		SUB FOR 4187328
13	4710793	Clamp	4		
14	.....	Screw With Washer	4		J271250 NLA
	19M7361	Cap Screw	4		M12 X 50, SUB FOR J901250
	24M7345	Washer	4		13.500 X 24 X 2.500 mm, SUB FOR J222012
15	4190126	Clamp	4		
16	.....	Screw With Washer	6		4661579 NLA
	19M8348	Cap Screw	6		M12 X 65, 4661579 NLA, SUB FOR J901265
	24M7345	Washer	6		13.500 X 24 X 2.500 mm, SUB FOR J222012
17	4189859	Clamp	2		
18	4153488	Clamp	2		
19	.....	Screw With Washer	2		4657481 NLA
	19M8088	Cap Screw	2		M12 X 75, SUB FOR J901275
	24M7345	Washer	2		13.500 X 24 X 2.500 mm, SUB FOR J222012
23	4710796	Clamp	2		
24	4710798	Clamp	2		
25	.....	Screw With Washer	4		J271235 NLA
	19M7403	Cap Screw	4		M12 X 35
	24M7345	Washer	4		13.500 X 24 X 2.500 mm

Arm Lines, 2.42 m (7.8 ft) Arm

TX1117115 A.1



TX1117115

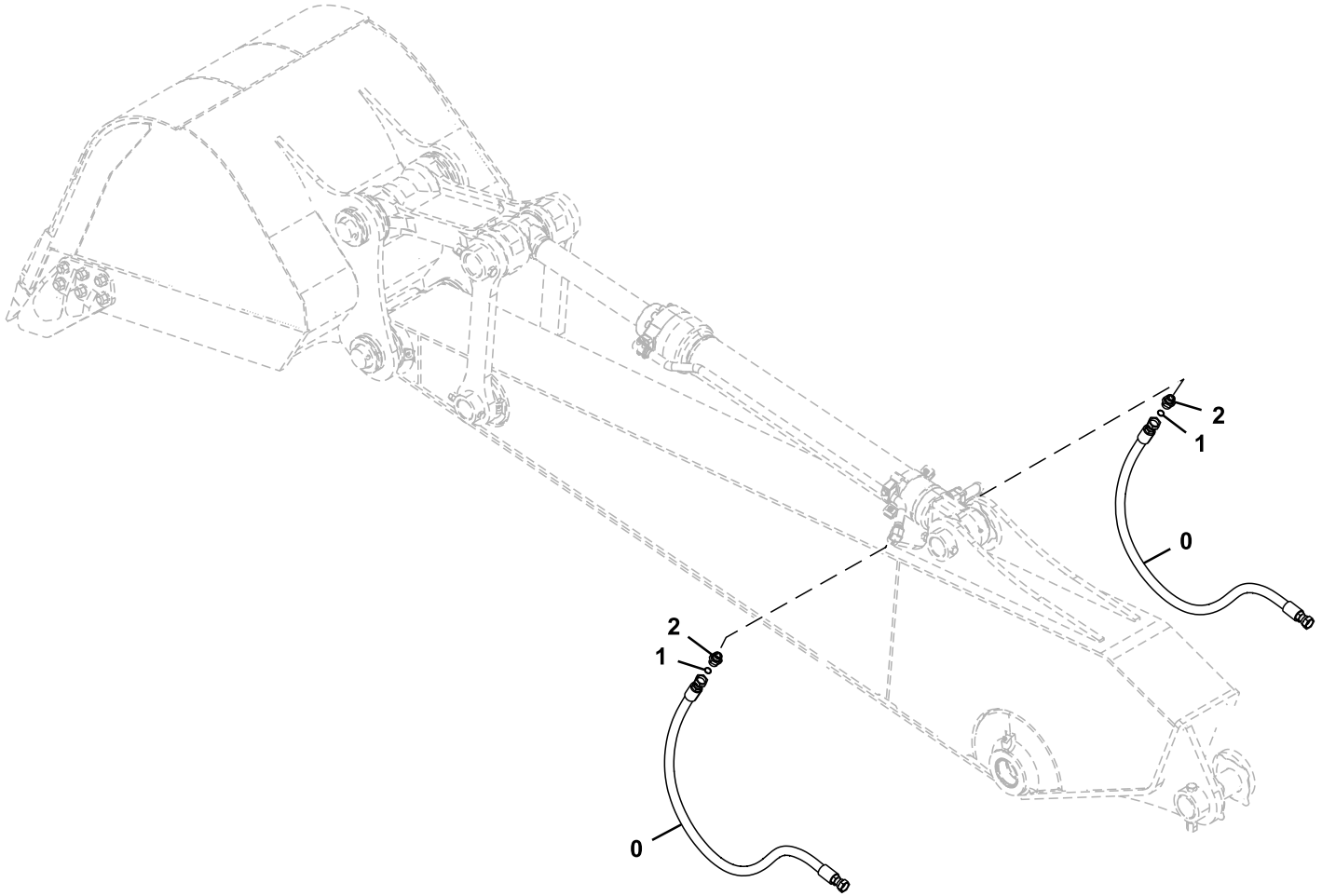
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Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	4653833	Hose	2		
1	T77858	O-Ring	2		SUB FOR 4187308
2	A853366	Elbow Fitting	2		INCLUDES AT318035
	AT318035	O-Ring	1		SUB FOR 4506424

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Arm Lines, 2.91 m Arm

TX1117116 A.1



TX1117116

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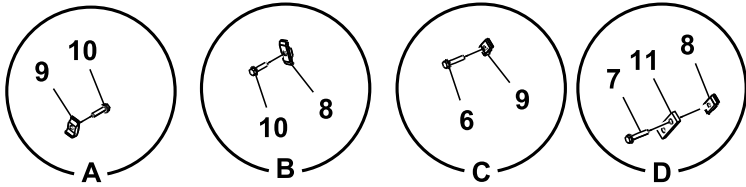
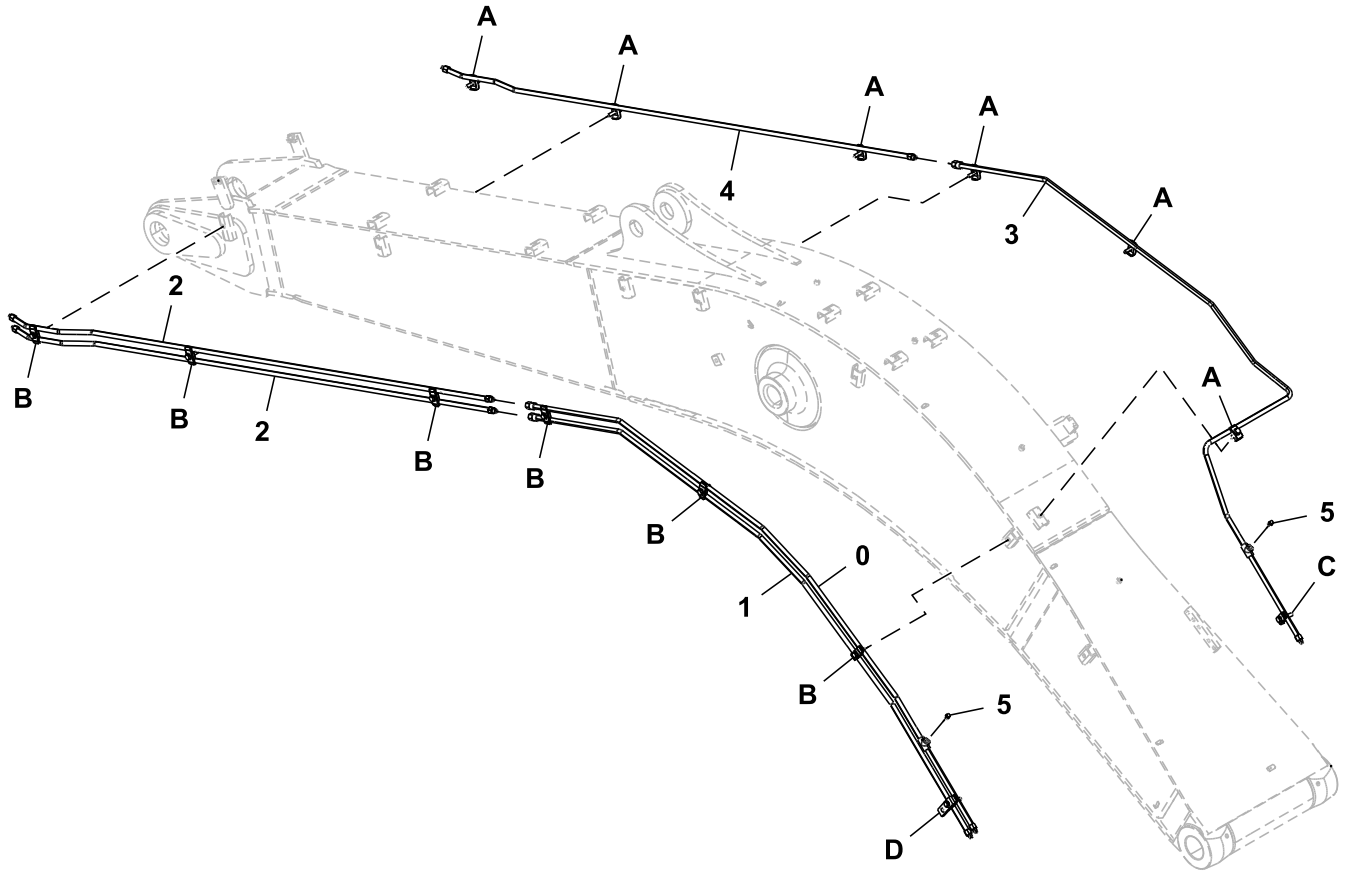
Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	4653833	Hose	2		
1	T77858	O-Ring	2		SUB FOR 4187308
2	A853166	Adapter Fitting	2		INCLUDES AT318035
	AT318035	O-Ring	1		SUB FOR 4506424

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Boom Lines, Assist

TX1212324 A.1

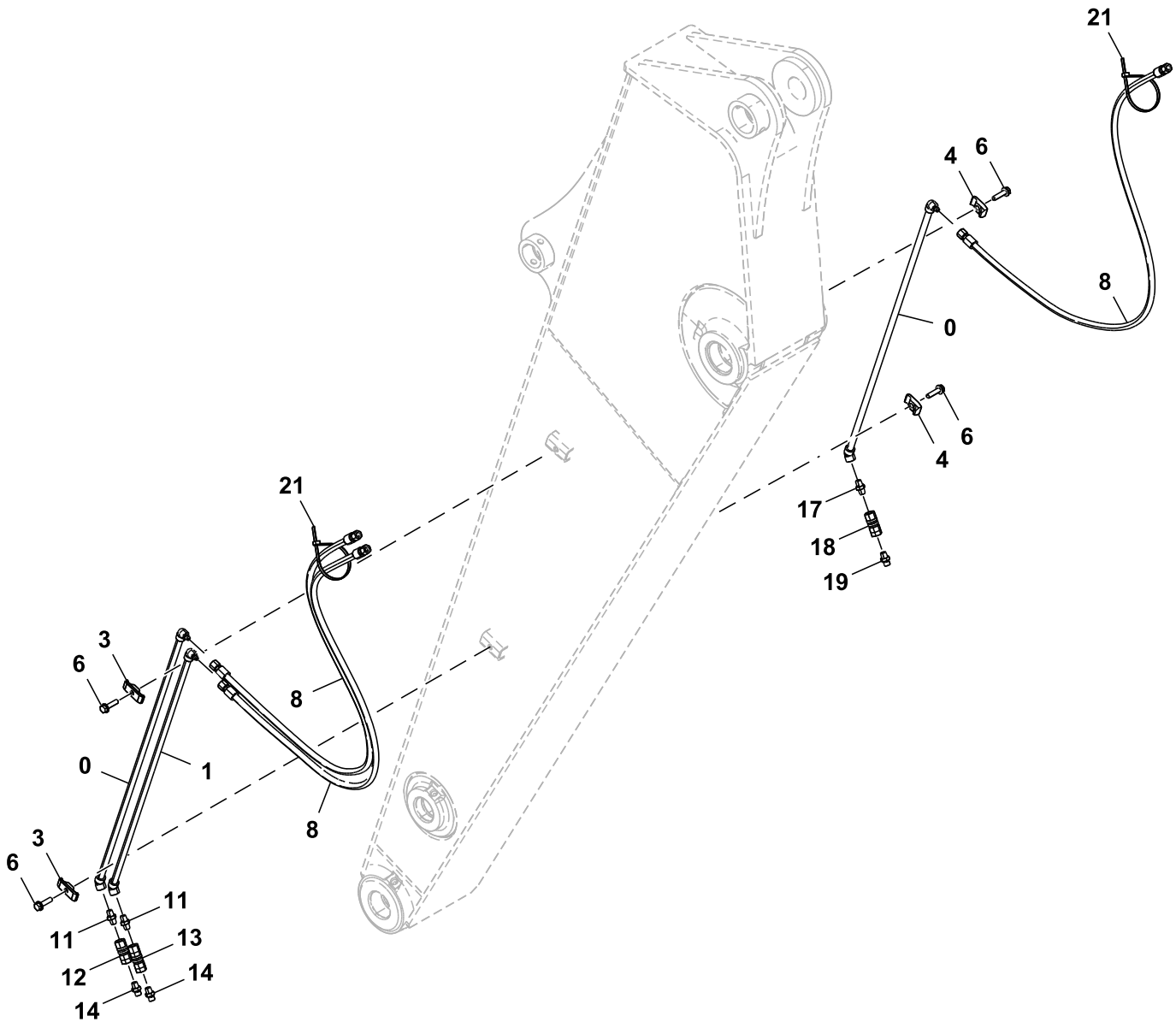


TX1212324

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	FYA40000372H	Pipe	1		SUB FOR FYA40000372
1	FYA40000373H	Pipe	1		SUB FOR FYA40000373
2	8121425H	Pipe	2		SUB FOR 8121425
3	FYA40000374H	Pipe	1		SUB FOR FYA40000374
4	8121426H	Pipe	1		SUB FOR 8121426
5	94-2023	Fitting Plug	2		
6	.....	Screw With Washer	1		4666091 NLA
	19M7363	Cap Screw	1		M12 X 60, SUB FOR J901260
	24M7345	Washer	1		13.500 X 24 X 2.500 mm, SUB FOR J222012
7	.....	Screw With Washer	1		4661579 NLA
	19M8348	Cap Screw	1		M12 X 65, SUB FOR J901265
	24M7345	Washer	1		13.500 X 24 X 2.500 mm, SUB FOR J222012
8	4189858	Clamp	7		
9	4190124	Clamp	7		
10	.....	Screw With Washer	12		4665706 NLA
	19M7361	Cap Screw	12		M12 X 50, SUB FOR J901250
	24M7345	Washer	12		13.500 X 24 X 2.500 mm, SUB FOR J222012
11	FYA40011526	Bracket	1		

Hydraulic Lines, 2.42 m (7.8 ft) Arm

TX1212330 A.1

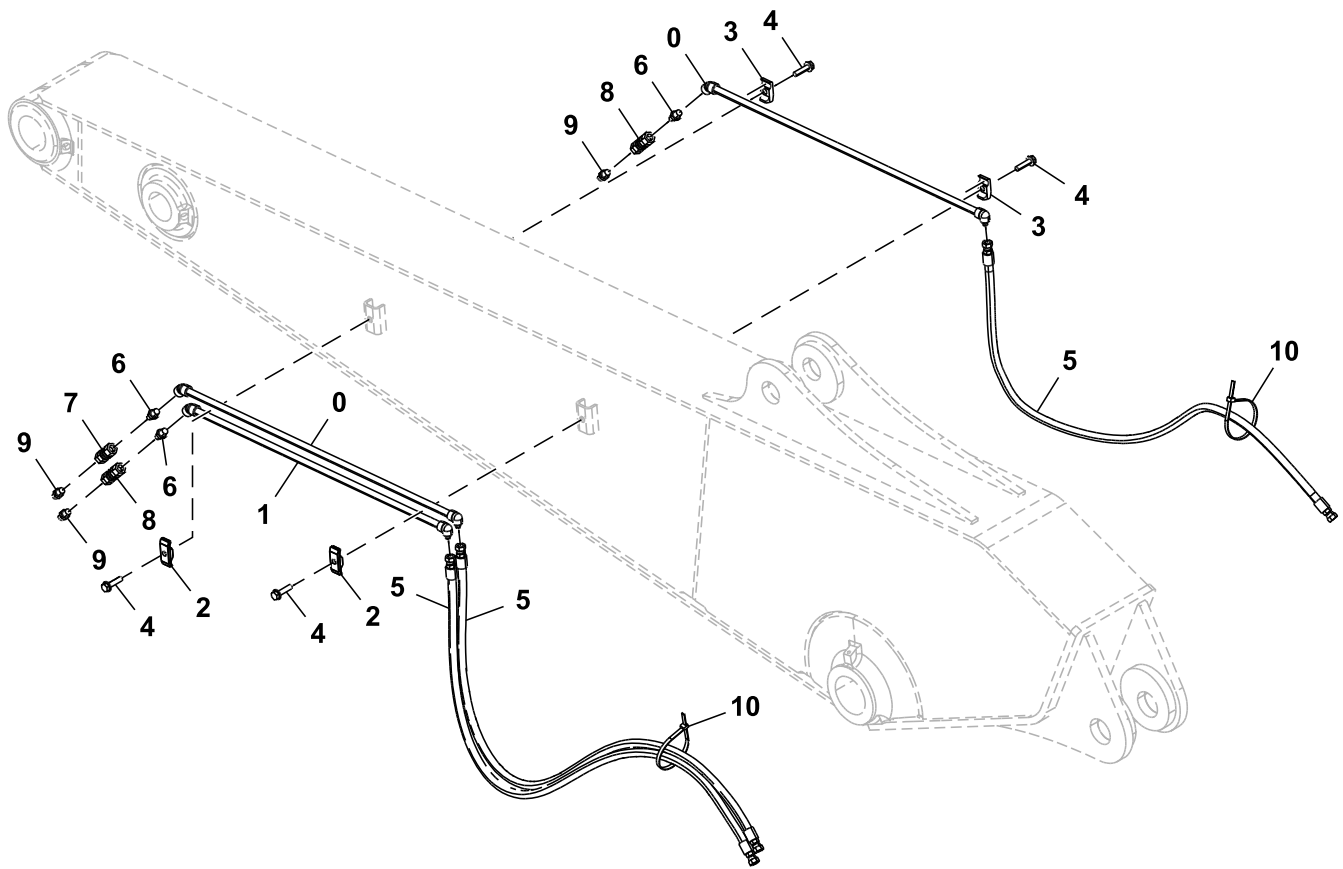


TX1212330

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	8089063H	Pipe	2		SUB FOR 8089063
1	8089064H	Pipe	1		SUB FOR 8089064
3	4189858	Clamp	2		
4	4190124	Clamp	2		
6	.....	Screw With Washer	4		4665706 NLA
	19M7361	Cap Screw	4		M12 X 50, SUB FOR J901250
	24M7345	Washer	4		13.500 X 24 X 2.500 mm, SUB FOR J222012
8	4489201	Hydraulic Hose	3		
11	94-1702	Adapter Fitting	2		
12	4644533	Cap	1		
13	TH4059552	Coupling	1		SUB FOR 4059552
14	94-1302	Adapter Fitting	2		
17	94-1702	Adapter Fitting	1		
18	TH4059552	Coupling	1		SUB FOR 4059552
19	94-1302	Adapter Fitting	1		
21	H77698	Tie Band	2		SUB FOR 4121859

