

# Premiertrak 600

## ILLUSTRATED PARTS CATALOG

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Year of Construction

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Dealer Stamp

Notice



## PARTS BOOK INTRODUCTION

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**Powerscreen reserves the right to change specification without prior notice.**



## **PARTS BOOK INTRODUCTION**

### **1. GENERAL INFORMATION**

- **When purchasing Spareparts customers should in their own interest, always use genuine Powerscreen parts.**
- **Spare parts must comply with the technical requirements specified by the manufacturer.**
- **Only spare parts from the original equipment manufacturers can be relied to do so.**
- **Spares parts that have not been supplied by Powerscreen cannot be relied upon for correct material, dimensions or finish.**
- **Powerscreen cannot therefore be responsible for any damage arising from use of any such parts and the Guarantee will be invalid.**

### **2. SPARE PARTS ENQUIRY**

**When enquiring please quote:**

- **Machine Serial Number**
- **Part Catalog Figure Number and Item Number**
- **Part Number**  
**Part Description**
- **Quantity Required**

**NOTE:**

**Orders for spare parts must be sent to your local dealer.**

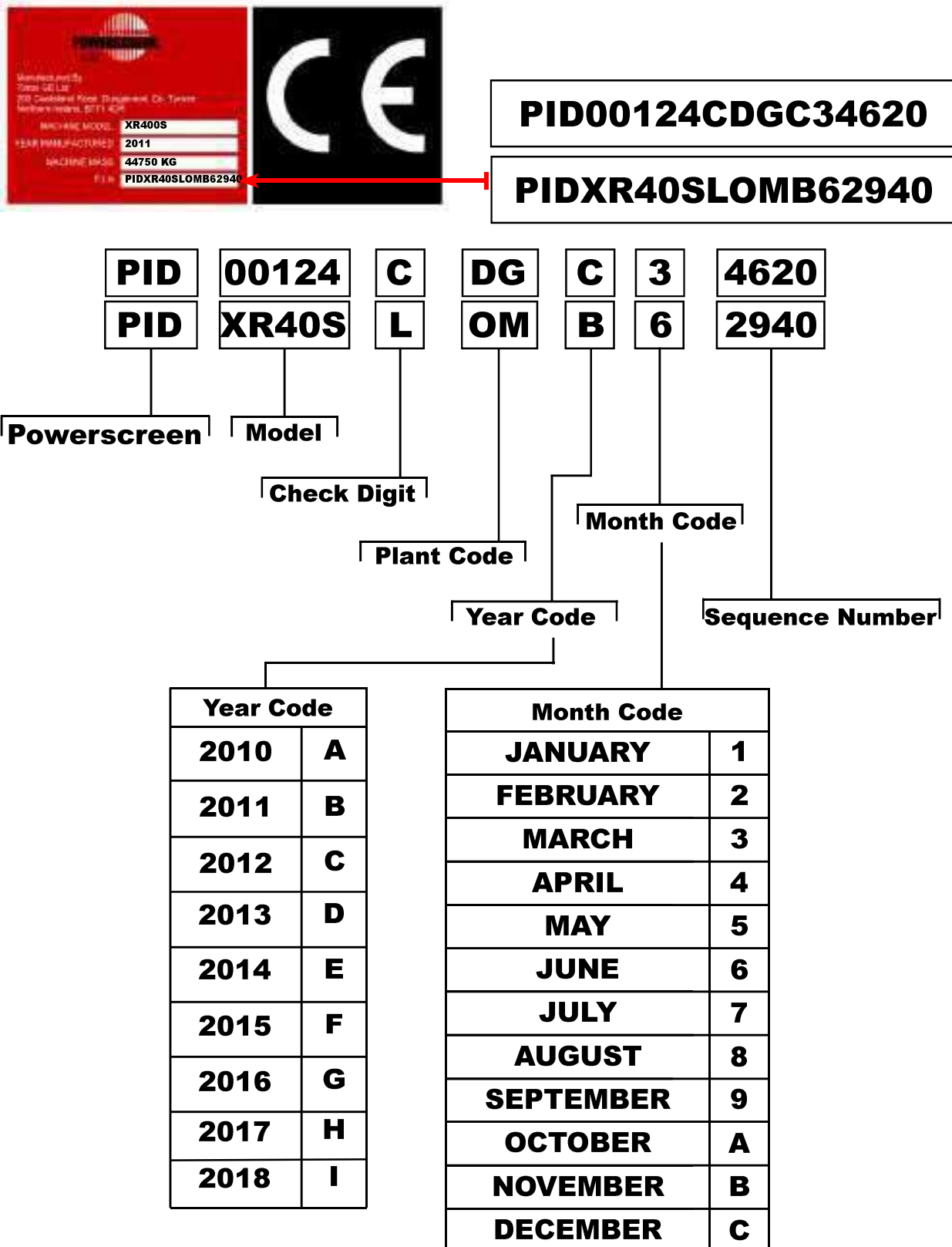
**To find out whom your local dealer is please log on to [www.powerscreen.com](http://www.powerscreen.com) and use the Dealer Search function.**





## PARTS BOOK INTRODUCTION

### 3. UNDERSTANDING YOUR MACHINE SERIAL NUMBER





## **PARTS BOOK INTRODUCTION**

### **4. PARTS SUPPORT - GOOD PRACTISE ADVICE**

**Be aware there are enquires where the parts should not be supplied without firstly obtaining the Machine Serial Number and checking the record card. The main components to consider are:**

#### **HYDRAULIC PUMPS**

**Pumps vary depending on the options fitted to your machine. This is why the pumps are generally not part-coded in the parts book.**

#### **TRACK PARTS**

**Powerscreen have 3-4 Track suppliers. Each track type is illustrated in the part book. It is important to select the parts from the correct supplier. See Section 5 Where to find your Track Identification Plate.**

#### **ENGINE PARTS**

**The engine fitted to your machine can vary due to the customer preference (i.e. Deutz, CAT). Alternatively it can differ due to machine options fitted (some options require a higher spec engine) or simply a change over time as suppliers update engines to meet emission regulations. It is therefore important to obtain the engine serial number to order parts. This information can be obtained from the engine plate, or from the machine record. See Section 6 Where to find your Engine Serial Plate.**

#### **ELECTRICS**

**Control Panels, PC Boards, Hetronic Remotes - these items are serial number dependant and will have their serial numbers located on the part. See Section 7 Finding the Software Version of your PDM and PLC.**

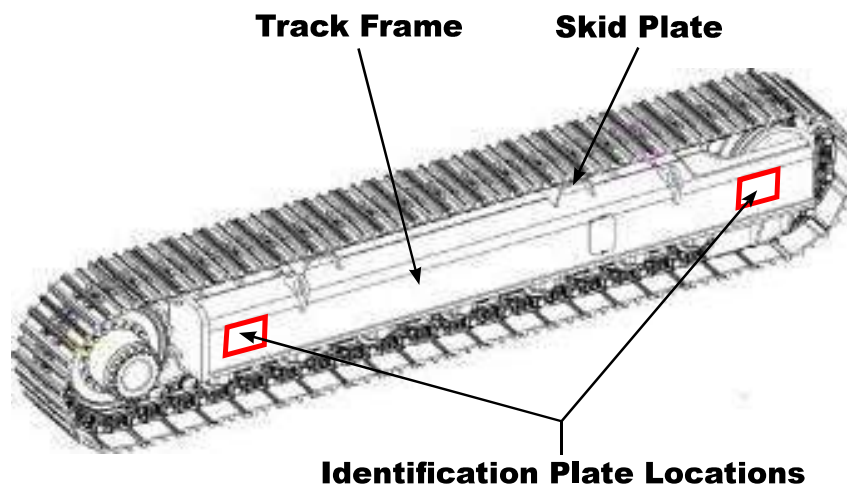


## PARTS BOOK INTRODUCTION

### 5. WHERE TO FIND YOUR TRACK IDENTIFICATION PLATE

It is necessary when ordering any track spare parts, that all numbers relating to the tracks are quoted along with your machine serial number..