Hydraulic Lines, 2.91 m (9.5 ft) Arm

TX1212333 A.1

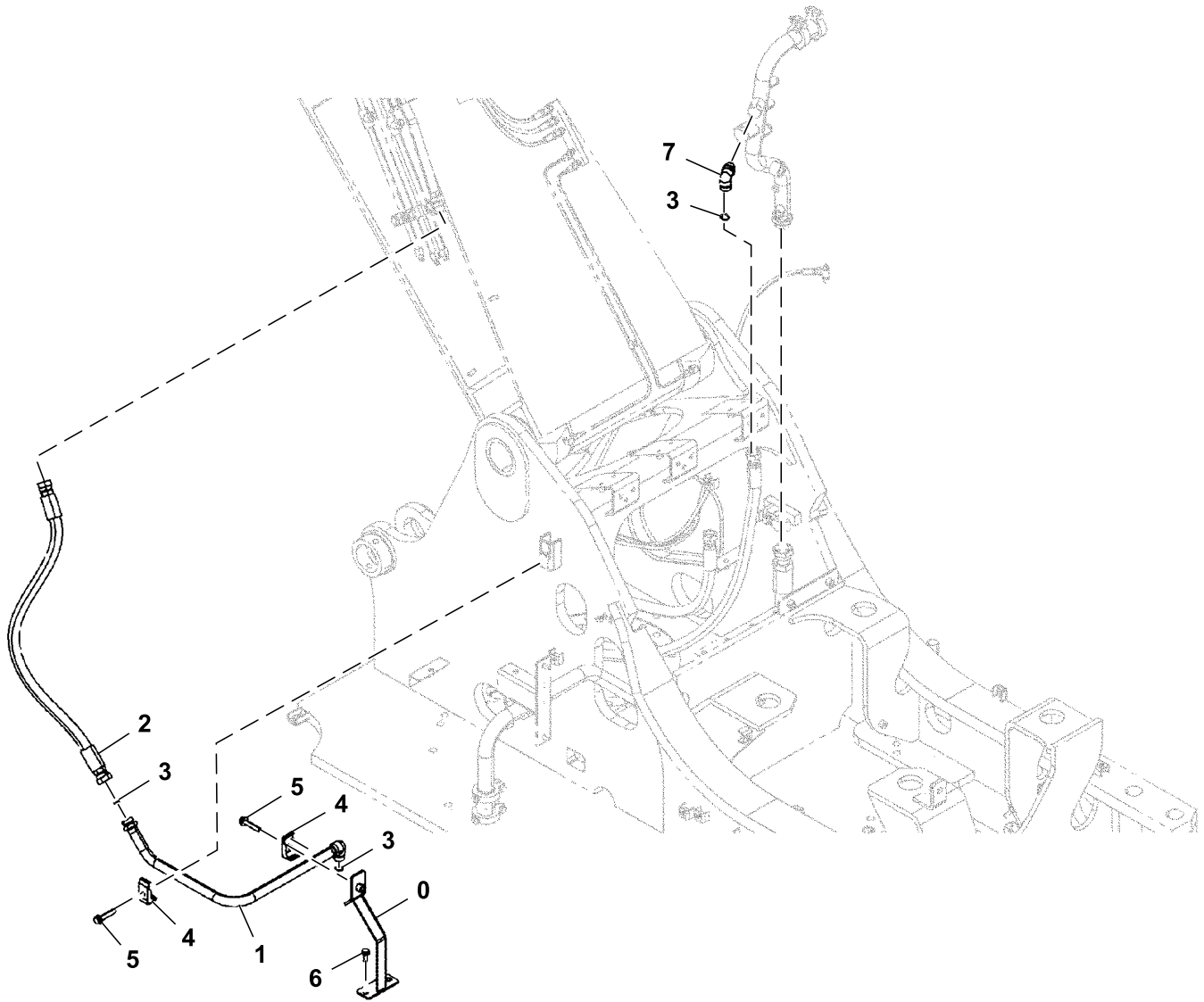


TX1212333

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	FYA40003350H	Pipe	2		SUB FOR FYA40003350
1	FYA40003351H	Pipe	1		SUB FOR FYA40003351
2	4189858	Clamp	2		
3	4190124	Clamp	2		
4	.....	Screw With Washer	4		4665706 NLA
	19M7361	Cap Screw	4		M12 X 50, SUB FOR J901250
	24M7345	Washer	4		13.500 X 24 X 2.500 mm, SUB FOR J222012
5	4462707	Hydraulic Hose	3		
6	94-1702	Adapter Fitting	3		
7	4232933	Fitting	1		
8	TH4059552	Coupling	2		SUB FOR 4059552
9	94-1302	Adapter Fitting	3		
10	H77698	Tie Band	2		SUB FOR 4121859

Common Piping Without Breaker Crusher (1 Of 3)

TX1212994 A.1



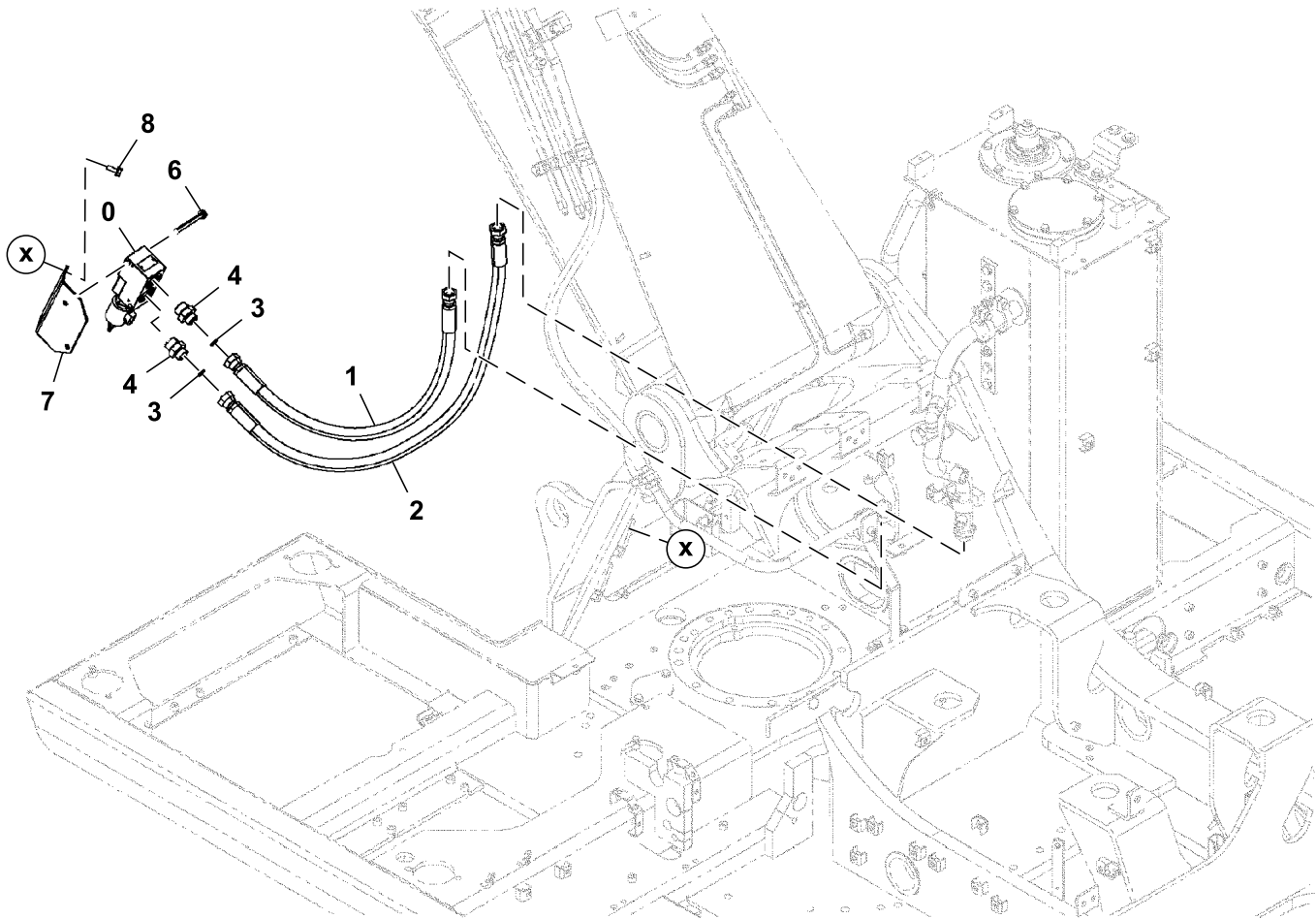
TX1212994

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	FYA40012596	Bracket	1		
1	FYA40012597H	Pipe	1		FYA40012597 NLA
2	4650212	Hose	1		ALSO ORDER (3) 4327294, FYA60010035 NLA
	4327294	Hose Guard	3		
3	T77858	O-Ring	3		SUB FOR 4187308
4	4190126	Clamp	2		
5	.....	Screw With Washer	2		J271265 NLA
	19M8348	Cap Screw	2		M12 X 65, SUB FOR J901265
	24M7345	Washer	2		13.500 X 24 X 2.500 mm, SUB FOR J222012
6	.....	Screw With Washer	2		J271030 NLA
	19M7662	Cap Screw	2		M10 X 30, SUB FOR J901030
	24M7346	Washer	2		11 X 20 X 2 mm, SUB FOR J222010
7	A853366	Elbow Fitting	1		INCLUDES AT318035
	AT318035	O-Ring	1		SUB FOR 4506424



Common Piping Without Breaker Crusher (2 Of 3)

TX1235930 A.1

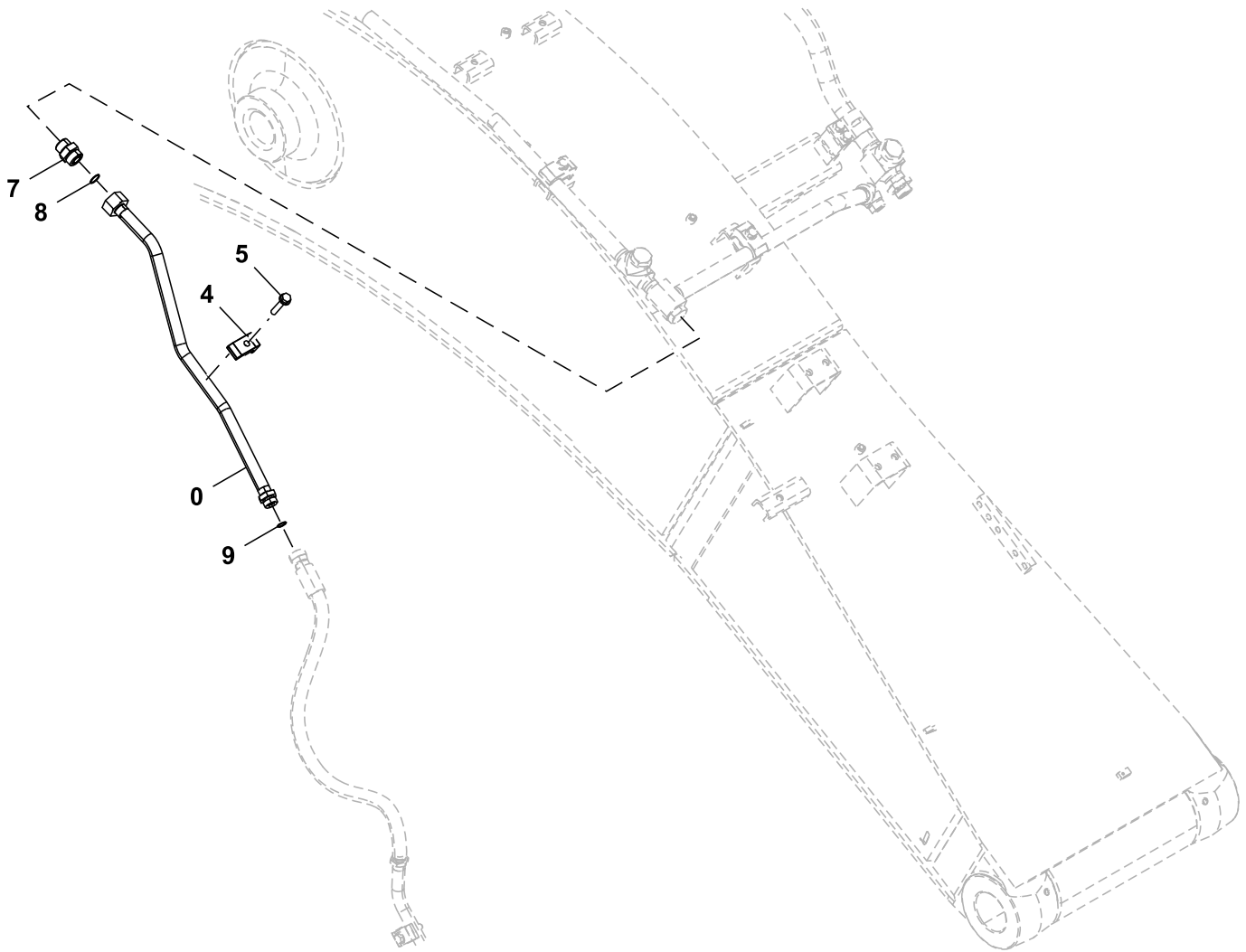


TX1235930

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	4722641	Valve	1		
1	4628532	Hydraulic Hose	1		
2	4407812	Hose	1		
3	T77858	O-Ring	2		SUB FOR 4187308
4	A853186	Adapter Fitting	2		
	TH101926	O-Ring	1		SUB FOR 4506429
6	.....	Screw With Washer	2		J271000 NLA
	24M7346	Washer	2		11 X 20 X 2 mm, SUB FOR J222010
	24M7346	Washer	2		11 X 20 X 2 mm, SUB FOR J222010
7	FYA40011137	Bracket	1		
8	.....	Screw With Washer	2		J271030 NLA
	19M7662	Cap Screw	2		M10 X 30, SUB FOR J901030
	24M7346	Washer	2		11 X 20 X 2 mm, SUB FOR J222010

Common Piping Without Breaker Crusher (3 Of 3)

TX1210996 A.1

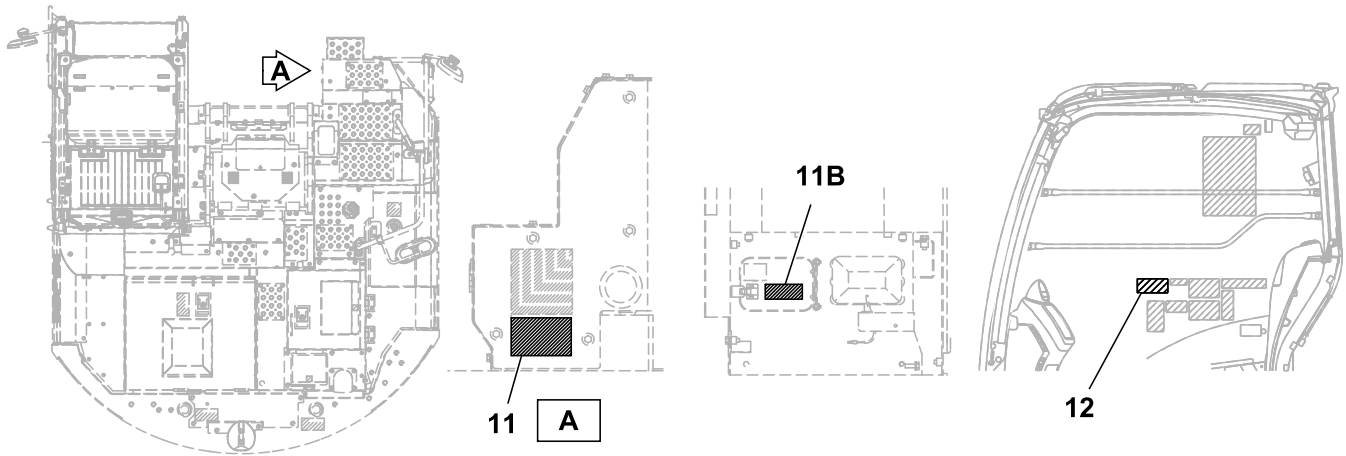
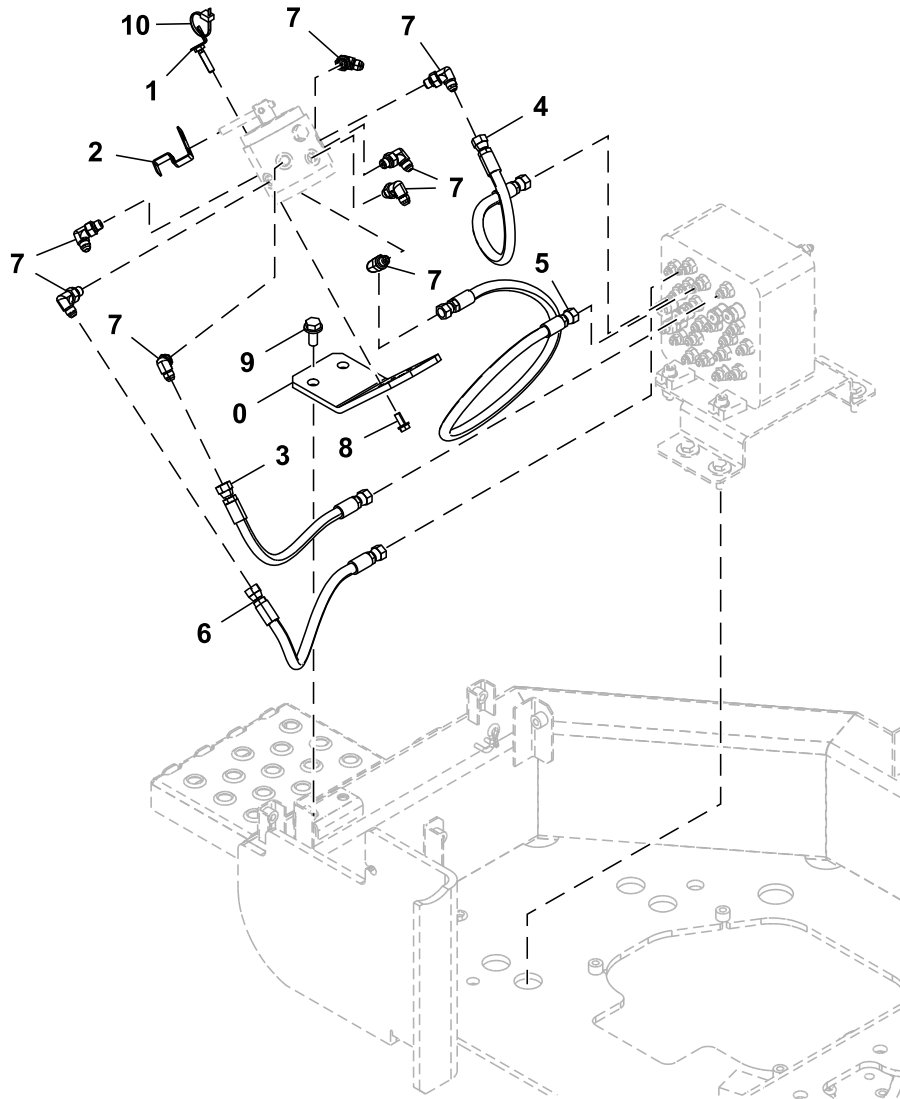


TX1210996

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	FYA40000600H	Pipe	1		SUB FOR FYA40000600
4	4190126	Clamp	1		
5		Screw With Washer	1		4661579 NLA
	19M8348	Cap Screw	1		M12 X 65, SUB FOR J901265
	24M7345	Washer	1		13.500 X 24 X 2.500 mm, SUB FOR J222012
7	A853188	Adapter Fitting	1		INCLUDES TH101926
	TH101926	O-Ring	1		SUB FOR 4506429
8	T76938	O-Ring	1		SUB FOR 4187328
9	T77858	O-Ring	1		SUB FOR 4187308

Mechanical Pattern Changer Lines And Bracket

TX1211084 A.1



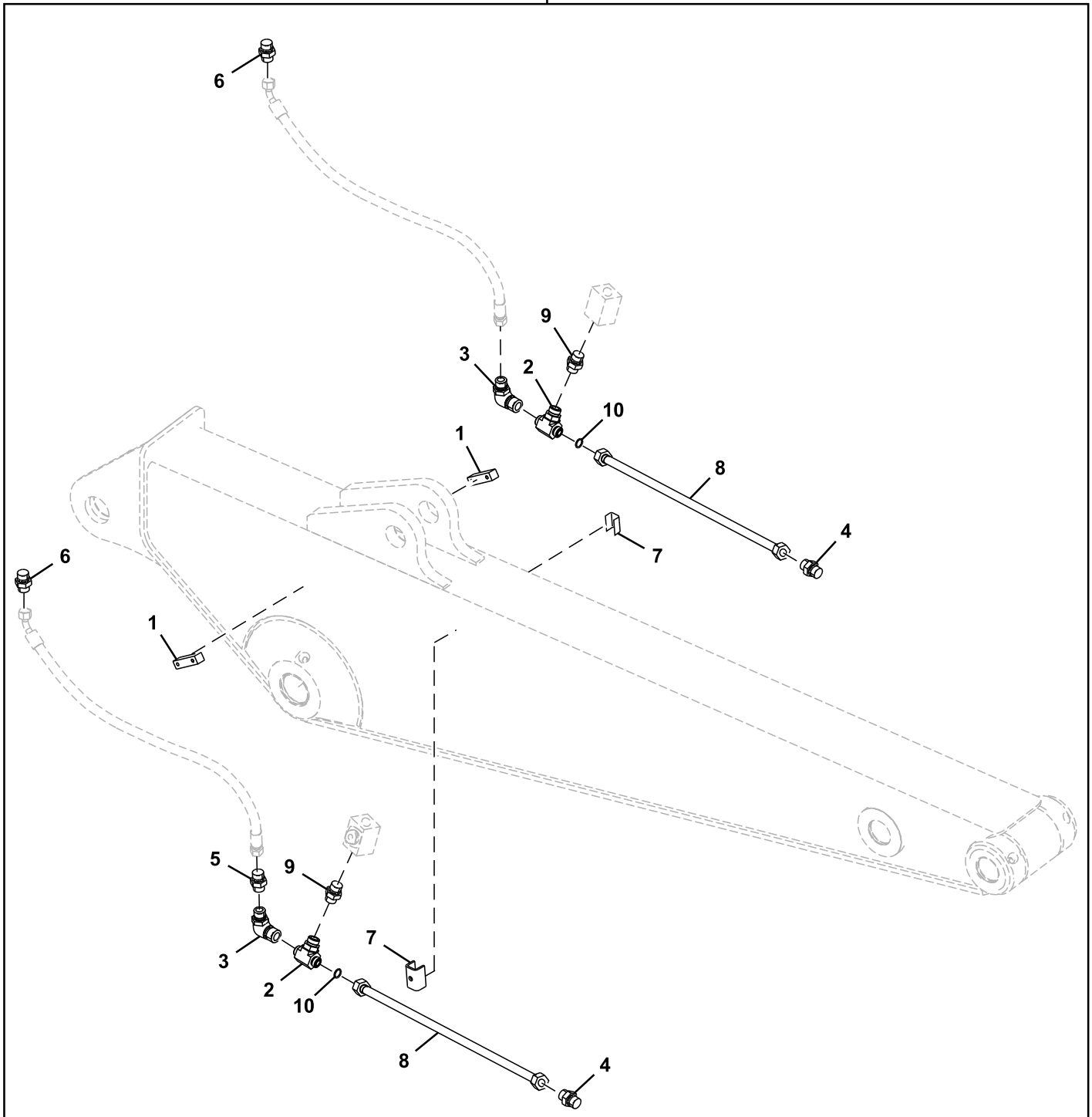
TX1211084

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	FYA00025200	Bracket	1		
1	9767321	Bracket	1		
2	4665191	Bracket	1		
3	FYA00013435	Hose	1		
4	4364346	Hose	1		
5	FYA00013436	Hose	1		
6	FYA00013437	Hose	1		
7	A852323	Elbow Fitting	8		INCLUDES 957366
	957366	O-Ring	1		
8	.....	Screw With Washer	4		J260820 NLA
	19M7881	Screw	4		M8 X 20, SUB FOR J900820
	24M7055	Washer	4		8.400 X 16 X 1.600 mm, SUB FOR A590108
9	.....	Screw With Washer	2		J271230 NLA
	19M8011	Cap Screw	2		M12 X 30, SUB FOR J901230
	24M7345	Washer	2		13.500 X 24 X 2.500 mm, SUB FOR J222012
10	H77698	Tie Band	1		SUB FOR 4055311
11	4630503	Label	1		Caution During Operation
11B	4666312	Label	1		Attention - Pattern Changer
12	4664743	Pattern	1		Excavator
	4664568	Pattern	1		Backhoe
	4260602	Case	1		Clear Case

Combination Line Arm Kit

TX1114884 A.1

90



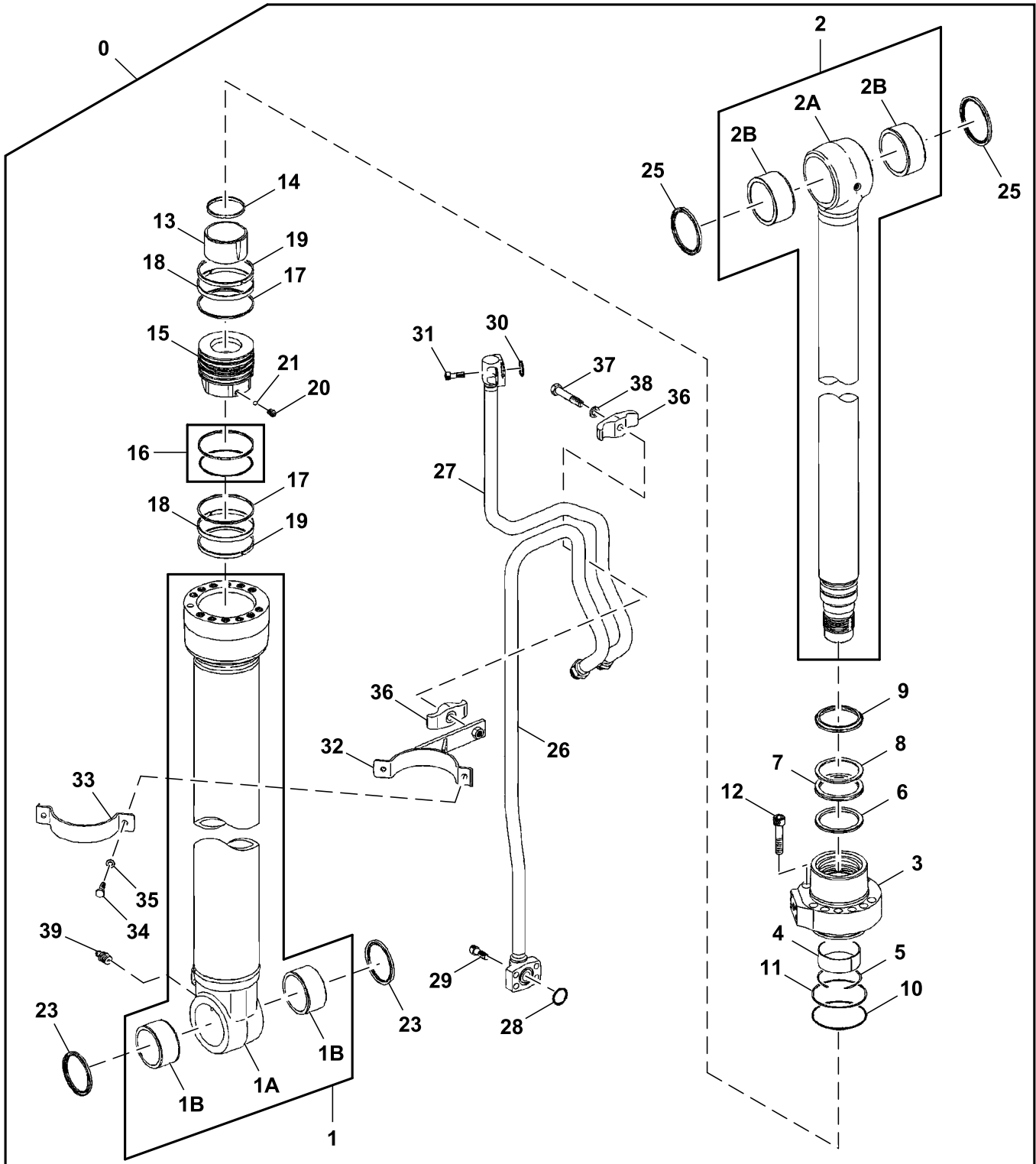
TX1114884

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
1	4429829	Weld Nut	2		
2	38H1002	Tee Fitting	2		INCLUDES T76938
	T76938	O-Ring	2		
3	38H1098	Elbow Fitting	2		INCLUDES T76938 AND R29936
	T76938	O-Ring	1		
	R29936	O-Ring	1		
4	38H1151	Fitting Plug	2		INCLUDES T78612
	T78612	O-Ring	2		
5	38H1483	Reducer	1		INCLUDES T77858
	T77858	O-Ring	1		
6	38H1609	Adapter Fitting	2		INCLUDES T77858
	T77858	O-Ring	2		
7	9763817	Weld Nut	2		
8	FF535549	Pipe	2		SUB FOR AT343967
9	AT452759	Adapter Fitting	2		
10	T76938	O-Ring	2		
<b>90</b>	<b>AT343990</b>	<b>Field Installation Kit</b>	<b>1</b>		<b>Whole Goods</b>



Left Boom Cylinder Components

TX1175890 B.1



TX1175890

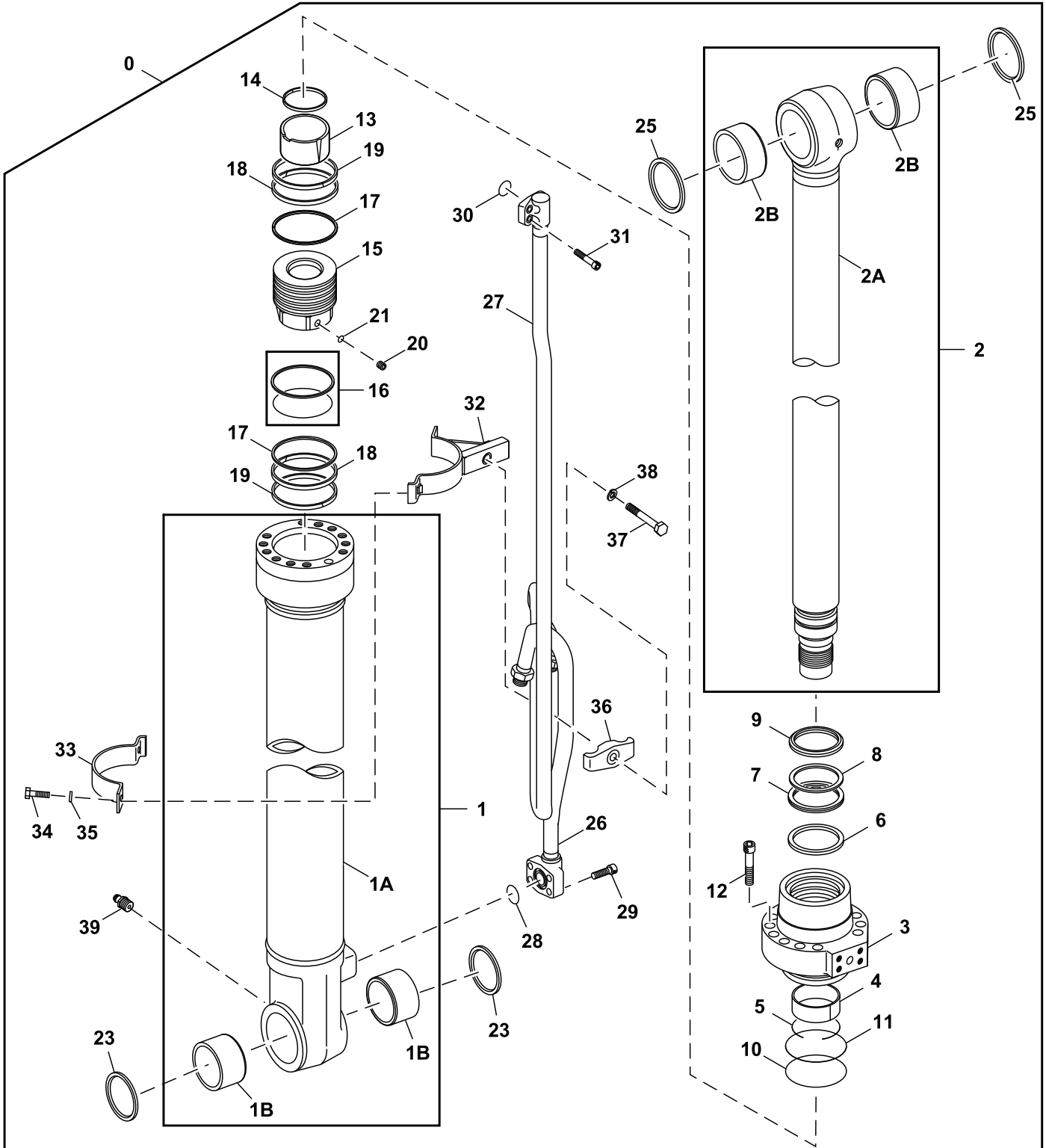
40 — 32,33,34,35, 36,37,38      80 — 6,7,8,9,10, 11,14,16,17