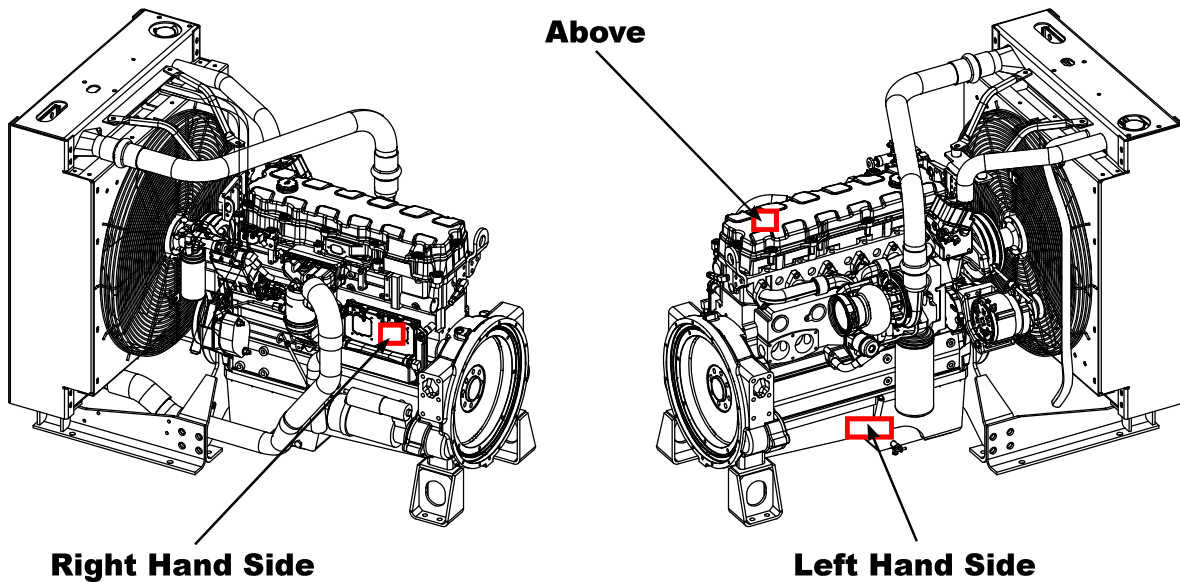
The identification plate is located on the outside face of each left and right hand track. On some occasions the Serial Number can be found stamped in the skid plate or track frame. Below is the current range of tracks fitted to our machines.



## 6. WHERE TO FIND YOUR ENGINE SERIAL PLATE

**It is necessary when ordering any engine spare parts, that all numbers relating to the engine are quoted along with your machine serial number..**

**Depending on the engine fitted, the serial plate can be found either on the left / right side of the engine and in some cases on top. The spares department need all of these numbers in order to determine the components that were included with the engine. This permits accurate identification of replacement part numbers.**



## Caterpillar

**Deutz**

## Scania

**Isuzu**

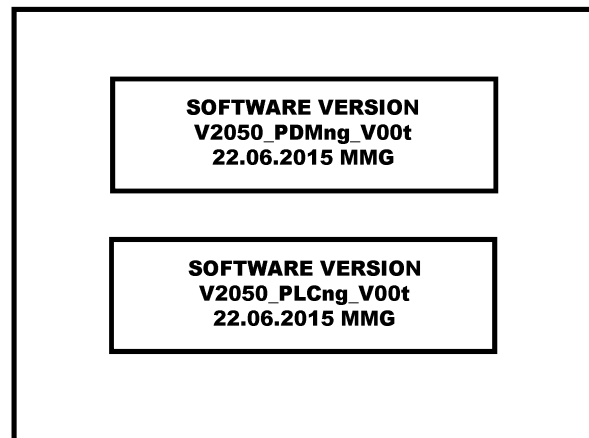
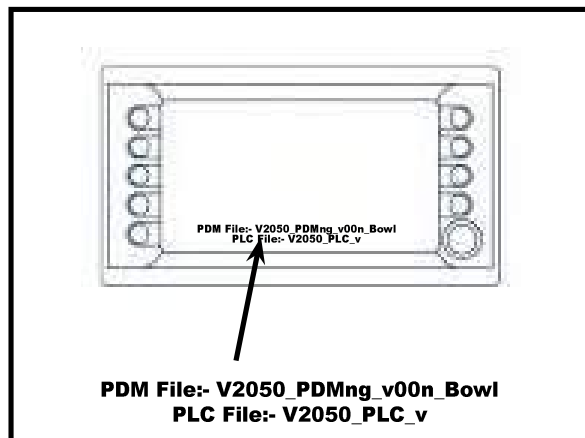


## PARTS BOOK INTRODUCTION

### 7. FINDING THE SOFTWARE VERSION OF YOUR PDM AND PLC

It is necessary when ordering a new PLC or PDM that you note all numbers relating to them, please quote these numbers along with your machine serial number.

When you turn on the screen take note of the details from the bottom of the start up page. The identification sticker which displays the software version is located on the outside of each the PLC and PDM.





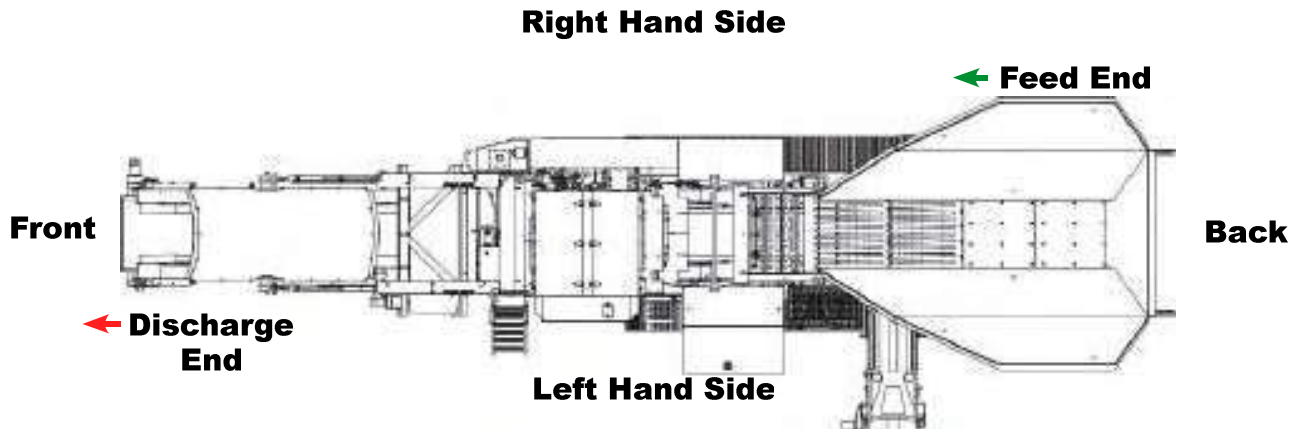
## PARTS BOOK INTRODUCTION

### 8. MACHINE NAVIGATION

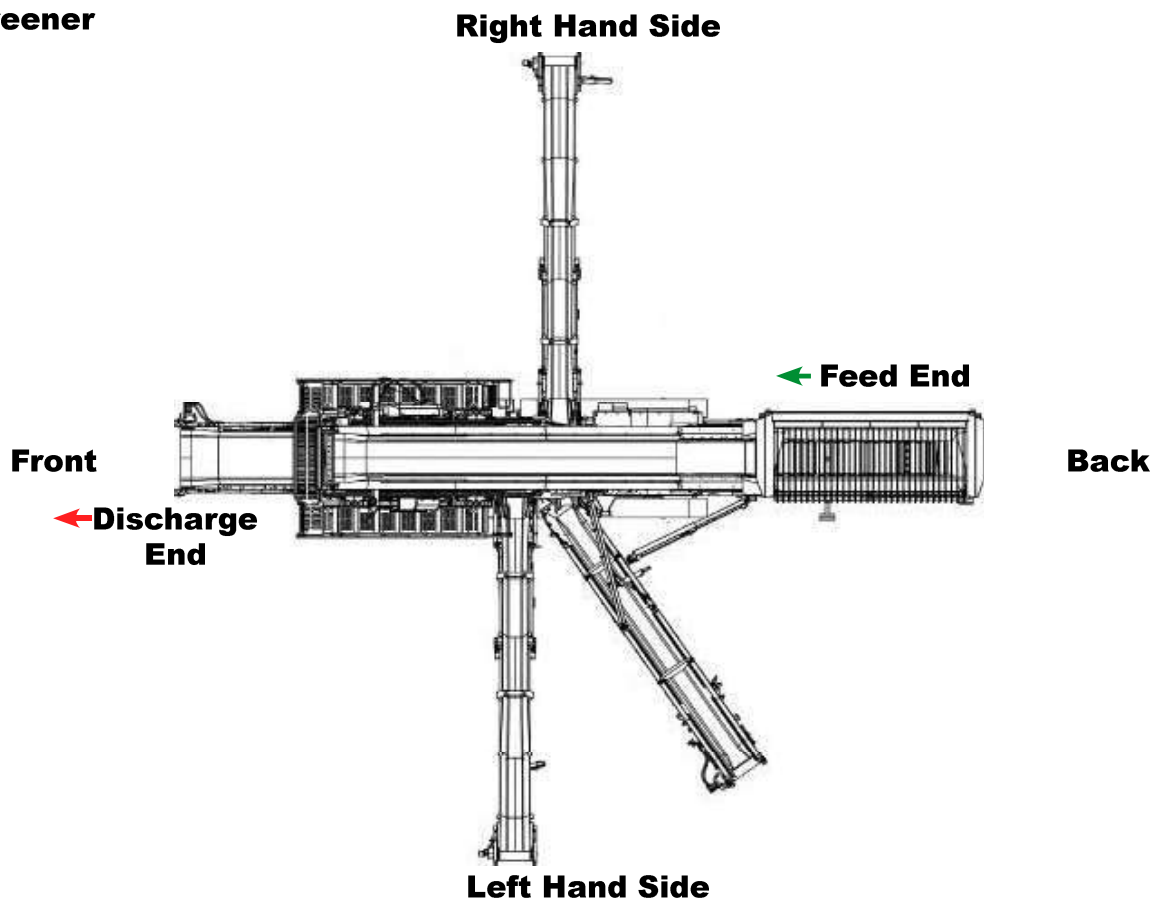
The following will help you determine your location in relation to your machine.

Please note that the Feed End is always the Back of your machine.