33 Backhoe and Excavator  
3365 Hydraulic Cylinders

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	9315652H	Hydraulic Cylinder	1		SUB FOR 9315652
1	FXB00002612H	Hydraulic Cylinder Barrel	1		SUB FOR FXB00002612
1A	.....	Hydraulic Cylinder Barrel	1		NLA
1B	4352398	Bushing	2		
2	FXB00002593H	Hydraulic Cylinder Rod	1		SUB FOR FXB00002593
2A	.....	Hydraulic Cylinder Rod	1		NLA
2B	4355875	Bushing	2		
3	H180210	Hydr. Cylinder Rod Guide	1		SUB FOR 0788905
4	AT264272	Bushing	1		SUB FOR 4272960
5	TH104944	Snap Ring	1		SUB FOR 0208304
6	H227911	Seal	1		SUB FOR 0788911
7	0788912	Ring	1		SUB FOR 4S00660
8	AT309614	Back-Up Ring	1		SUB FOR 0255005
9	4729048	Ring	1		SUB FOR 4S00202
10	AT264342	O-Ring	1		SUB FOR A811115
11	AT264359	Back-Up Ring	1		SUB FOR 0261310
12	19M8931	Screw	12		M16 X 75, SUB FOR 0409705
13	H155920	Ring	1		SUB FOR 0409706
14	H155919	Seal	1		SUB FOR 0667205
15	H227626	Piston	1		SUB FOR 0998903
16	AT264355	Seal	1		SUB FOR 0258205
17	H155916	Back-Up Ring	2		SUB FOR 0409709
18	H227906	Ring	2		SUB FOR 0998904
19	AT264356	Wear Ring	2		SUB FOR 0261308
20	22M6684	Set Screw	1		M12 X 12, SUB FOR 0309011
21	T13624	Ball	1		SUB FOR 0111707
23	TH102446	Seal	2		SUB FOR 0855003
25	4067901	Seal	2		SUB FOR 4067901
26	FYA00019408H	Oil Line	1		SUB FOR FYA00019408
27	FYA00019409H	Oil Line	1	-800002	SUB FOR FYA00019409
	FYA00057009	Pipe	1	800003-	
28	AT264348	O-Ring	1		SUB FOR Z984614
29	19M8448	Screw	4		M12 X 35, SUB FOR M341236
30	4506430	O-Ring	1		
31	19M8337	Screw	4		M10 X 30, SUB FOR M341030
32	FYA00019412	Band	1		
33	H238068	Band	1		SUB FOR 0686409
34	19M7550	Cap Screw	2		M10 X 35, SUB FOR J901035
35	12M7066	Lock Washer	2		10 mm, SUB FOR A590910
36	4636053	Holder	2		
37	19M4789	Cap Screw	1		M14 X 80, SUB FOR 0254312
38	12M7068	Lock Washer	1		14 mm, SUB FOR 0456005
39	TH100074	Lubrication Fitting	1		SUB FOR J75481
40	FXB00002596	Band Kit	1		Band Kit, INCLUDES FYA00019412, H238068, (2) 19M7550, (2) 12M7066, (2) 4636053, 19M4789, 12M7068
80	FYA00001396	Seal Kit	1		SUB FOR 4S00721 OR 4S00812

Right Boom Cylinder Components

TX1117120 B.1



TX1117120

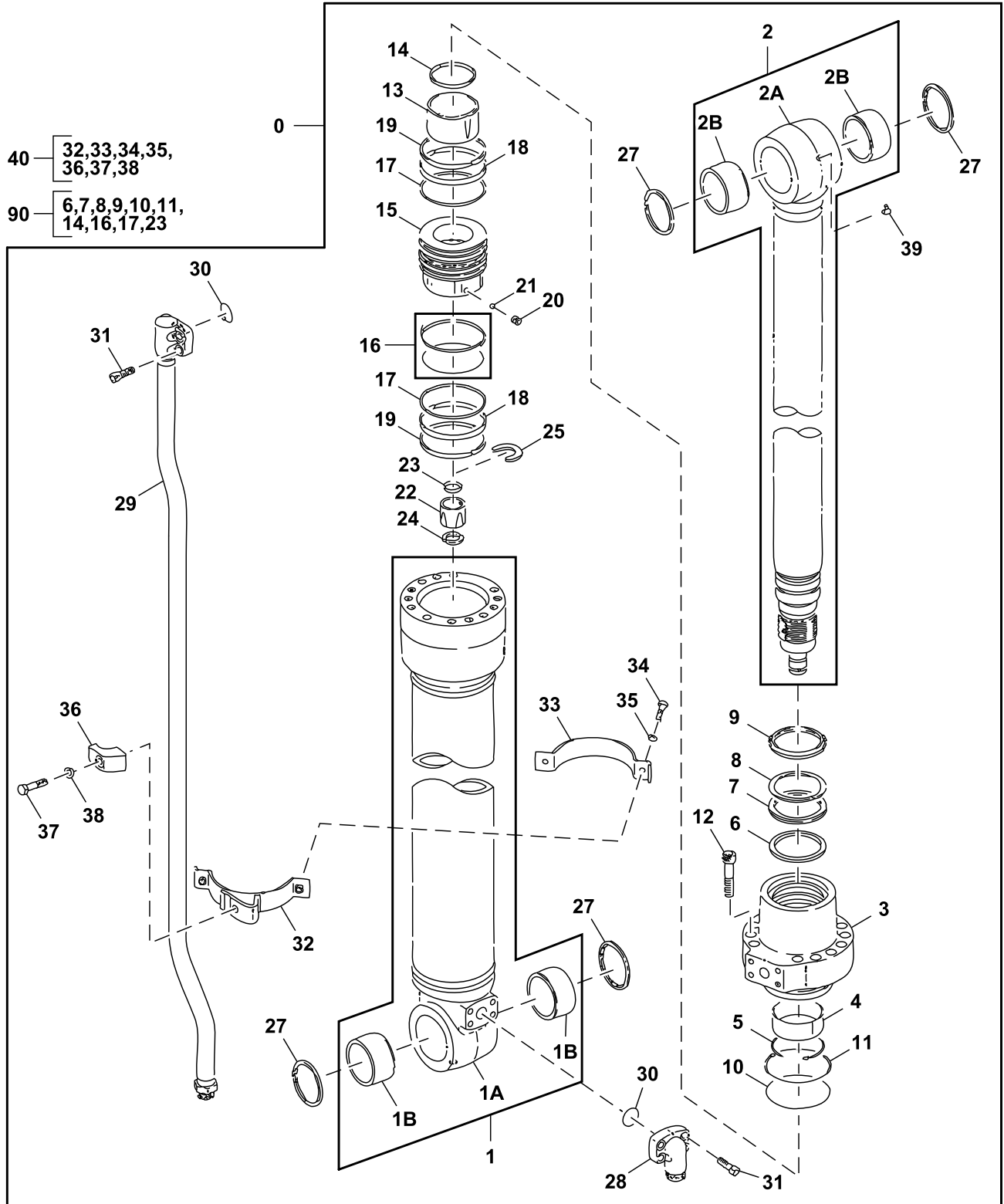
40 — 32, 33, 34, 35, 36, 37, 38    80 — 6, 7, 8, 9, 10, 11, 14, 16, 17

33 Backhoe and Excavator  
3365 Hydraulic Cylinders

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	9315651H	Hydraulic Cylinder	1		SUB FOR 9315651
1	FXB00002592H	Hydraulic Cylinder Barrel	1		SUB FOR FXB00002592
1A	.....	Hydraulic Cylinder Barrel	1		NLA
1B	4352398	Bushing	2		
2	FXB00002593H	Hydraulic Cylinder Rod	1		SUB FOR FXB00002593
2A	.....	Hydraulic Cylinder Rod	1		NLA
2B	4355875	Bushing	2		
3	H180210	Hydr. Cylinder Rod Guide	1		SUB FOR 0788905
4	AT264272	Bushing	1		SUB FOR 4272960
5	TH104944	Snap Ring	1		SUB FOR 0208304
6	H227911	Seal	1		SUB FOR 0788911
7	0788912	Ring	1		SUB FOR 4S00660
8	AT309614	Back-Up Ring	1		SUB FOR 0255005
9	4729048	Ring	1		SUB FOR 4S00202
10	AT264342	O-Ring	1		SUB FOR A811115
11	AT264359	Back-Up Ring	1		SUB FOR 0261310
12	19M8931	Screw	12		M16 X 75, SUB FOR 0409705
13	H155920	Ring	1		SUB FOR 0409706
14	H155919	Seal	1		SUB FOR 0667205
15	H227626	Piston	1		SUB FOR 0998903
16	AT264355	Seal	1		Includes Two Pieces, SUB FOR 0258205
17	H155916	Back-Up Ring	2		SUB FOR 0409709
18	H227906	Ring	2		SUB FOR 0998904
19	AT264356	Wear Ring	2		SUB FOR 0261308
20	22M6684	Set Screw	1		M12 X 12, SUB FOR 0309011
21	T13624	Ball	1		SUB FOR 0111707
23	TH102446	Seal	2		SUB FOR 0855003
25	4067901	Seal	2		SUB FOR 4067901
26	FYA00019411H	Oil Line	1		SUB FOR FYA00019411
27	FYA00019410H	Oil Line	1	-700001	SUB FOR FYA00019410
	FYA00044416	Pipe	1	700002-	
28	AT264348	O-Ring	1		SUB FOR Z984614
29	19M8448	Screw	4		M12 X 35, SUB FOR M341236
30	4506430	O-Ring	1		
31	19M8337	Screw	4		M10 X 30, SUB FOR M341030
32	FYA00019412	Band	1		
33	H238068	Band	1		SUB FOR 0686409
34	19M7550	Cap Screw	2		M10 X 35, SUB FOR J901035
35	12M7066	Lock Washer	2		10 mm, SUB FOR A590910
36	4636053	Holder	1		
37	19M4789	Cap Screw	1		M14 X 80, SUB FOR 0254312
38	12M7068	Lock Washer	1		14 mm, SUB FOR 0456005
39	TH100074	Lubrication Fitting	1		SUB FOR J75481
40	FXB00002596	Band Kit	1		
80	FYA00001396	Seal Kit	1		SUB FOR 4S00721 OR 4S00812

Arm Cylinder Components

TX1118024 C.1

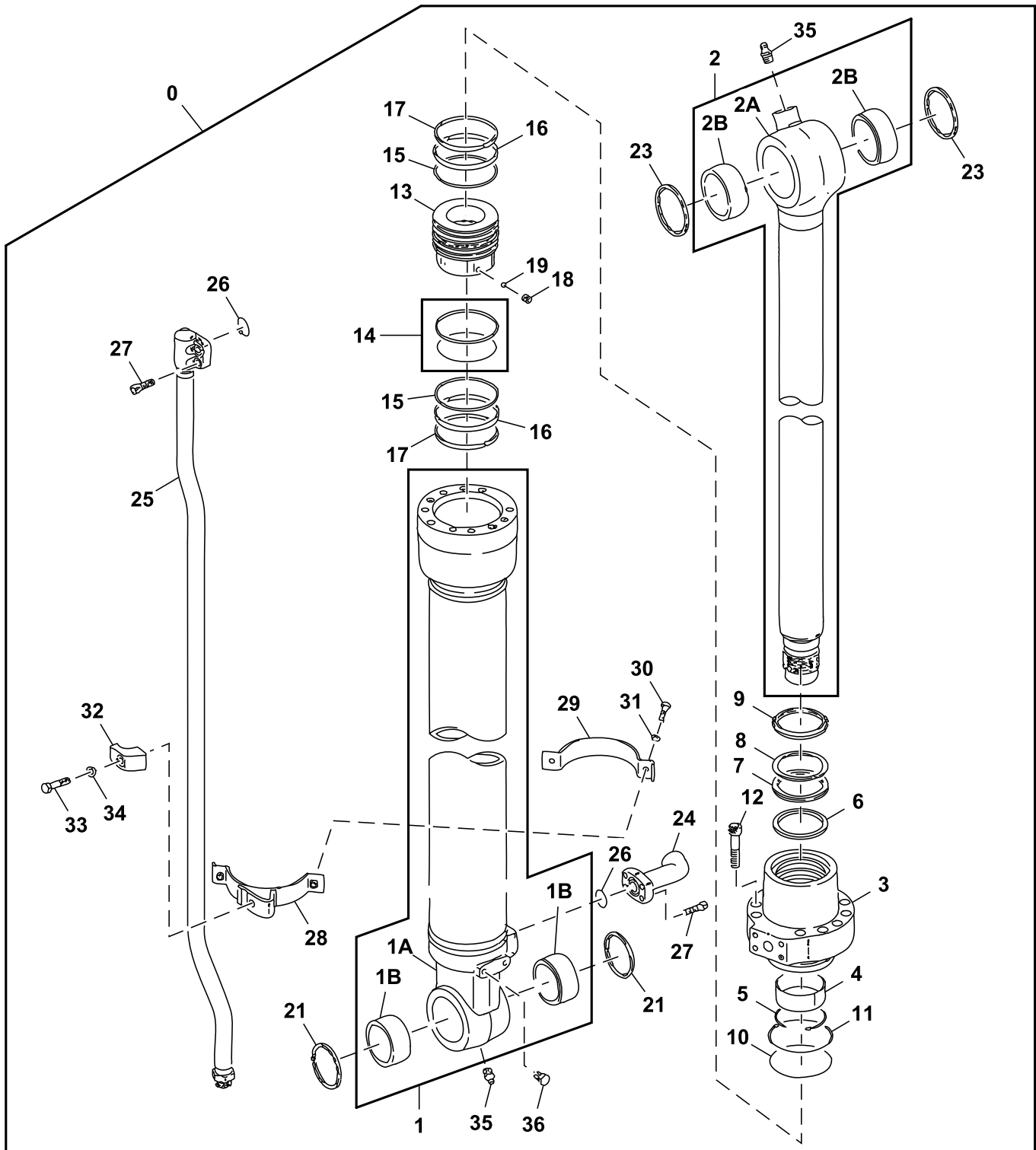


TX1118024

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	9312271H	Hydraulic Cylinder	1		SUB FOR 9312271
1	FXB00001764H	Hydraulic Cylinder Barrel	1		
1A	.....	Hydraulic Cylinder Barrel	1		
1B	4352399	Bushing	2		
2	FXB00001766H	Hydraulic Cylinder Rod	1		
2A	.....	Hydraulic Cylinder Rod	1		
2B	4352399	Bushing	2		
3	H178686	Hydr. Cylinder Rod Guide	1		SUB FOR 0789105
4	T108050	Wear Ring	1		SUB FOR 0309204
5	TH102766	Snap Ring	1		SUB FOR 0236905
6	H227909	Seal	1		SUB FOR 0997703
7	0976014	Ring	1		
8	H155310	Back-Up Ring	1		SUB FOR 0667405
9	4729050	Scraper Ring	1		SUB FOR 4S00654
10	AT264224	O-Ring	1		SUB FOR A811130
11	H178691	Back-Up Ring	1		SUB FOR 0482806 OR 4S00655
12	19M8913	Screw	12		M18 X 80, SUB FOR M341880
13	H227903	Ring	1		SUB FOR 1100503
14	H155320	Seal	1		SUB FOR 1100508
15	H227625	Piston	1		SUB FOR 1100505
16	AH173446	Ring	1		SUB FOR 0309210, Includes Two Pieces
17	H178694	Back-Up Ring	2		SUB FOR 0789109
18	H227905	Ring	2		SUB FOR 0962104
19	H178696	Back-Up Ring	2		SUB FOR 0309212
20	H228111	Set Screw	1		SUB FOR 0352715
21	R26552	Ball	1		SUB FOR 0104404
22	H227904	Ring	1		SUB FOR 1100506
23	H155322	Seal	1		SUB FOR 0667411
24	H155329	Ring	2		SUB FOR 0409915
25	H155330	Piston Ring	1		SUB FOR 0409916
27	TH102446	Seal	4		SUB FOR 0855003
28	4648565	Pipe	1		
29	4676790H	Oil Line	1		
30	AT264348	O-Ring	2		SUB FOR 984614
31	19M8448	Screw	8		M12 X 35, SUB FOR M341236
32	AH225133	Clamp	1		SUB FOR 0962106
33	H227901	Clamp	1		SUB FOR 0309221
34	19M7550	Cap Screw	2		M10 X 35, SUB FOR J901035
35	A590910	Washer	2		
36	4720564	Clamp	1		
37	19M7550	Cap Screw	1		M10 X 35, SUB FOR J901265
38	12M7058	Lock Washer	1		12 mm, SUB FOR 0208516
39	4146061	Fitting	1		SUB FOR 1214903
40	0962110	Clamp Kit	1		
90	FYA00001400	Seal Kit	1		