#### Crusher



#### Screener





## **PARTS BOOK INTRODUCTION**

### **9. PAINT CODES**

**Powerscreen Green - RAL 5021 (RGB 26/122/99)**

**Powerscreen Grey - RAL 7024 (RGB 85/87/92)**

**Powerscreen Black - RAL 9005 (RGB 0/0/0)**

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13-03-05	HOPPER CONTROL VALVE, HOSES AND FITTINGS 1 UPTO SERIAL NO. PIDPT600JOMG42112.....	478	13-04-22	SOLENOID VALVE, HOSES AND FITTINGS FROM SERIAL NO. PIDPT600EOMI15983 (OPTION) .....	528
13-03-06	HOPPER CONTROL VALVE, HOSES AND FITTINGS 2 UPTO SERIAL NO. PIDPT600JOMG42112.....	480	13-07	JAW HYDRAULICS .....	530
13-03-07	HOPPER CONTROL VALVE, HOSES AND FITTINGS FROM SERIAL NO. PIDPT600JOMG42113.....	482	13-07-01	WEDGE ADJUSTMENT CYLINDER ASSEMBLY .....	532
13-04	POWERUNIT HYDRAULICS.....	484	13-07-02	JAW GREASE PIPES .....	534
13-04-01	SCANIA DIESEL WATERTRAP BREAKDOWN, FITTINGS AND HOSES .....	486	13-07-03	CHANGEOVER VALVE, RELIEF VALVE AND FITTINGS.....	536
13-04-02	PARKER PGP620 SERIES 46CC CW PUMP AND FITTINGS.....	488	13-08	PRESCREEN HYDRAULICS .....	538
13-04-03	TIER 4 FINAL AND CONSTANT SPEED SCANIA DC13 60CC CCW PUMP ASSEMBLY AND FITTINGS ..	490	13-08-01	PRESCREEN HYDRAULIC MOTOR ASSEMBLY .....	540
13-04-04	TIER 4 FINAL AND CONSTANT SPEED SCANIA DC13 60CC CW PUMP ASSEMBLY AND FITTINGS ..	492	13-09	CONVEYOR HYDRAULICS.....	542
13-04-05	TIER 4 FINAL SCANIA DC13 ENGINE HYDRAULICS	494	13-09-01	PRODUCT CONVEYOR MOTOR, HOSES AND FITTINGS.....	544
13-04-06	POWER UNIT OIL COOLER, FITTINGS AND HOSES	496	13-09-02	PRODUCT CONVEYOR HYDRAULIC CYLINDER, HOSES AND FITTINGS .....	546
13-04-07	FRONT RETURN MANIFOLD, HOSES AND FITTINGS.....	498	13-09-03	PRODUCT CONVEYOR RAM, HOSES & FITTINGS (OPTION).....	548
13-04-08	PRESSURE FILTER, HOSES AND FITTINGS.....	500	13-09-04	EXTENDED PRODUCT CONVEYOR CHECK VALVE, HOSES AND FITTINGS (OPTION).....	550
13-04-09	PT600 PVG VALVE 1, HOSES AND FITTINGS.....	502	13-09-05	DIRT CONVEYOR HYDRAULIC MOTOR, HOSES AND FITTINGS .....	552
13-04-10	PT600 PVG VALVE 1, HOSES AND FITTINGS_1.....	504	13-09-06	DIRT CONVEYOR CYLINDER, HOSES AND FITTINGS.....	554
13-04-11	PT600 PVG VALVE 1 BREAKDOWN .....	506	14-01	INLET CHUTE ASM 1 UPTO SERIAL NO. PIDPT600VOMG92771 .....	556
13-04-12	PT600 PVG VALVE 2, HOSES AND FITTINGS.....	508	14-01	INLET CHUTE ASM 1 FROM SERIAL NO. PIDPT600VOMG92772 .....	558
13-04-13	PT600 PVG VALVE 2, HOSES AND FITTINGS_1.....	510	14-02	INLET CHUTE ASM 2 UPTO SERIAL NO. PIDPT600VOMG92771 .....	562
13-04-14	PT600 PVG VALVE 2 BREAKDOWN .....	512	14-02	INLET CHUTE ASM 2 FROM SERIAL NO. PIDPT600VOMG92772 .....	566
13-04-15	PRESCREEN BLOCK, HOSES AND FITTINGS.....	514	14-03	CHAMBER SPRAYBAR ASM .....	568
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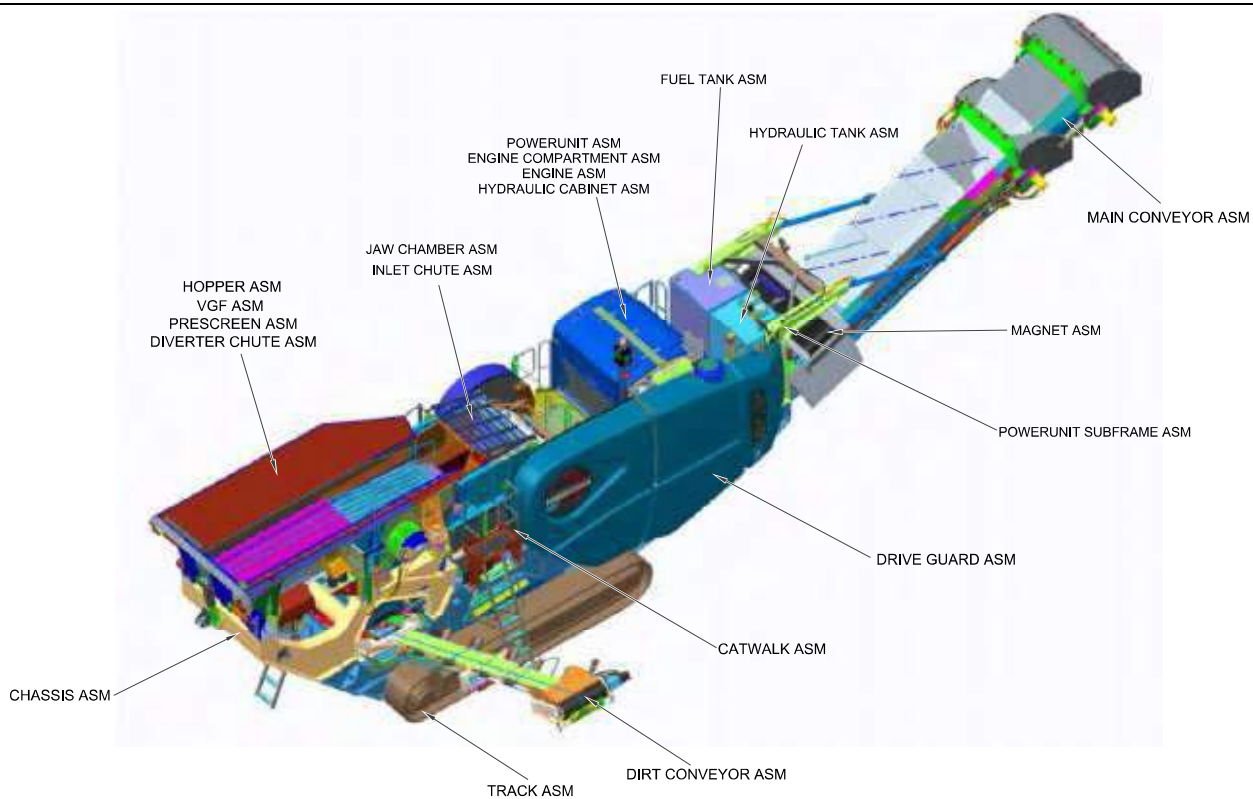
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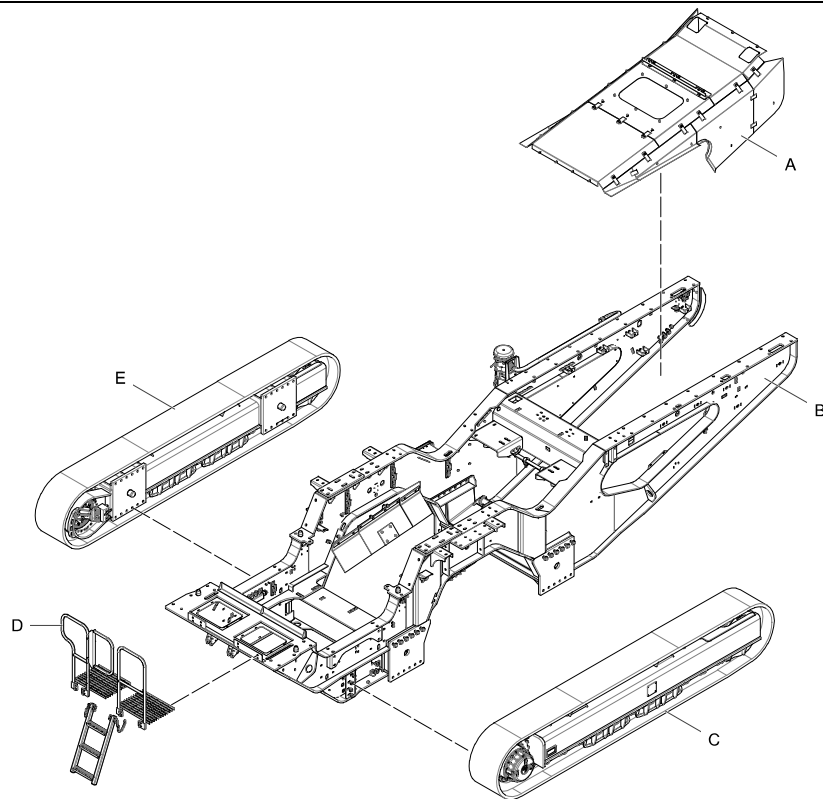


01-01

PREMIERTRAK 600 CRUSHER OVERVIEW

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	1-ASSEMBLY	1	FOR REFERENCE ONLY	



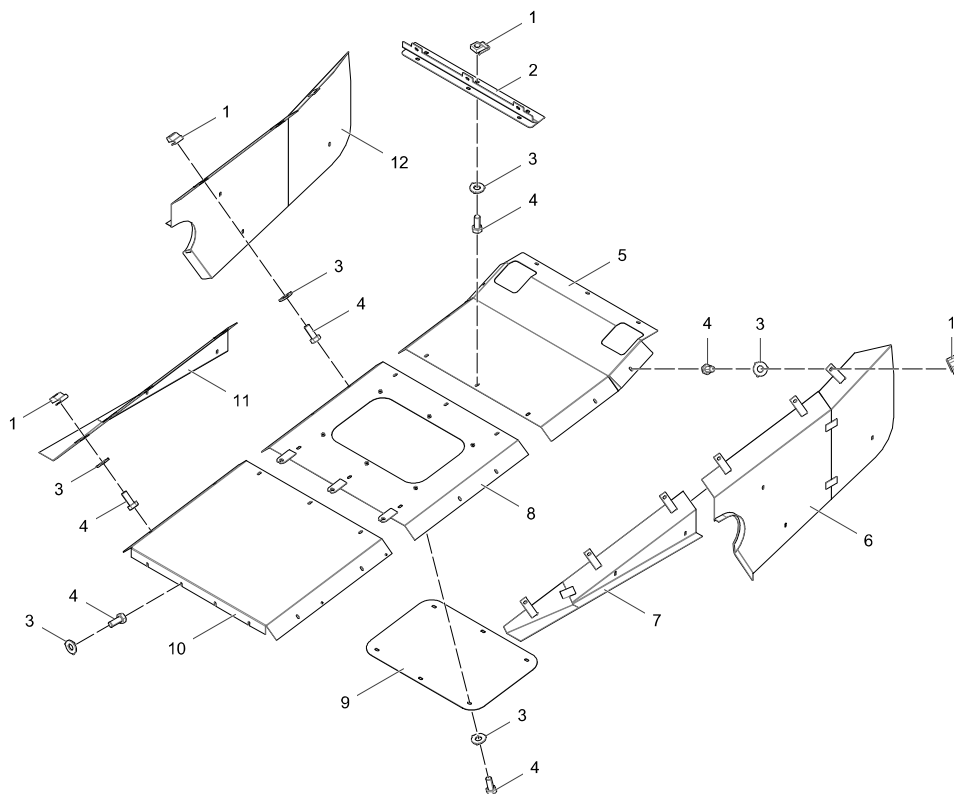


## 02-01

## CHASSIS OVERVIEW

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	A-ASSEMBLY	1	FOR REFERENCE ONLY	SEE FIGURE 02-02
2	B-ASSEMBLY	1	FOR REFERENCE ONLY	SEE FIGURE 02-03 TO 02-05 AND 13-01-01 TO 13-01-10
3	C-ASSEMBLY	1	FOR REFERENCE ONLY	SEE FIGURE 03-01 TO 03-03
4	D-ASSEMBLY	1	FOR REFERENCE ONLY	SEE FIGURE 11-08
5	E-ASSEMBLY	1	FOR REFERENCE ONLY	SEE FIGURE 03-01 TO 03-03
6	F-ASSEMBLY	1	FOR REFERENCE ONLY	



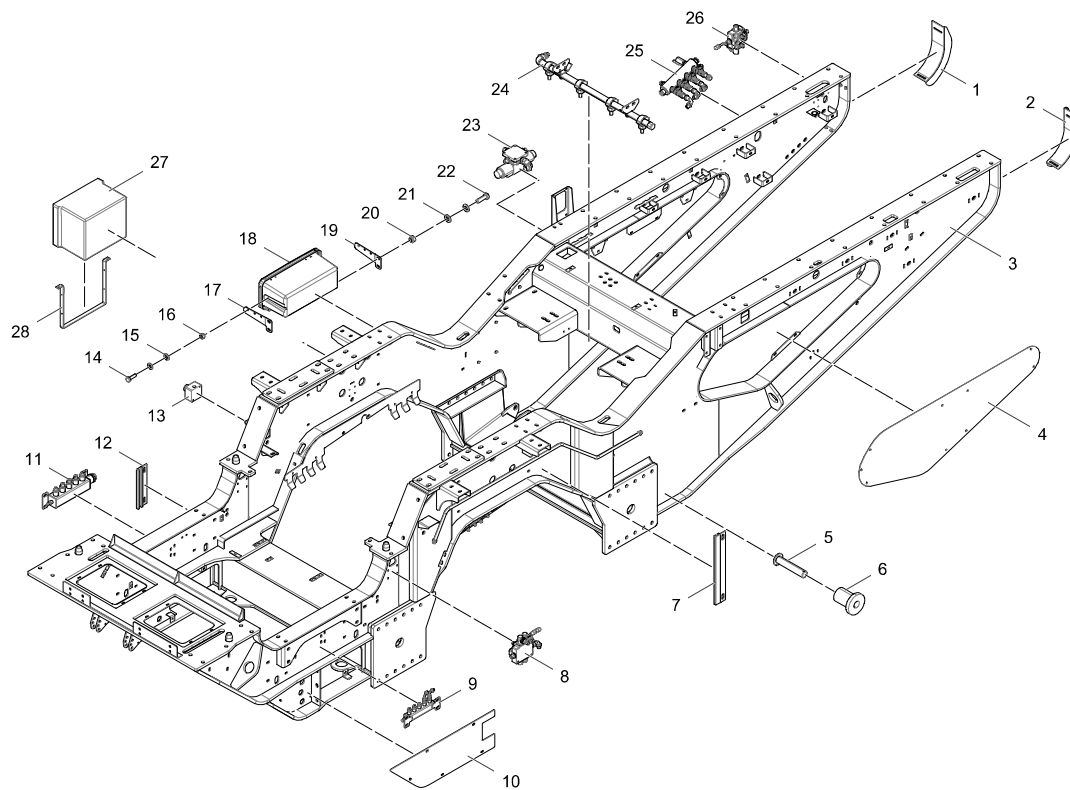


## 02-02

## MAIN CONVEYOR TUNNELING ASM

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	26.20.00012	21	M12 CAGE NUTS	
2	TC012-001-015	1	CROSS MEMBER W.A.	
3	2212-1004	37	M12 ZINC HARDENED WASHER BS 4395	
4	2230-3151	37	M12-1.75 X 30 ZINC HEX HEAD SET SCREW GR 8.8	
5	TC012-001-012	1	THIRD TUNNEL SECTION	
6	TC012-001-017	1	SIDE TUNNEL SECTION W.A	
7	TC012-001-016	1	SIDE TUNNEL SECTION W.A	
8	TC012-001-011	1	SECOND TUNNEL SECTION	
9	TC012-001-018	1	INSPECTION PLT ASM	
10	TC012-001-020	1	FIRST TUNNEL SECTION	
11	TC012-001-013	1	SIDE TUNNEL SECTION	
12	TC012-001-014	1	SIDE TUNNEL SECTION W.A.	