Bucket Cylinder Components

TX1118025 C.1



TX1118025

40 — 28,29,30,  
31,32,33,34

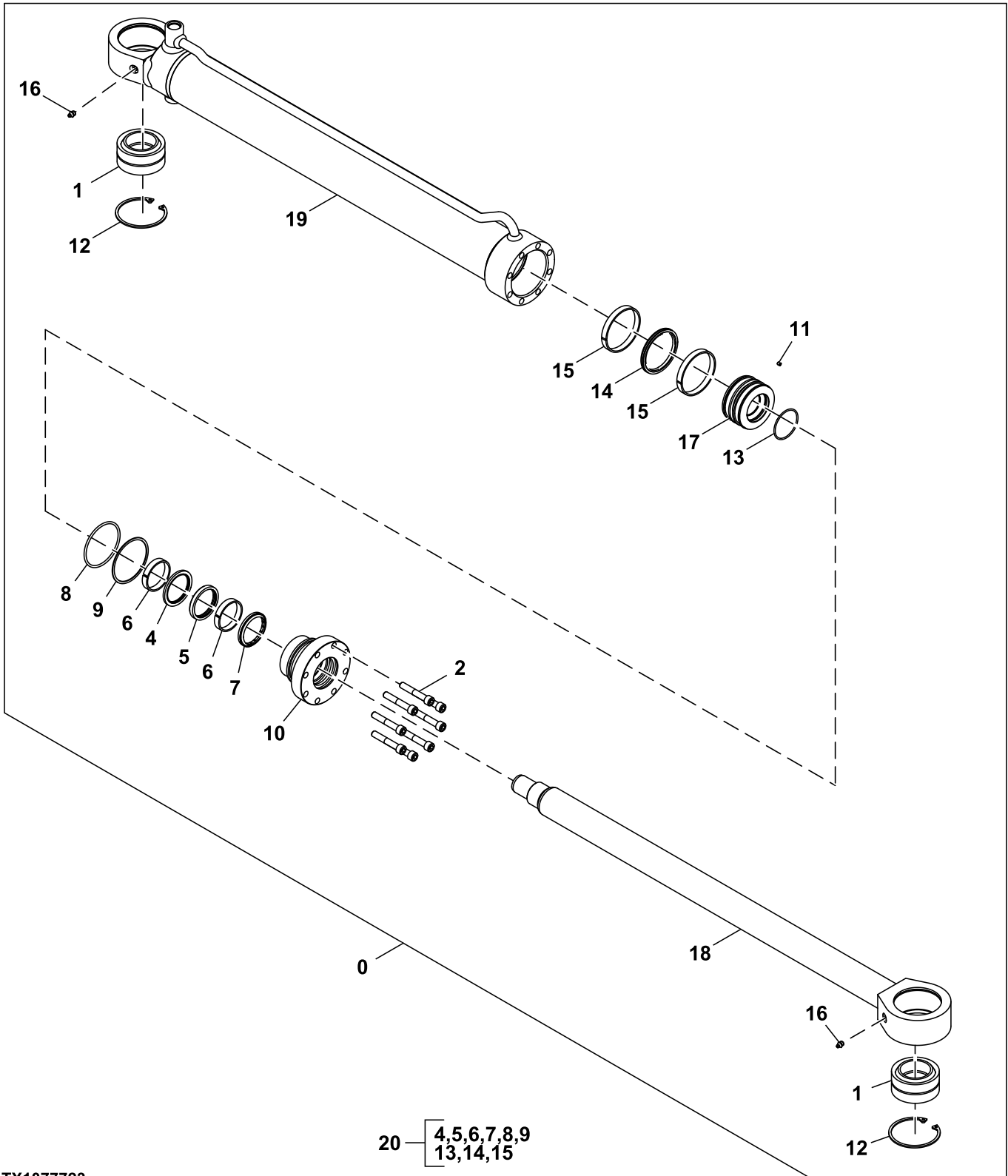
90 — 6,7,8,9,10,  
11,14,15

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	9312272H	Cylinder	1		Bucket
1	FXB00001769H	Hydraulic Cylinder Barrel	1		
1A	.....	Hydraulic Cylinder Barrel	1		FXB00001770 NSEP
1B	4352400	Bushing	2		
2	AHC17860	Rod	1		SUB FOR 1102302
2A	.....	Hydraulic Cylinder Rod	1		FXB00001771 NSEP
2B	4352398	Bushing	2		
3	H178708	Hydr. Cylinder Rod Guide	1		SUB FOR 0789205
4	AT264314	Wear Ring	1		SUB FOR 0309304
5	AT132690	Snap Ring	1		SUB FOR 0208604
6	H227913	Seal	1		SUB FOR 0789213
7	H227914	Seal	1		SUB FOR 0789214
8	AT264358	Back-Up Ring	1		SUB FOR 0208606
9	4729047	Scraper Ring	1		SUB FOR 4S00664
10	AT264320	O-Ring	1		SUB FOR A811110
11	TH109353	Back-Up Ring	1		SUB FOR 0310904
12	19M8931	Screw	10		M16 X 75, SUB FOR 0409705
13	H227627	Piston	1		SUB FOR 1102303
14	TH105767	Ring	1		Includes Two Pieces, SUB FOR 0225614
15	H163431	Back-Up Ring	2		SUB FOR 0496605
16	H227907	Ring	2		SUB FOR 1102304
17	TH109357	Ring	2		SUB FOR 0310908
18	22M6684	Set Screw	1		M12 X 12, SUB FOR 0309011
19	T13624	Ball	1		SUB FOR 0111707
21	TH104472	Seal	2		SUB FOR 4084578
23	TH102446	Seal	2		SUB FOR 0855003
24	8086114	Oil Line	1		SUB FOR 0309312
25	AH234610	Oil Line	1		SUB FOR 1102305
26	4506430	O-Ring	2		
27	19M8337	Screw	8		M10 X 30, SUB FOR M341030
28	AH156744	Clamp	1		SUB FOR 0686408
29	H238068	Band	1		SUB FOR 0686409
30	19M7550	Cap Screw	2		M10 X 35, SUB FOR J901035
31	12M7066	Lock Washer	2		10 mm, SUB FOR A590910
32	H238070	Clamp	1		SUB FOR 0309021
33	19M7362	Cap Screw	1		M12 X 55, SUB FOR 0667013
34	12M7058	Lock Washer	1		12 mm, SUB FOR 0208516
35	TH100074	Lubrication Fitting	2		SUB FOR J75481
36	19M8017	Cap Screw	2		M12 X 20, SUB FOR 0409110
40	0686410	Band Kit	1		
90	FYA00001392	Seal Kit	1		



Hydraulic Thumb Kit Cylinder Components (Kits Built 28 June 2010 - )

TX1077723 B.1

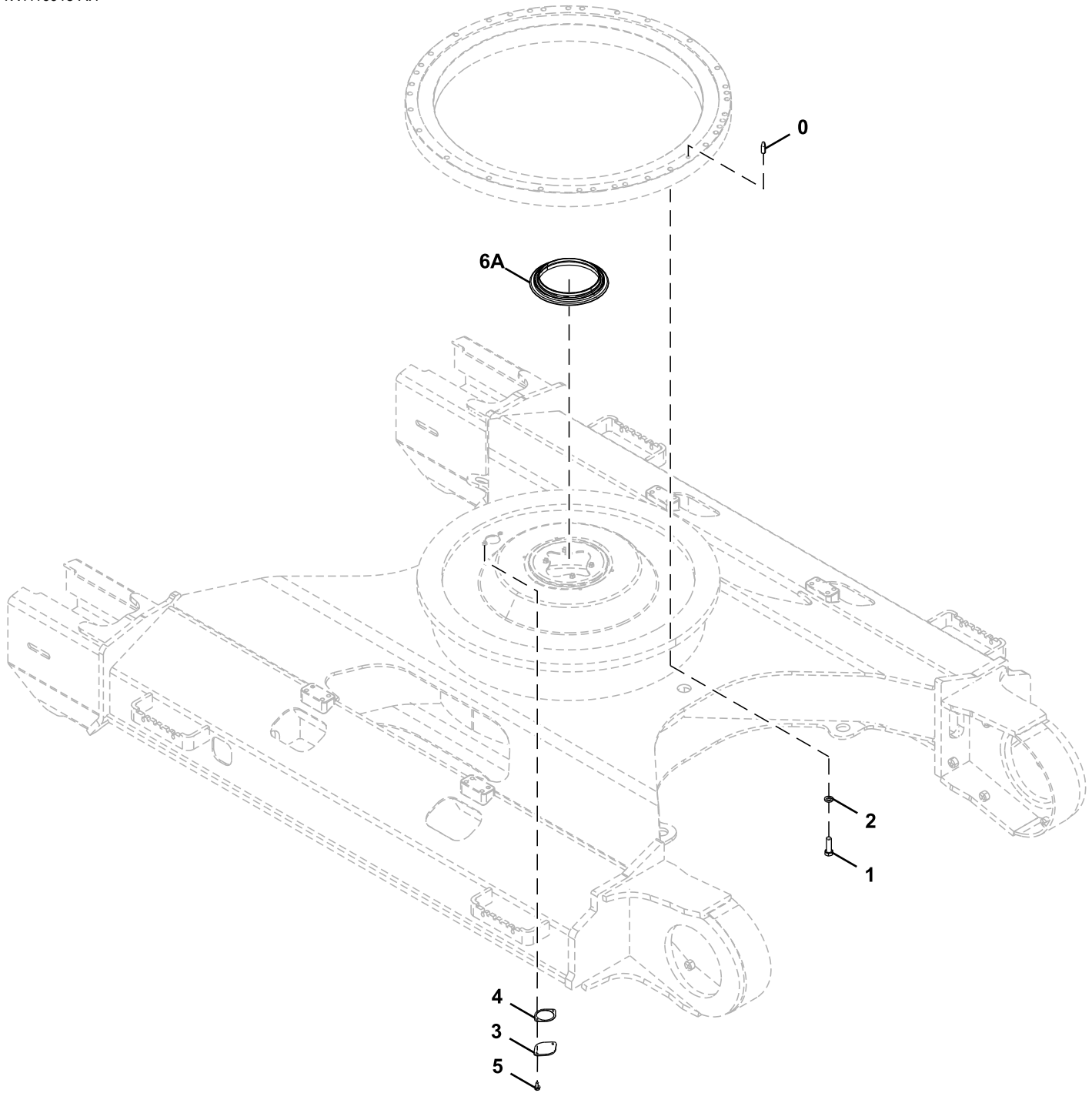


TX1077723

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	AT383236	Hydraulic Cylinder	1		
1	AT339959	Bearing	2		
2	T276092	Cap Screw	8		
4	.....	Seal	1		NLA
5	.....	Seal	1		NLA
6	.....	Wear Ring	2		NLA
7	.....	Seal	1		NLA
8	.....	O-Ring	1		NLA
9	.....	Back-Up Ring	1		NLA
10	T276083	Hydr. Cylinder Rod Guide	1		
11	T276098	Set Screw	1		
12	T229485	Snap Ring	2		
13	.....	O-Ring	1		NLA
14	.....	Seal	1		NLA
15	.....	Wear Ring	2		NLA
16	JD7759	Lubrication Fitting	2		
17	T276082	Piston	1		
18	T276080	Hydraulic Cylinder Rod	1		
19	.....	Hydraulic Cylinder Barrel	1		T276079 NLA
20	AT383237	Seal Kit	1		

Swing Bearing Mounting

TX1116918 A.1



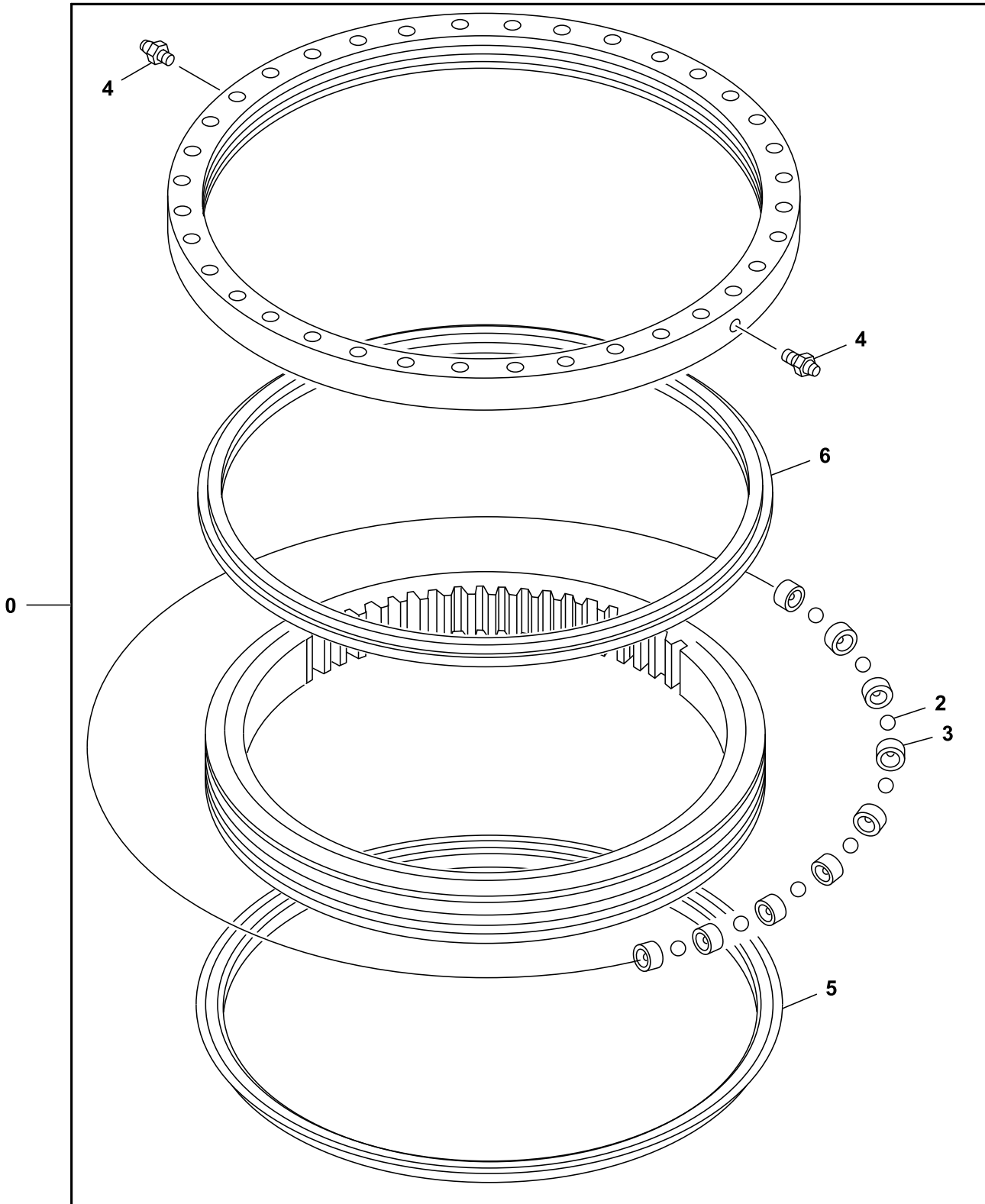
TX1116918

**43 Swing, Rotation Or Pivoting System**  
**4343 Swing Bearing and Mounting**

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	4630119	Pin	1		
1	4348589	Cap Screw	36		
2	J257220	Spring Washer	36		
3	4128863	Plate	1		
4	4272297	Gasket	1		
5	.....	Screw With Washer	2		J271025 NLA
	19M7402	Cap Screw	2		M10 X 25
	24M7346	Washer	2		11 X 20 X 2 mm
6A	4483676	Seal	1		