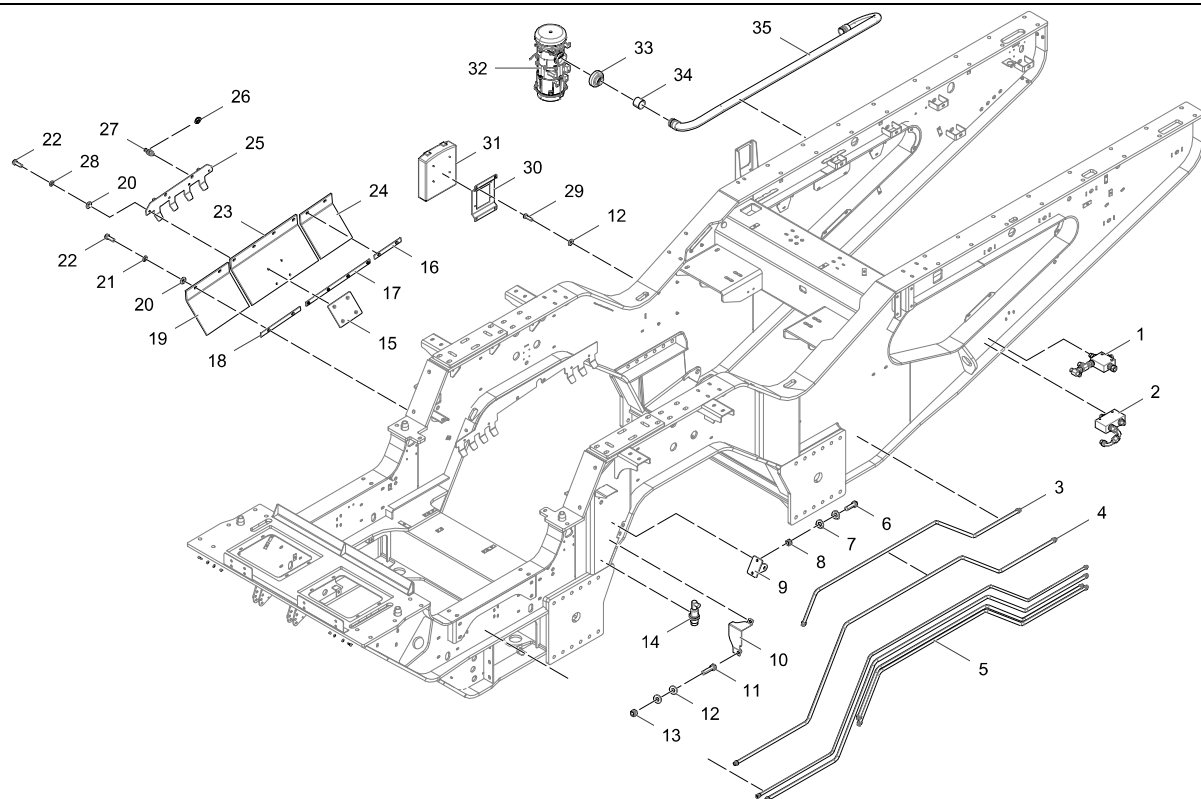


02-03

## CHASSIS ASM 1

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	TC003-001-107	1	CONVEYOR LATERAL SUPPORT BRACKET LHS	
2	TC003-001-106	1	CONVEYOR LATERAL SUPPORT BRACKET RHS	
3	TC012-001-065	1	PT600 DD CHASSIS MWA	
4	TC012-001-022	2	WINDOW BLANK	
5	380312200	2	PIN	
6	1550.01.24	2	CONVEYOR REMOVAL ROLLER	
7	TC012-001-043	6	STEEL PIPE FIXING	
8	8-ASSEMBLY	1	FOR REFERENCE ONLY	SEE FIGURE 13-01-01
9	9-ASSEMBLY	1	FOR REFERENCE ONLY	SEE FIGURE 13-01-02
10	TC012-001-026	2	TRACK MOTOR COVER	
11	11-ASSEMBLY	1	FOR REFERENCE ONLY	SEE FIGURE 13-01-03
12	TC012-001-044	2	STEEL PIPE FIXING	
13	14.02.0023	3	E STOP HEAVY DUTY	
14	2230-3153	6	M12-1.75 X 40 ZINC HEX HEAD SET SCREW GR 8.8 DIN933	
15	2210-0056	12	M12 WASHER TYPE C	
16	2217-0668	6	M12-1.75 ZINC NYLON INSERT LOCK NUT	
17	TC005-001-044	1	RH TOOLBOX BRACKET	
18	12.51.0001	1	PARLOK 700L SL3 TOOL BOX	
19	TC005-001-043	1	LH TOOLBOX BRACKET	
20	2217-0670	4	M16 X 2 NYLOC NUT	
21	2210-0058	8	M16 ZINC FORM C WASHER	
22	2230-3223	4	M16-2.00 X 50 ZINC HEX HEAD SET SCREW GR 8.8 DIN933	
23	23-ASSEMBLY	1	FOR REFERENCE ONLY	SEE FIGURE 13-01-04
24	24-ASSEMBLY	1	FOR REFERENCE ONLY	SEE FIGURE 13-01-05
25	25-ASSEMBLY	1	FOR REFERENCE ONLY	SEE FIGURE 13-01-06
26	26-ASSEMBLY	1	FOR REFERENCE ONLY	SEE FIGURE 13-01-07
27	12.51.0041	1	TOOL BOX	
28	1175.17.33	2	TOOLBOX STRAP TO SUIT 6789/660 TOOLBOX	







02-04

## CHASSIS ASM 2

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	1-ASSEMBLY	1	FOR REFERENCE ONLY	SEE FIGURE 13-01-08
2	2-ASSEMBLY	1	FOR REFERENCE ONLY	SEE FIGURE 13-01-09
3	TC01201-030	1	STEEL PIPE - DIRT CONVEY PRESSURE	
4	TC01201-023	1	STEEL PIPE - PRE SCREEN PRESSURE	
5	TC012-0103	1	CHASSIS STEEL PIPES	
6	2232-7207	4	M16-2.00 X 65 ZINC HEX HEAD BOLT GR 8.8 DIN931	
7	2212-1005	8	M16 ZINC HARDENED WASHER BS 4395	
8	2217-0670	4	M16 X 2 NYLOC NUT	
9	TC012-001-029	2	MAIN CON LIFT RAM BKT	
10	TC012-001-080	1	TAIL LIFT SENSOR GUARD	
11	2232-7095	2	M10-1.50 X 50 ZINC HEX HEAD BOLT GR 8.8 DIN931	
12	2210-0055	8	M10 ZINC FORM C WASHER BS 4320	
13	2217-0667	2	M10-1.50 ZINC NYLON INSERT LOCK NUT	
14	14.85.0022	1	PROXIMITY SENSOR	
15	TC012-001-078	2	WEAR PLATE	
16	TC012-001-072	2	CLAMP STRAP	
17	TC012-001-048	2	CLAMP STRAP	
18	TC012-001-049	2	CLAMP STRAP	
19	TC012-001-076	2	SIDE RUBBER	
20	2210-0056	12	M12 WASHER TYPE C	
21	2211-0008	4	WASHER SPR MS M12 BS4464 TYPE A	
22	2232-7126	16	M12-1.75 X 35 ZINC HEX HEAD BOLT GR 8.8	
23	TC012-001-074	2	SIDE RUBBER	
24	TC012-001-075	2	SIDE RUBBER	
25	TC012-001-077	2	RUBBER MTG	
26	2294-0015	4	LINCH PIN	
27	12.02.0040	4	3/4" UNF STABILISER PIN	
28	2211-1008	8	M12 ZINC FORM A SPRING WASHER BS 4664	
29	2232-7091	4	M10-1.50 X 30 ZINC HEX HEAD BOLT GR 8.8	



02-04

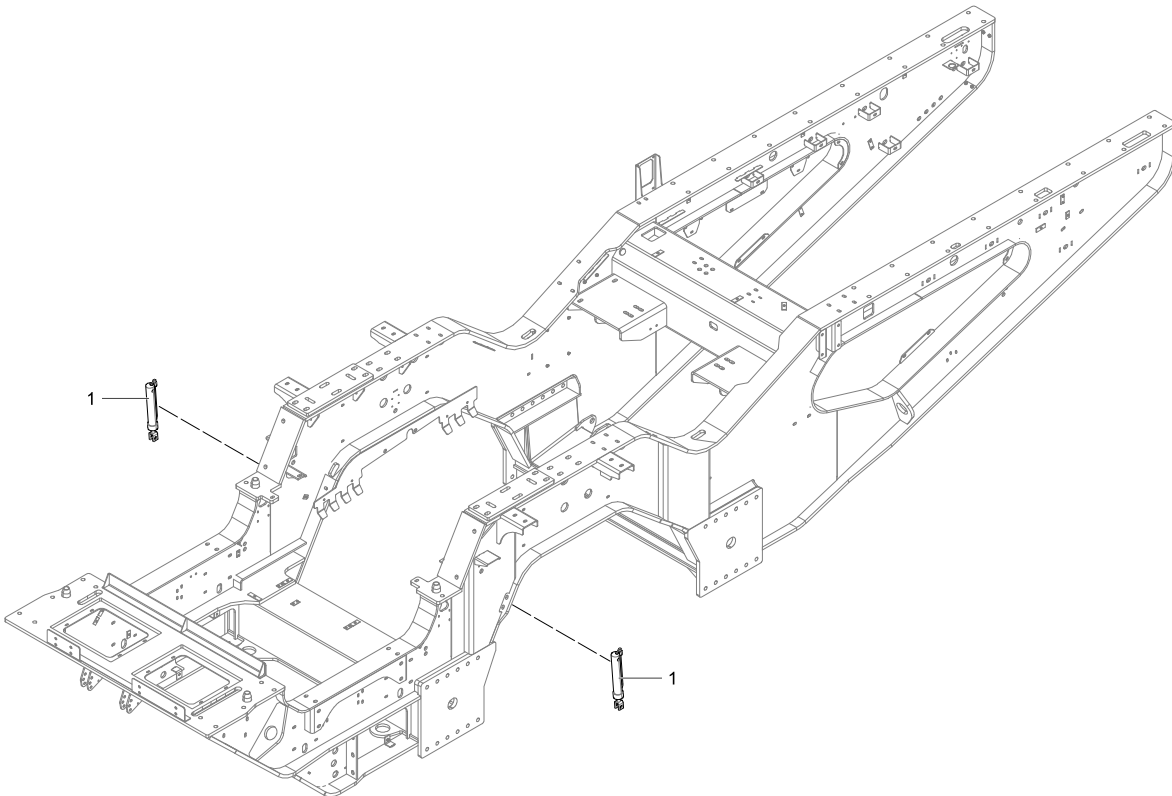
CHASSIS ASM 2

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
30	TC012-001-079	1	PT600 DOCUMENT HOLDER	
31	12.87.1175	1	DOCUMENT HOLDER CUS 9000 -15	
32	10.19.7770	1	FILTER ELEMENT FOR 60502468	
32	60502468	1	EXTENDED MERV FILTER	
33	TC012-001-068	1	4" - 2" AIR PIPE ADAPTOR	
34	TC012-001-069	1	2" OD ST LIGHT WALL PIPE	
35	TC012-001-070	1	AIR PIPE - PANEL POSITIVE PRESSURE	



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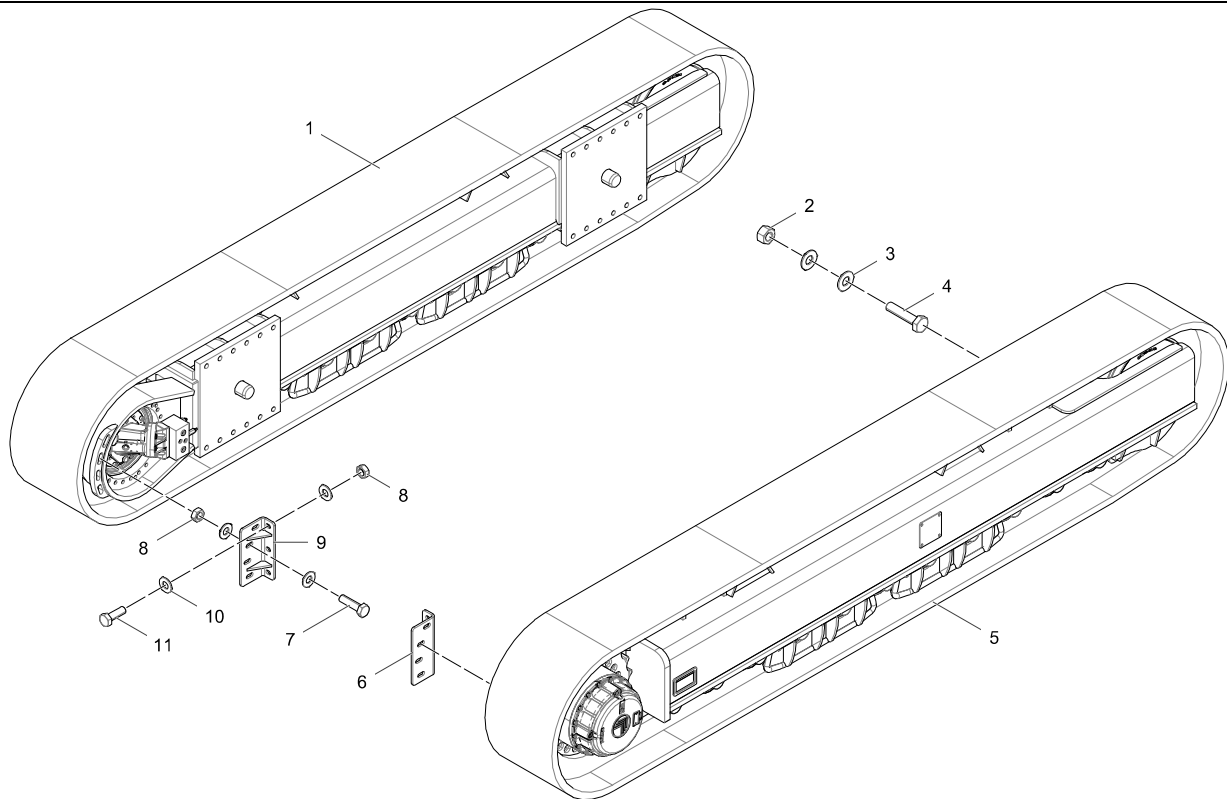


02-05

CHASSIS RAM ASSEMBLY - OVERVIEW

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	1-ASSEMBLY	1	FOR REFERENCE ONLY	SEE FIGURE 13-01-10



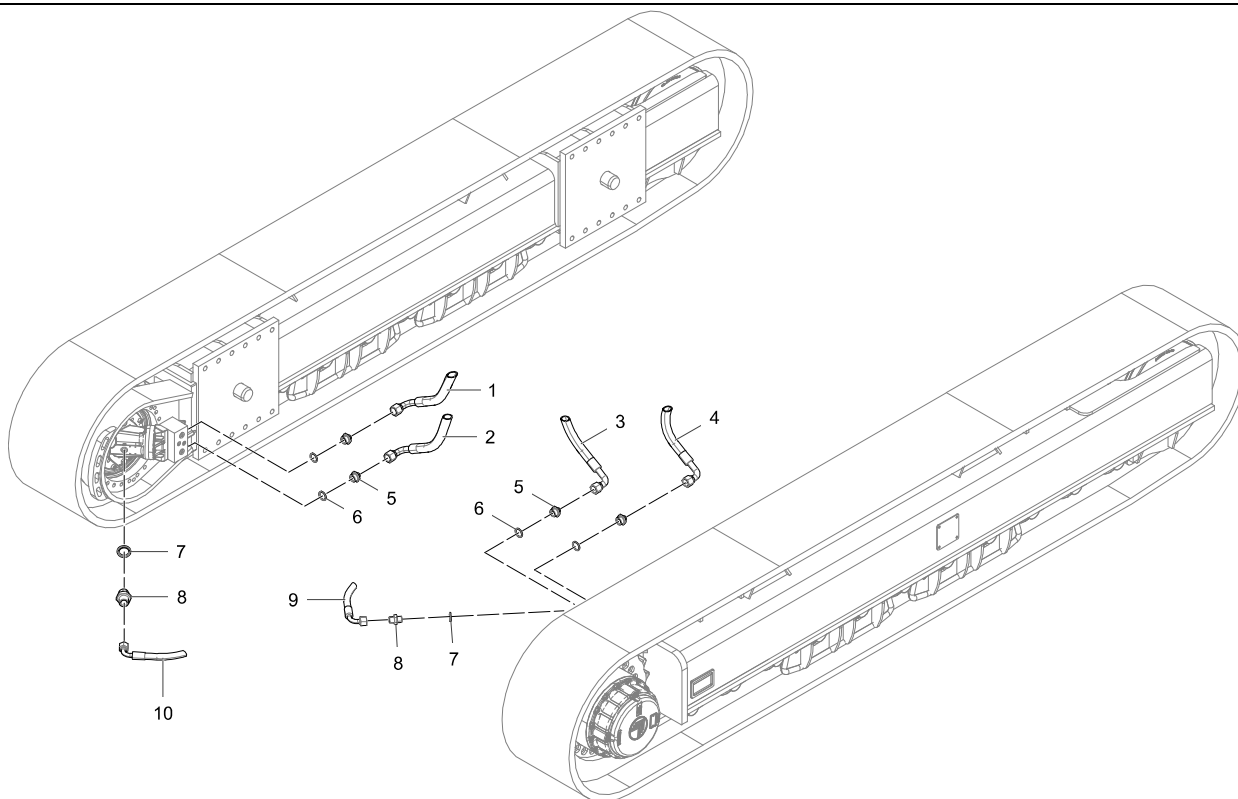


03-01

## TRACK ASM 1

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	1-ASSEMBLY	1	FOR REFERENCE ONLY	SEE FIGURE 03-03
2	26.15.01024	12	M24 HSFG NUT	
3	2212-2008	24	WASHER HARDENED M24 BS4395	
4	2236-4356	1	M24-3.0 X 110 ZINC HEX HEAD HSFG BOLT GR 10.9	
5	5-ASSEMBLY	1	FOR REFERENCE ONLY	SEE FIGURE 03-03
6	TC012-001-024	1	TRACK HOUSING BRK	
7	2236-4281	8	M20-2.50 X 75 ZINC HEX HEAD HSFG BOLT GR 10.9	
8	26.15.01020	14	M20 HSFG NUT	
9	TC012-001-025	1	TRACK HOUSING BRK - LH	
10	2212-2006	28	WASHER HARDENED M20 BS4395	
11	2236-4278	6	BOLT & NUT HEX M20X60 HSFG BS4395	