Swing Bearing

TX1167422 A.1



TX1167422

43 Swing, Rotation Or Pivoting System  
4343 Swing Bearing and Mounting

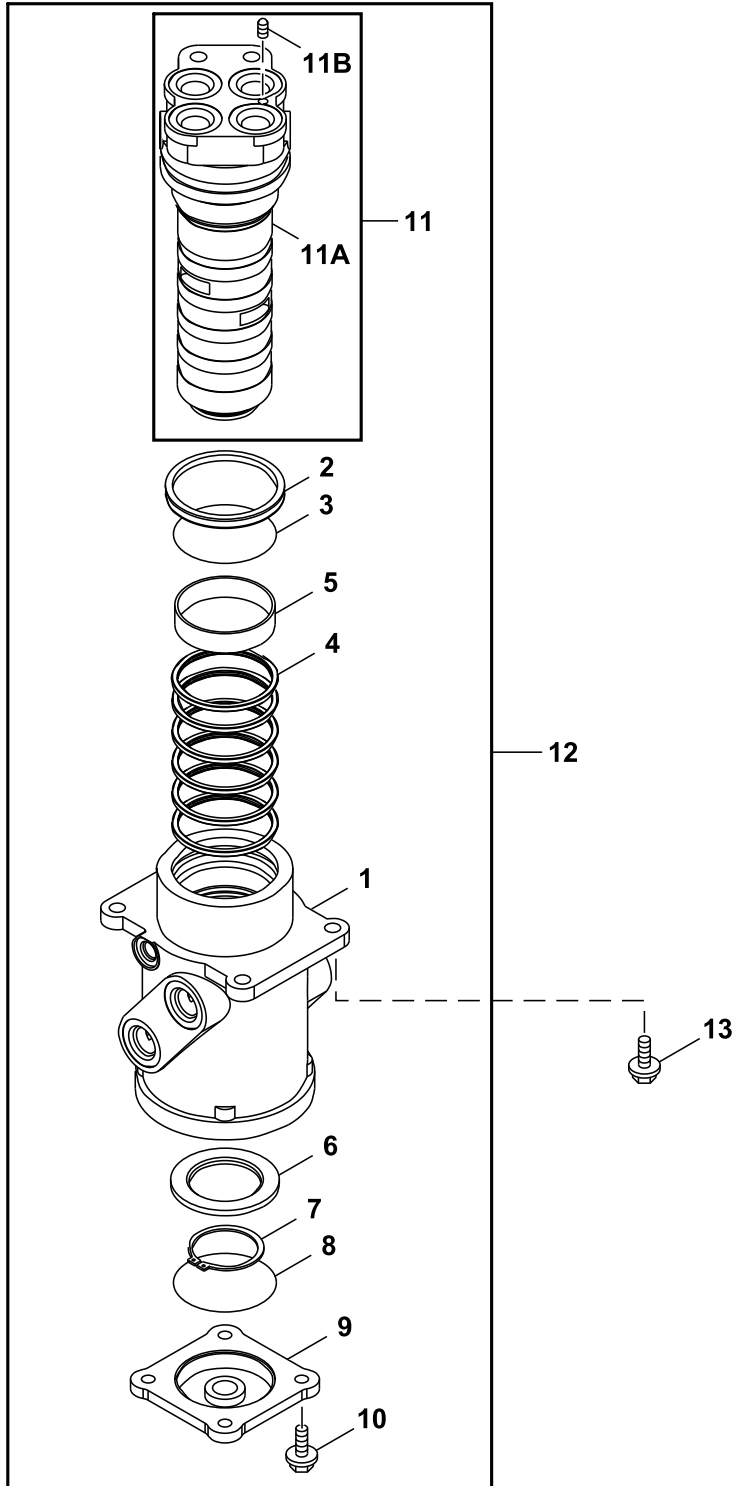
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Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	FYB60000825	Swing Bearing	1		
2	FYB00001843	Ball	111		SUB FOR 4640421
3	4640418	Support	111		
4	J75481	Fitting	2		
5	FYB00001597	Sealing Trim	1		
6	T203958	Seal	1		SUB FOR 4634010, T191211

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Rotary Manifold Components

TX1117893 B.1



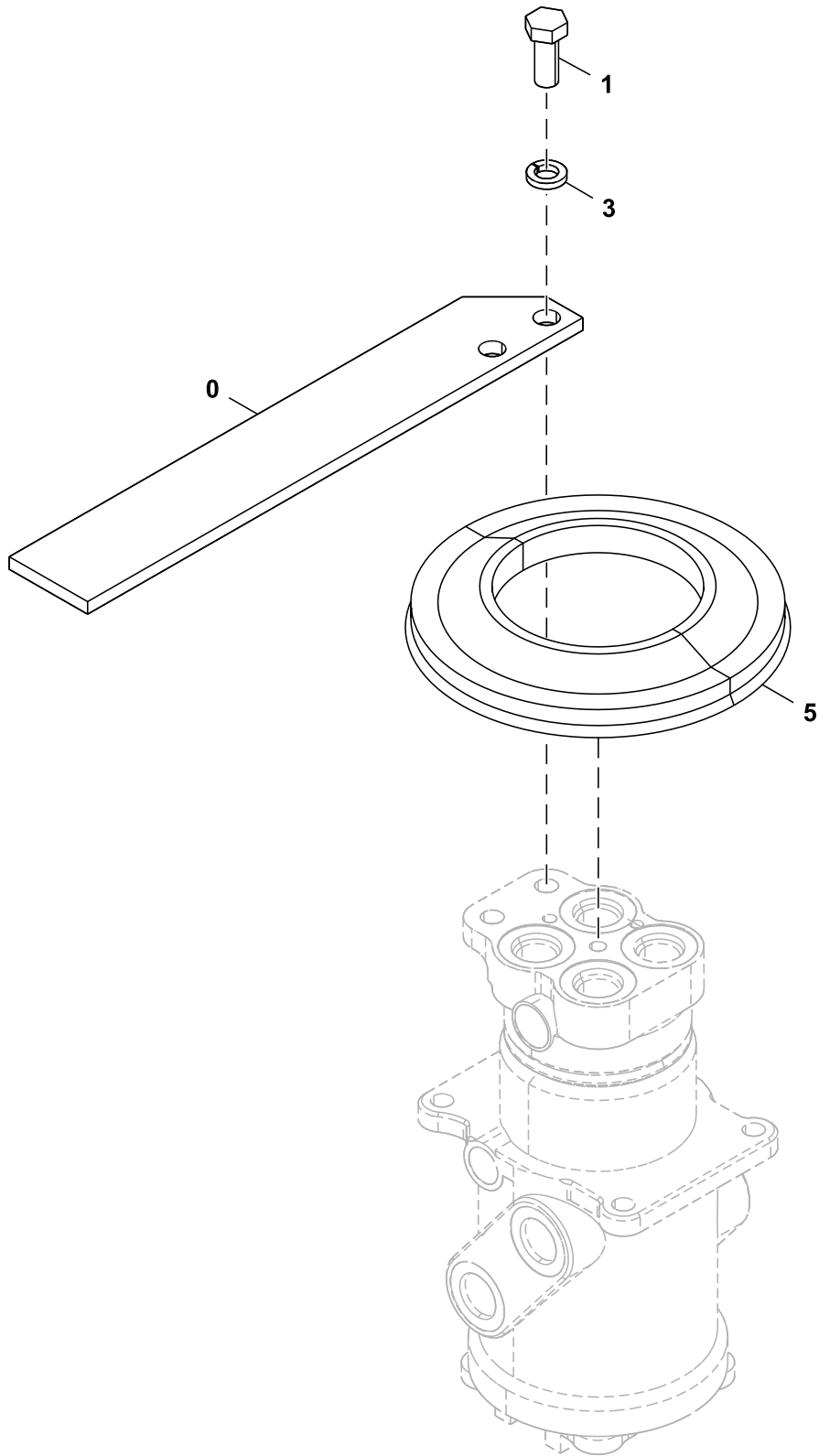
TX1117893

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
1	.....	Housing	1		0003542 NLA
2	4390776	Seal	1		
3	AT264418	O-Ring	1		SUB FOR 4367664
4	AT154162	Seal	6		SUB FOR 4231543
5	4241780	Bushing	1		
6	3070250	Ring	1		
7	40M7048	Snap Ring	1		SUB FOR 991347
8	CH16109	Packing	1		SUB FOR A810100
9	2034607	Cover	1		
10	.....	Screw With Washer	4		J271030 NLA
	19M7662	Cap Screw	4		M10 X 30
	24M7346	Washer	4		11 X 20 X 2 mm
11	9145787	Spindle	1		
11A	.....	Spindle	1		0001193 NLA
11B	4239611	Plug	1		
12	9107265	Manifold	1		For Non North American Applications, SUB FOR 9101521
	9107265EX	Manifold Reman	1		For Non North American Applications, REMAN FOR 9107265
13	.....	Screw With Washer	4		J011235 NLA
	19M7403	Cap Screw	4		M12 X 35
	12H301	Lock Washer	4		1/2"



Rotary Manifold Seal and Swing Stop

TX1117092 D.1



TX1117092

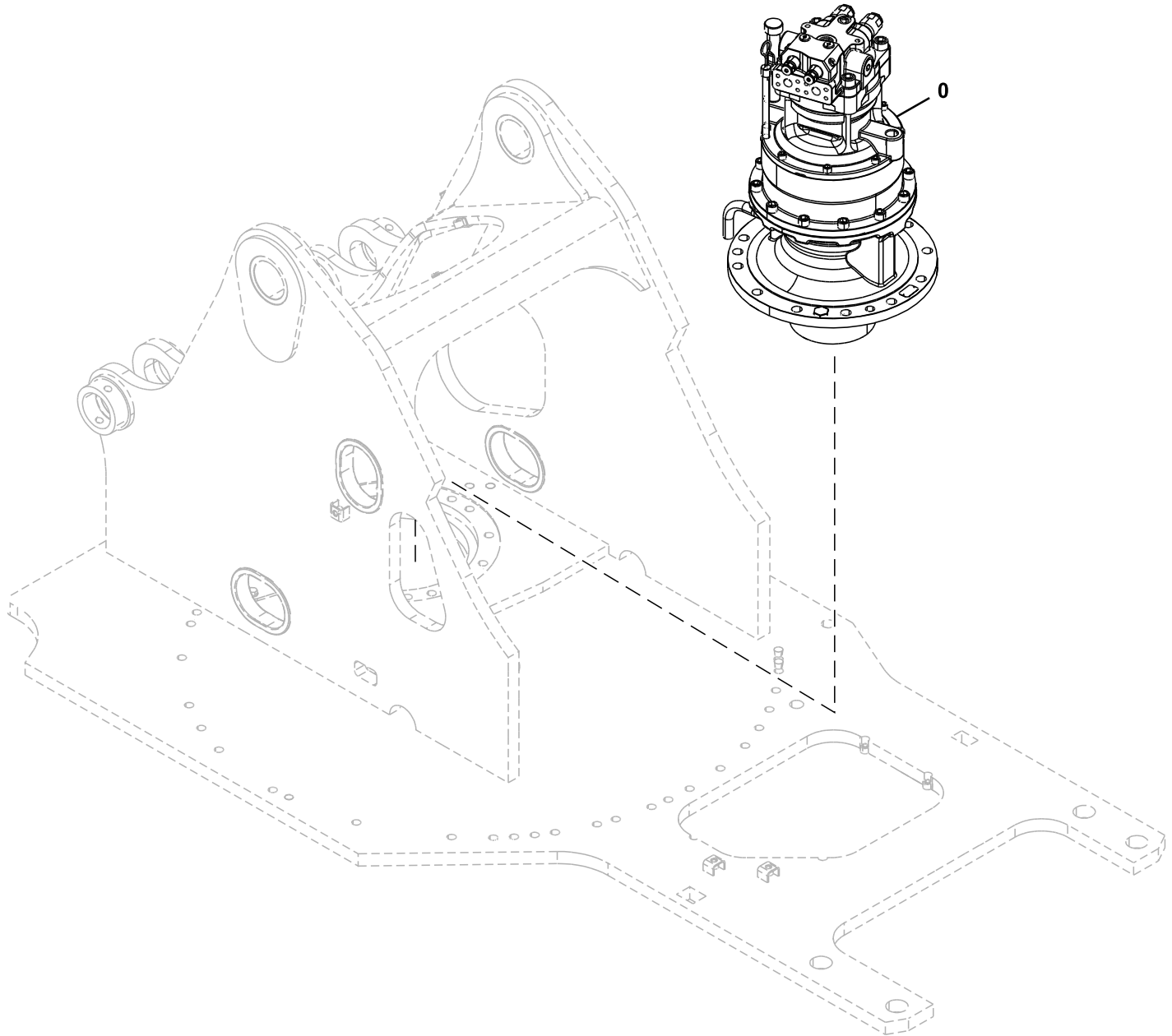
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Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	4613452	Stop	1		
1	19M6332	Cap Screw	2		M14 X 35, SUB FOR J901435
3	12H317	Lock Washer	2		9/16", SUB FOR A590914
5	4428007	Cover	1		

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Swing Motor and Gear Case

TX1115831 A.1



TX1115831

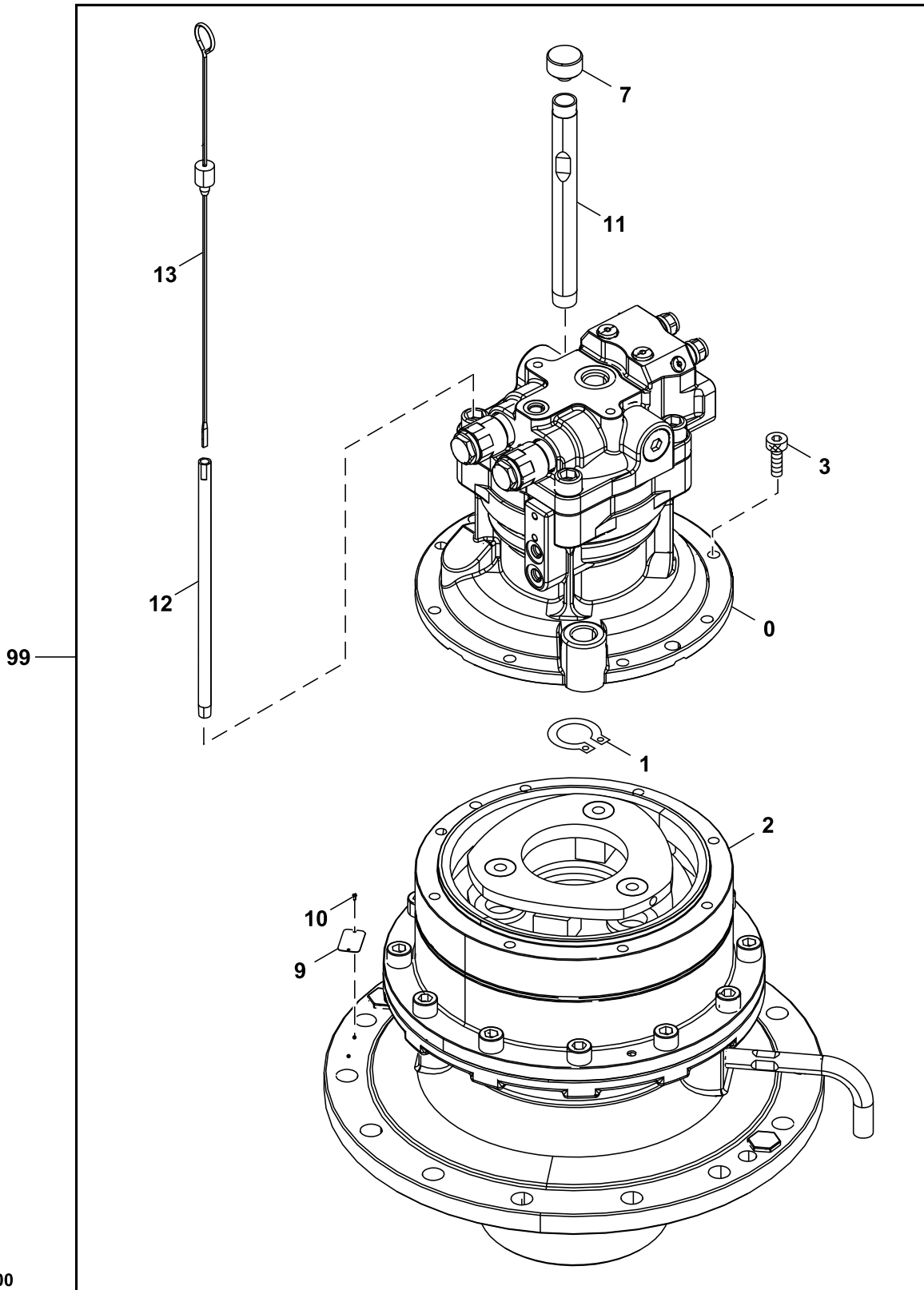
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<i>Key</i>	<i>Part No.</i>	<i>Part Name</i>	<i>Qty.</i>	<i>Serial No.</i>	<i>Remarks</i>
0	FYB60000296	Hydraulic Motor	1		Components On Separate Pages

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Swing Motor and Gear Case

TX1117100 D.2

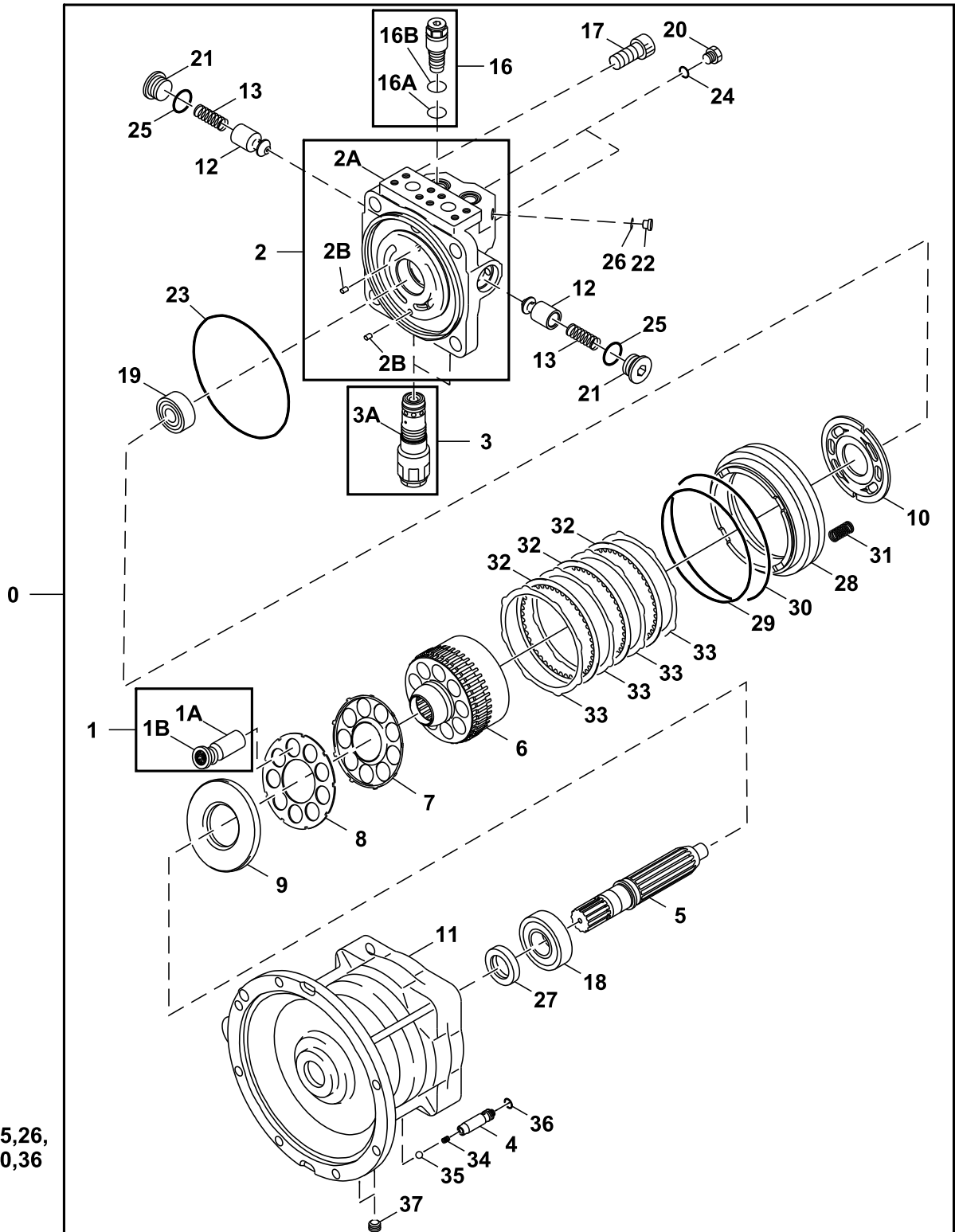


TX1117100

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	4729032 PG203775	Motor Hydraulic Motor Reman	1 1		Components Listed On Seperate Page REMAN FOR 4729032, Components Listed On Seperate Page
1	40M7046	Snap Ring	1		SUB FOR 991342
2	FYB60000297	Gear Case	1		Components Listed On Seperate Page
3	19M8168	Screw	8		M12 X 25, SUB FOR 4614096
7	4343365	Cap	1		
9	.....	Plate	1		NSEP
10	37H99	Screw	1		0.100" X 1/4", SUB FOR M492564
11	4715003	Pipe	1		
12	4264452	Tube	1		
13	3074223	Dipstick	1		
99	FYB60000296	Device	1		

Swing Motor Components

TX1117124 D.1



38 — 23,24,25,26,  
27,29,30,36

TX1117124

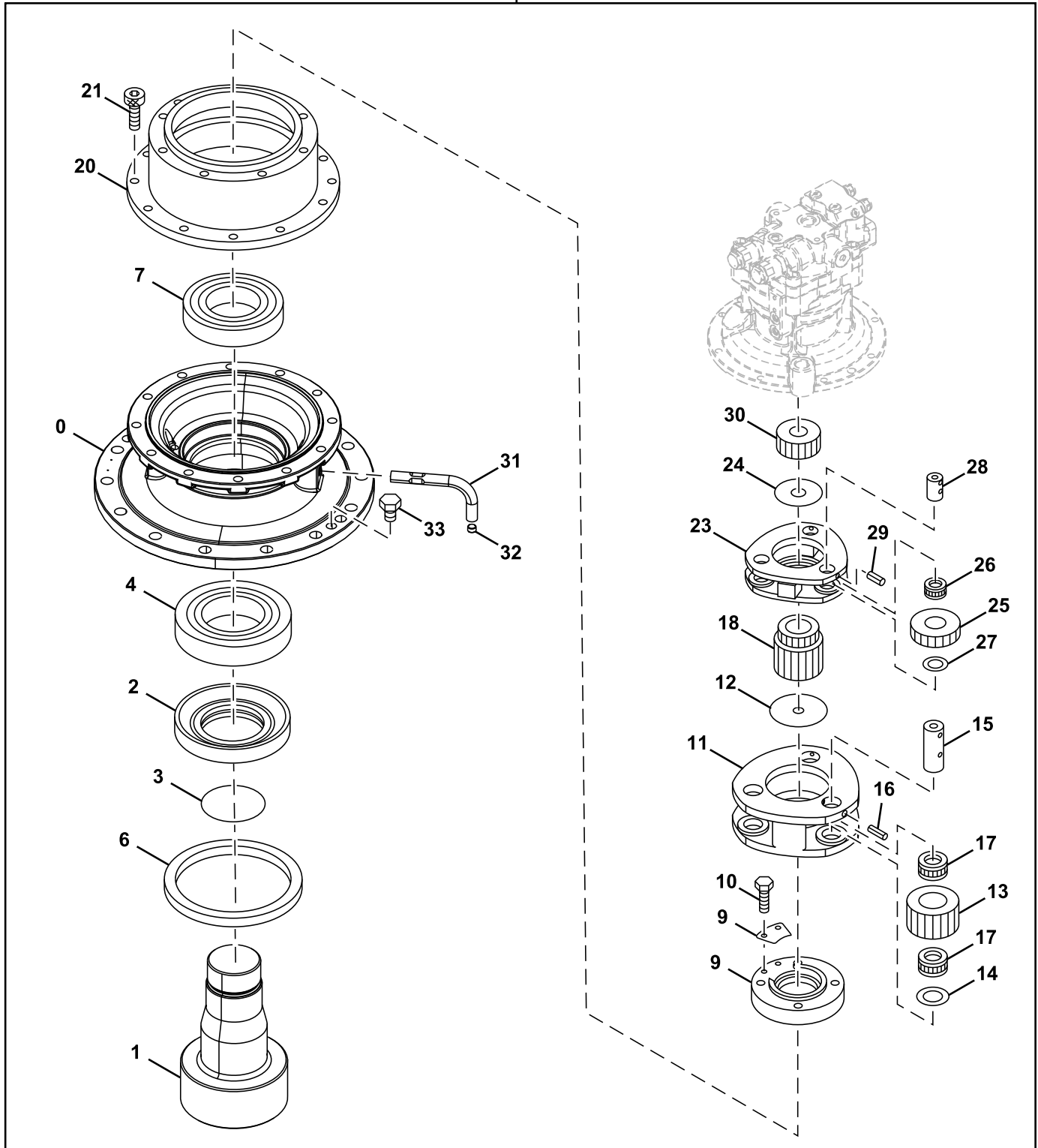
Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	4729032	Motor	1		
	PG203775	Hydraulic Motor Reman	1		REMAN FOR 4729032
1	0788801	Piston	9		
1A	.....	Piston	1		NLA
1B	.....	Shoe	1		NLA
2	FXB00001131	Housing	1		
2A	.....	Case	1		NLA
2B	.....	Spring	2		NLA
3	4654845	Pressure Relief Valve	2		
3A	A811030	O-Ring	1		
4	0788803	Plunger	1		
5	0788804	Shaft	1		
6	0788805	Manifold	1		
7	0788806	Plate	1		
8	0788807	Retainer	1		
9	0788808	Plate	1		
10	0788809	Plate	1		
11	.....	Case	1		0788810 NLA
12	0409215	Plunger	2		
13	0409216	Spring	2		
14	.....	Plate	1		NLA
15	0625509	Cap Screw	2		
16	4655266	Valve	2		
16A	CH12329	Packing	1		SUB FOR 4506420
16B	4027959	Back-Up Ring	1		
17	M342045	Bolt	4		0365318
18	0788811	Cylindrical Roller Bearing	1		
19	0677203	Cylindrical Roller Bearing	1		
20	0998702	Plug	2		
21	0692708	Fitting Plug	2		
22	4656242	Plug	2		
23	FXB00001138	O-Ring	1		
24	Z957366	O-Ring	2		
25	AT264347	O-Ring	2		SUB FOR 4506428
26	4506408	O-Ring	2		
27	0788813	Seal	1		SUB FOR 4S00821
28	0788814	Piston	1		
29	FXB00001139	O-Ring	1		
30	FXB00001140	O-Ring	1		
31	0788815	Spring	24		
32	0788816	Thrust Washer	3		
33	0788817	Drive Disk	4		
34	0788818	Spring	1		
35	0221509	Ball	1		
36	FXB00001141	O-Ring	1		
37	0934502	Plug	2		SUB FOR 0263019
38	FXB00001143	Seal Kit	1		



Swing Motor Gear Case Components

TX1117123 C.1

99

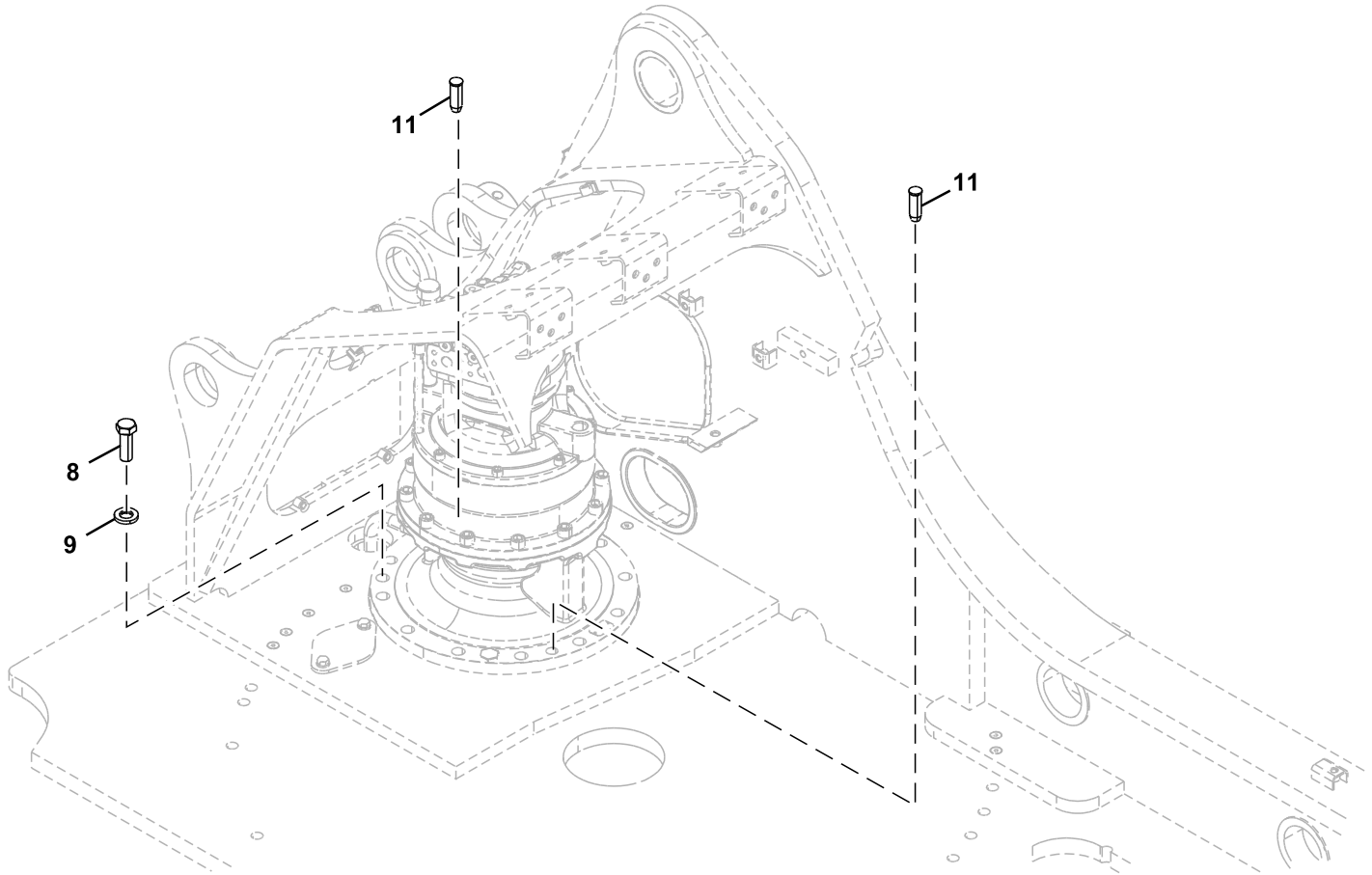


TX1117123

Key	Part No.	Part Name	Qty.	Serial No.	Remarks
0	1033370	Housing	1		
1	2053199	Shaft	1		
2	3083742	Sleeve	1		
3	AT264339	O-Ring	1		SUB FOR A811120
4	4402481	Cylindrical Roller Bearing	1		
6	4411535	Seal	1		
7	4667150	Bearing	1		
8	3099830	Nut	1		
9	4474191	Plate	1		
10	19M8324	Cap Screw	2		M10 X 16, SUB FOR J901016
11	1031849	Planet Pinion Carrier	1		
12	4642361	Plate	1		SUB FOR 4187590
13	3099815	Gear	3		
14	4336929	Wear Plate	3		
15	4488904	Pin	3		
16	34M6402	Spring Pin	3		8 X 28 mm, SUB FOR 4027427
17	4713899	Bearing	6		
18	3099795	Sun Gear	1		
20	1036885	Ring Gear	1		
21	19M8445	Screw	12		M16 X 45, SUB FOR M341645
23	1031817	Planet Pinion Carrier	1		
24	4403371	Plate	1		
25	3102045	Gear	3		
26	4404506	Needle Bearing	3		
27	4403082	Plate	3		
28	4336923	Pin	3		
29	4051262	Spring Pin	3		
30	3084056	Sun Gear	1		
31	3089362	Line	1		
32	94-2012	Fitting Plug	1		
33	4445352	Pipe Plug	2		
99	FYB60000297	Transmission	1		

Swing Motor Mounting

TX1117331 A.1



TX1117331

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<i>Key</i>	<i>Part No.</i>	<i>Part Name</i>	<i>Qty.</i>	<i>Serial No.</i>	<i>Remarks</i>
8	19M8224	Cap Screw	14		M20 X 60, SUB FOR J922060
9	J222020	Washer	14		
11	4623111	Pin	2		

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0005251	0	43	0280508120	7	81	0280510500	18	147
0005251R	0	43	0280508120	23	85	0280510500	18	241
0005252	1	43	0280508120	24	93	0280558110	3	147
0005252R	1	43	0280508120	8	97	0280558110	3	241
0007152	1	501	0280508160	2	103	0280558120	6	191
0035743000	7	115	0280508160	7	117	0280558120	6	93
0035743000	7	213	0280508160	23	119	0280608120	3	133
0100043	1	639	0280508160	9	121	0280608120	3	229
0104404	21	735	0280508160	2	133	0280608160	13	131
0109608350	23	151	0280508160	14	135	0280608160	2	183
0109608350	40	245	0280508160	1	159	0280608160	13	227
0111707	21	731	0280508160	13	171	0280608160	2	85
0111707	21	733	0280508160	7	179	0280608250	8	131
0111707	19	737	0280508160	23	183	0280608250	8	227
0125108	87	519	0280508160	24	191	0280608300	9	131
0168060850	10	137	0280508160	8	195	0280608300	9	227
0168060850	9	171	0280508160	2	201	0280608350	21	151
0168060850	9	73	0280508160	7	215	0280608350	38	245
0169564600	6	183	0280508160	23	217	0280608350	46	245
0169564600	6	85	0280508160	9	219	0280608350	38	249
0208010160	7	129	0280508160	2	229	0280608400	41	245
0208304	5	731	0280508160	14	231	0280608400	41	249
0208304	5	733	0280508160	1	255	0280608450	22	151
0208510160	7	129	0280508160	13	73	0280608450	24	151
0208516	38	735	0280508160	7	81	0280608450	42	153
0208516	34	737	0280508160	23	85	0280608450	39	245
0208604	5	737	0280508160	24	93	0280608450	42	245
0208606	8	737	0280508160	8	97	0280608450	42	247
0218607	97	515	0280508200	10	129	0280608450	39	249
0221509	35	753	0280508200	1	159	0280608450	42	249
0224422	26	515	0280508200	12	177	0280608500	43	153
0224422	97	519	0280508200	25	191	0280608500	43	247
0225209	67	515	0280508200	10	225	0280608700	4	197
0225614	14	737	0280508200	1	255	0280608700	4	99
0236905	5	735	0280508200	12	79	0280610200	14	137
0239514250	3	183	0280508200	25	93	0280610200	25	233
0239514250	3	85	0280508250	8	117	0280610350	25	151
0254312	37	731	0280508250	10	121	0280610350	44	153
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0261310	11	733	0280508300	32	135	0280806120	25	85
0263019	37	753	0280508300	4	191	0280806120	30	93
0280506120	4	127	0280508300	32	231	0280808200	10	129
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0280506120	25	183	0280508350	33	135	0280808200	12	177
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0280506160	13	189	0280508400	11	225	0280808250	21	121
0280506160	13	91	0280508400	25	83	0280808250	2	135
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0280508120	2	133	0280508600	4	147	0280808350	24	173
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0280508120	1	159	0280508600	11	219	0280808350	4	231
0280508120	13	171	0280508600	3	231	0280808350	24	75
0280508120	7	179	0280508600	4	241	0280808400	11	129
0280508120	23	183	0280508600	5	93	0280808400	25	181
0280508120	24	191	0280508700	10	191	0280808400	11	225
0280508120	8	195	0280508700	10	93	0280808400	25	83
0280508120	2	201	0280508900	34	135	0280808500	6	105
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0280508120	14	231	0280510200	17	241	0280808600	3	135

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0280908250	8	131	0286508350	7	71	0440112300	5	91
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0280908700	4	197	0286510250	1	147	0456005	38	733
0280908700	4	99	0286510250	1	241	0482806	11	735
0280910200	14	137	0286608250	28	135	0483906	10E	571
0281210300	9	135	0286608250	28	231	0483906	1D	571
0281210300	9	231	0286808350	7	169	0483906	10E	573
0281510000	4	129	0286808350	1	187	0483906	1D	573
0281510000	12	131	0286808350	7	71	0483907	10F	571
0281510000	4	225	0286808350	1	89	0483907	1E	571
0281510000	12	227	0286908250	28	135	0483907	10F	573
0281510160	1	159	0286908250	28	231	0483907	1E	573
0281510160	12	195	0287510400	2	189	0491408600	19	173
0281510160	1	255	0287510400	2	91	0491408600	19	75
0281510160	12	97	0287810400	2	189	0496605	15	737
0281510200	5	109	0287810400	2	91	0497408600	19	173
0281510200	3	171	0309011	20	731	0497408600	19	75
0281510200	9	193	0309011	20	733	0499110	2B	571
0281510200	10	195	0309011	18	737	0499110	3B	571
0281510200	5	207	0309021	32	737	0499111	2D	571
0281510200	3	73	0309204	4	735	0499111	3D	571
0281510200	9	95	0309210	16	735	0500806160	11	113
0281510200	10	97	0309212	19	735	0500806160	11	211
0281510250	3	129	0309221	33	735	0505406160	11	113
0281510250	3	225	0309304	4	737	0505406160	11	211
0281510300	9	135	0309312	24	737	0583308300	37	135
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0281510500	35	135	0330501	2C	571	0624504	10B	571
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0281510500	8	73	0350504080	10	169	0625509	15	753
0281510700	36	135	0350504080	10	71	0667013	33	737
0281510700	5	197	0352715	20	735	0667205	14	731
0281510700	36	231	0365318	17	753	0667205	14	733
0281510700	5	99	0370410	16	627	0667405	8	735
0281510800	10	137	0408411	7	617	0667411	23	735
0281510800	9	171	0409110	36	737	0667719	94	515
0281510800	26	233	0409215	12	753	0667726	83	515
0281510800	9	73	0409216	13	753	0667927	45	513
0281510900	5	129	0409705	12	731	0667927	78	515
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0281512350	9	91	0409915	24	735	0668111	30	513
0281512500	10	171	0409916	25	735	0668111	30	515
0281512500	10	73	0410106120	7	127	0668111	30	517
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0281810000	4	225	0410108200	8	229	0686409	33	731
0281810000	12	227	0410108250	9	191	0686409	33	733
0281810160	1	159	0410108250	9	93	0686409	29	737
0281810160	12	195	0413712	85	515	0686410	40	737
0281810160	1	255	0413712	96	519	0692708	21	753
0281810160	12	97	0438704	21	571	0695007	40	513
0281810300	9	135	0438704	21	573	0695007	72	515
0281810300	9	231	0438807	10E	571	0695007	90	517
0281812350	9	189	0438807	10E	573	0695007	91	519
0281812350	9	91	0438807	1D	573	0714503	69	515
0281812500	10	171	0438808	10F	571	0714504	66	515
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0788705	15	607	0911801060	3	149	0967503	1H	571
0788706	16	607	0911801060	12	219	0967503	1G	573
0788707	17	607	0911801060	1	223	0976014	7	735
0788710	33	607	0911801060	3	243	0976504	6	625
0788711	34	607	0911801080	20	129	0976504	8	627
0788712	35	607	0911801080	7	133	0976601	28	511
0788801	1	753	0911801080	11	169	0976602	26	511
0788803	4	753	0911801080	26	191	0976602	47	513
0788804	5	753	0911801080	8	191	0976602	96	517
0788805	6	753	0911801080	6	197	0977003	47	515
0788806	7	753	0911801080	20	225	0977007	44	513
0788807	8	753	0911801080	7	229	0977007	77	515
0788808	9	753	0911801080	11	71	0977007	94	517
0788809	10	753	0911801080	26	93	0977007	95	519
0788810	11	753	0911801080	8	93	0977202	46	515
0788811	18	753	0911801080	6	99	0977204	71	515
0788813	27	753	0911801100	6	123	0977206	57	515
0788814	28	753	0911801100	10	135	0981201	42A	493
0788815	31	753	0911801100	6	221	0981201	42A	495
0788816	32	753	0911801100	10	231	0981201	42A	497
0788817	33	753	0911801120	3	109	0997703	6	735
0788818	34	753	0911801120	3	207	0998702	20	753
0788905	3	731	0911802080	15	173	0998903	15	731
0788905	3	733	0911802080	15	75	0998903	15	733
0788911	6	731	0911802100	17	153	0998904	18	731
0788911	6	733	0911802100	17	247	0998904	18	733
0788912	7	731	0911802120	7	123	1025093	10B	523
0788912	7	733	0911802120	3	137	1025875	12	53
0789105	3	735	0911802120	7	221	1027222	0	593
0789109	17	735	0911802120	7	233	1031045	6	503
0789205	3	737	0911802140	13	119	1031045	8	505
0789213	6	737	0911802140	8	123	1031123	0	55
0789214	7	737	0911802140	13	217	1031817	23	755
0791601	34	513	0911802140	8	221	1031849	11	755
0791601	34	515	0915105140	7	137	1033090	4	53
0791601	34	517	0915105140	18	233	1033091	5	53
0791602	32	515	0915108080	9	179	1033219	21	559
0791603	48	515	0915108080	9	81	1033219	21	577
0791603	48	519	0916105140	6	137	1033219	2	579
0791604	22	513	0916105140	17	233	1033298	0	555
0791604	22	515	0916107120	4	109	1033299	0	557
0791604	22	519	0916107120	4	207	1033370	0	755
0791605	79	515	0916146080	4	151	1033793	60	291
0791605	79	519	0916146080	7	245	1036320	0	41
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4297380	9	497	4326800	5	303	4346522	20	493
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4297380	78A	501	4326800	23	307	4346522	20	497
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4297380	26	523	4326801	3A	305	4347107	26	495
4297380	6	575	4326801	19A	425	4347107	26	497
4297380	7	575	4326802	5B	303	4347396	3	417
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4297380	26A	603	4326802	19B	425	4348589	1	741
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4297380	38A	603	4326803	3D	305	4350187	1	415
4297380	25A	605	4326803	19D	425	4350188	1	415
4297380	39A	605	4327284	1	647	4350206	1W	403
4297380	17	641	4327293	3	641	4350206	0	415
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4297380	4	671	4327293	2	695	4352398	2B	737
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4297380	14	673	4327293	7	695	4352399	2B	735
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4297380	3	679	4327294	0	659	4355515	38	309
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4297380	6	697	4329781	6	695	4360590	6	495
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4300351	14	561	4333461	1	411	4361800	13	359
4300351	6	563	4334431	14	581	4361800	13	383
4301675	58A	493	4334431	22	581	4362471	47	286
4301675	58A	495	4334431	1	587	4362700	13A	349
4301675	58A	497	4335060	22	611	4364346	4	609
4306888	6C	615	4336570	5	303	4364346	4	727
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4307026	3E	305	4336570	23	307	4364970	4	613
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4367481	4	349	4409396	25E	433	4436309	8	671
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4368619	12	493	4409396	10	437	4436534	9	311
4368619	12	495	4409396	0	441	4436534	9	565
4368629	3	613	4409396	0	443	4436535	6	641
4368630	5	613	4409396	0A	443	4436535	7	671
4369472	0A	381	4409396	0B	443	4436535	11	673
4369619	51	351	4409396	0C	443	4436535	13	699
4369645	3	345	4409396	0E	443	4436535	9	701
4369653	65	345	4409396	20	447	4436536	58	493
4369817	40	311	4409396	0E	451	4436536	58	495
4371318	12	137	4409396	13	453	4436536	58	497
4371318	89	233	4410898	4	611	4436687	5	675
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4371706	4	561	4411001	13	695	4436737	8F	311
4371798	8	295	4411001	12	701	4436903	10	333
4371799	8	293	4411325	30	497	4437076	16	679
4371825	16D	523	4411535	6	755	4437134	6	689
4372091	7	345	4411682	75	345	4437333	11	611
4372200	3	391	4411829	10	343	4437432	14	613
4372461	4	47	4411829	18	345	4437433	8B	613
4372462	6	47	4412666	1	675	4437513	1	303
4372463	7	47	4412826	4	39	4437525	14	61
4372619	1A	283	4412826R	4	39	4437643	11	681
4372620	1B	283	4412827	5	39	4437738	6	649
4375722	5	493	4412827R	5	39	4437833	16A	523
4375722	5	495	4414207	4	301	4437836	16E	523
4376846	12	673	4415024	14	375	4437837	16C	523
4377820	54	355	4415540	0B	451	4437838	16B	523
4379310	8	43	4416704	11	449	4437902	18	701
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4380817	11	295	4418301	3	475	4438593	14	53
4382709	8	675	4420332	4	295	4440695	0B	451
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4382883	3L	403	4420958	30	55	4442429	4	687
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4382883	5	403	4423699	3	362	4443487	36E	297
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4392798R	6	393	4425305	26A	613	4443881	3	585
4392801	15	393	4425305	27A	613	4443881	0E	587
4392801R	15	393	4425414	8	611	4443882	5	593
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4392805R	19	393	4426044	9	261	4444285	10	339
4392812	18	393	4426117	12	581	4444285	13	583
4392812R	18	393	4427347	55	501	4444286	12	339
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4409122	0F	587	4435126	4	583	4447072	8	359
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4409178	0G	587	4435129	7	339	4447338	15	173
4409389	3	57	4435239	2	585	4447338	15	75
4409395	0C	451	4435239	0D	587	4447430	0B	33
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4447805	1	419	4461339	0	447	4478378	9	283
4449250	4	265	4461339	10	453	4478378	40	285
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4449362	39	285	4461340	0C	441	4479774	60	631
4449478	2	525	4461340	0C	443	4480261	9	615
4449508	15	295	4461340	2	447	4481334	20	615
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4449860	8	631	4461341	25B	433	4482606	7	615
4449861	9	631	4461341	25G	433	4483676	6A	741
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4450012	21	589	4461341	0E	443	4484114	26	619
4450013	15	583	4461341	4	447	4484114	3A	621
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4450494	11	309	4461342	25H	433	4484114	7	643
4450505	4	689	4461342	5	437	4484116	7	617
4451258	11	401	4461342	1	441	4484116	11	619
4451498	24	493	4461342	1	443	4484116	3D	621
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4451784	24	603	4461343	1	453	4484118	8	617
4451784	24	605	4461344	2	453	4484118	12	619
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4451786	26	603	4461346	4	453	4484118	21C	643
4451786	26	605	4461347	5	453	4484118	3C	643
4451787	37	603	4461348	6	453	4484119	10	503
4451790	39	603	4461933	8	345	4484119	34	505
4451790	39	605	4462051	10	665	4484254	0	575
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4452165	11	285	4462306	9	681	4485649	12	295
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4453013	12	333	4464122	0	527	4486055	22	265
4453013	3	335	4464273	3	357	4486055	13	273
4453196	19	617	4464305	5	357	4486055	37	277
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4453910	0D	267	4464401	25	355	4486055	1	401
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4456735	8A	311	4472281	12	681	4486055	6D	433
4456778	8M	311	4472345	7	333	4486055	4	439
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4456778	4	565	4472845	21	295	4486055	9	465
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4458256	15	295	4473871	2	289	4486055	4	533
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4460536	11A	449	4474476	30	351	4486055	1	673
4460582	11B	449	4474482	31	351	4487045	39	351
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4461337	25F	433	4475230	10	413	4487250	9	503
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4461337	0D	441	4475235	0	415	4487340	50	503
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4461337	8	453	4475242	6	413	4489201	8	717
4461338	25B	433	4475243	7	413	4489678	5	643
4461338	25D	433	4475244	8	413	449558	20	523
4461338	1	437	4475245	4	413	4503469	13	263
4461338	0B	441	4476062	15	583	4504198	10	263
4461338	0B	443	4477000	12	629	4504199	11	263
4461338	1	447	4477001	10	629	4504367	12	401
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4506406	24	519	4509180	8	649	4616533	29	493
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4506408	11A	643	4509180	1	669	4618409	0	321
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4634911	9	125	4652573	16B	429	4661084	4	685
4634911	17	285	4652915	4	299	4661579	16	709
4634964	27	297	4652915	12	307	4661579	7	715
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4637175	1	561	4653849	38	495	4662243	15	355
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4647195	5	439	4657948	18	657	4662741	4	357
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4666091	6	715	4689585	3	555	4712836	13	523
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4666384	74	345	4693928	1	419	4714244	8	401
4666385	13	347	4694438	3	687	4714376	0	467
4666385	33	355	4695888	0	603	4714449	7	391
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4722642	0	637	5095800980	4	227	7058384	0	379
4722642	0	639	5096000130	5	177	7058387	9	313
4722645	11	271	5096000130	5	79	7058388	10	313
4722646	13	271	5096040120	7	189	7058871	0	425
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4723187	5	689	5096050050	3	199	7059132	0	653
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8099406	1	57	8943126991	39	231	8943960152	23	83
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8122346	3	401	8943905201	5	101	8943995532	16	77
8122347	0	371	8943905201	5	199	8943995540	3	173
8122440	1	279	8943905270	7	101	8943995540	3	75
8122498	4	311	8943905270	7	199	8943995550	4	173
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8982318981	2	149	8982377320	27	153	8982683450	3	153
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8982365750	24	135	8982384740	1	211	8982705440	51	245
8982365750	24	231	8982384741	1	113	8982705450	52	153
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8982373480	20	219	8982394641	5	125	8982853211	21	137
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8982373490	8	211	8982394650	1	125	8983020750	1	225
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8982373500	3	219	8982394654	1	125	8983020750R	1	129
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FYA00015424	44	271	FYA00021565	3F	403	FYA00030895	18	375
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FYA00016113	37	673	FYA00021826	2	687	FYA00031276	48	277
FYA00016183	15D	297	FYA00021966	6	533	FYA00031281	5A	433
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FYA00016368	27A	431	FYA00022513	26	285	FYA00031829	31A	317
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FYA00034119	25	277	FYA00040177	48	271	FYA00049549	3A	273
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FYA00034568	7	259	FYA00040733	30	293	FYA00052438	0D	479
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FYA00036014	5	651	FYA00042382	41	277	FYA00064453	40	277
FYA00036033	2	433	FYA00042383	42	277	FYA00064453	50	277
FYA00036035	6C	433	FYA00042384	43	277	FYA00065646	16	285
FYA00036143	31	291	FYA00042385	44	277	FYA00065729	0	415
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FYA00036426	0B	277	FYA00042552	35A	277	FYA00070858	1	283
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FYB60000024	0	559	H238068	40	731	H77698	21	717
FYB60000024	0	577	H238068	33	733	H77698	10	719
FYB60000024	0	579	H238068	29	737	H77698	10	727
FYB60000024	0	615	H238070	32	737	J011235	13	745
FYB60000029	0	553	H61354	2	657	J217083	6	297
FYB60000029	50	613	H61354	2	663	J217083	6	367
FYB60000032	50	611	H61354	17	699	J217083	27	425
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M341075	76	515	R99052	8	617	T28949	14	309
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M341090	56	493	R99052	3E	621	T30367	48	309
M341090	56	495	R99052	21C	643	T32854	8	575
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M341236	29	733	T108085	46E	491	T346643	45	633
M341236	31	735	T108221	5	375	T361673	46	295
M341245	71	501	T110444	4	523	T361674	46	295
M341645	21	755	T110444	5	525	T361676	46	295
M341850	40	55	T111645	26	643	T363442	1	545
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