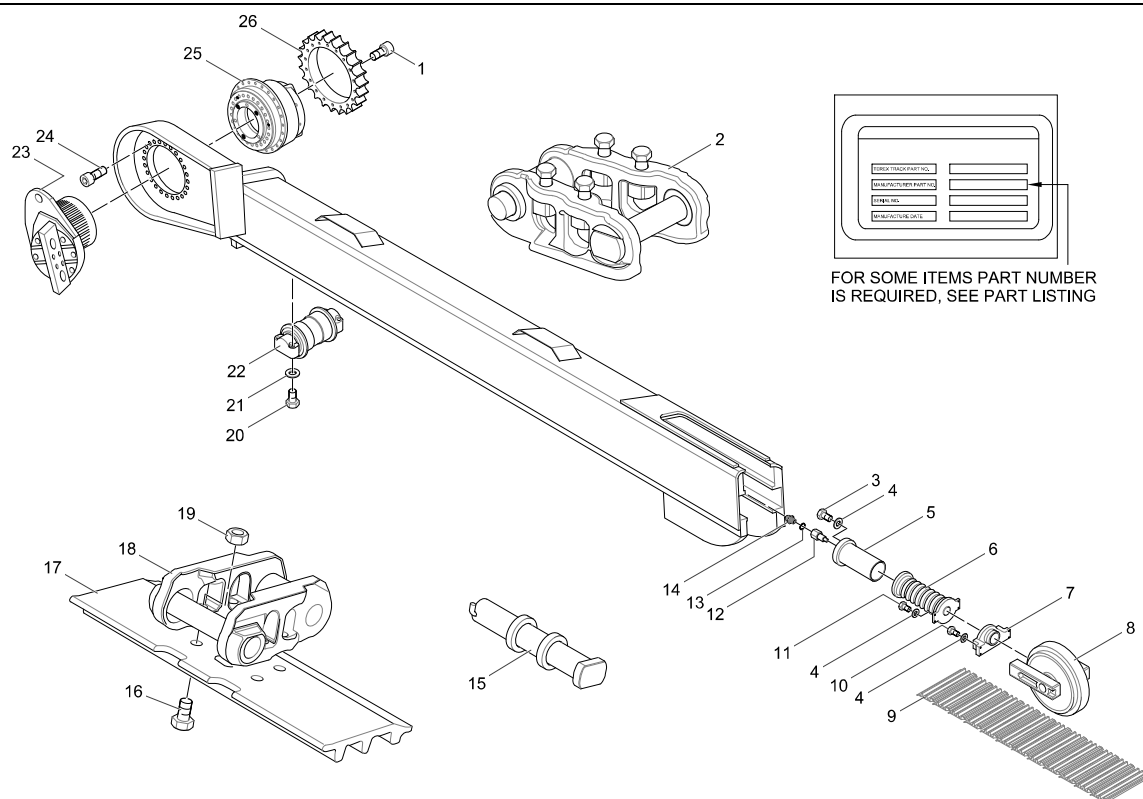


03-02

## TRACK ASM 2

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	TC01201-052	1	LH TRACK REVERSE- STEEL PIPE TO TRACK	
2	TC01201-051	1	LH TRACK FORWARD - STEEL PIPE TO TRACK	
3	TC01201-033	1	RH TRACK FORWARD- STEEL PIPE TO TRACK VALVE	
4	TC01201-034	1	RH TRACK BACK- STEEL PIPE TO TRACK VALVE	
5	10.01.1120	4	3/4 X 1 1/4 MALE/MALE ADAPTOR	
6	10.12.0029	4	1 1/4 BONDED SEAL	
7	10.12.0025	2	3/8 BONDED SEAL	
8	10.01.2211	2	M18 X 3/8 MM ADAPTOR	
9	TC01201-065	1	RH TRACK CASE DRIAN - TRACK TO MANIFOLD	
10	TC01201-064	1	LH TRACK CASE DRIAN - TRACK TO MANIFOLD	



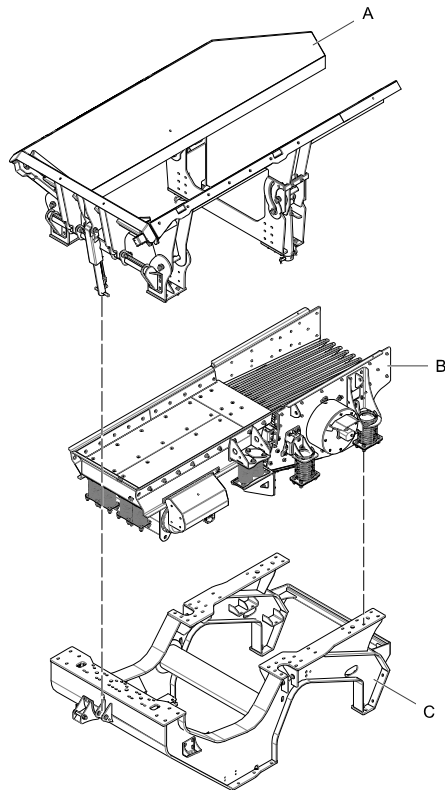


03-03

## STRICKLAND TRACKS

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	1-ASSEMBLY	48	FOR REFERENCE ONLY	FOR PART NUMBER PLEASE CONTACT THE SPARES DEPARTMENT
2	2372-0169	2	TRACK REPAIR LINK KIT	
3	3-ASSEMBLY	8	FOR REFERENCE ONLY	FOR PART NUMBER PLEASE CONTACT THE SPARES DEPARTMENT
4	12.99.0509	24	SPRING WASHER	
5	12.99.0754	2	GREASE TENSIONER	
6	6-ASSEMBLY	2	FOR REFERENCE ONLY	FOR PART NUMBER PLEASE CONTACT THE SPARES DEPARTMENT
7	7-ASSEMBLY	2	FOR REFERENCE ONLY	FOR PART NUMBER PLEASE CONTACT THE SPARES DEPARTMENT
8	12.99.0507	2	FRONT IDLER GROUP	
9	9-ASSEMBLY	2	FOR REFERENCE ONLY	FOR PART NUMBER PLEASE CONTACT THE SPARES DEPARTMENT
10	12.99.2026	8	HEX HEAD BOLT (YOKE TO IDLER)	
11	11-ASSEMBLY	8	FOR REFERENCE ONLY	FOR PART NUMBER PLEASE CONTACT THE SPARES DEPARTMENT
12	12.99.0332	2	TENSIONER GREASE FITTING	
13	12.99.0333	2	GASKET FOR GREASE FITTING	
14	12.99.0334	2	GREASE GUN ADAPTOR	
15	15-ASSEMBLY	2	FOR REFERENCE ONLY	FOR PART NUMBER PLEASE CONTACT THE SPARES DEPARTMENT
16	12.99.0624	416	TRACK SHOE BOLT	
17	12.99.0616	104	TRACK SHOE (500MM WIDE TRIPLE GROUSER)	
18	12.99.0615	2	TRACK LINK ASSEMBLY	
19	12.99.0625	416	TRACK SHOE NUT	
20	20-ASSEMBLY	88	FOR REFERENCE ONLY	FOR PART NUMBER PLEASE CONTACT THE SPARES DEPARTMENT
21	12.99.0323	88	HARDENED WASHER	
22	12.99.0354	22	LOWER ROLLER	
23	23-ASSEMBLY	2	FOR REFERENCE ONLY	MACHINE SERIAL NO. REQUIRED TO ORDER
24	24-ASSEMBLY	48	FOR REFERENCE ONLY	FOR PART NUMBER PLEASE CONTACT THE SPARES DEPARTMENT
25	25-ASSEMBLY	2	FOR REFERENCE ONLY	MACHINE SERIAL NO. REQUIRED TO ORDER
26	26-ASSEMBLY	2	FOR REFERENCE ONLY	MACHINE SERIAL NO. REQUIRED TO ORDER
27	12.99.0379	2	BRAKE RELEASE ADAPTER	NOT IDENTIFIED IN ILLUSTRATION
28	12.99.0381	2	BRAKE RELEASE SEAL	NOT IDENTIFIED IN ILLUSTRATION
29	12.99.0468	4	OIL FILL/DRAIN PLUG	NOT IDENTIFIED IN ILLUSTRATION

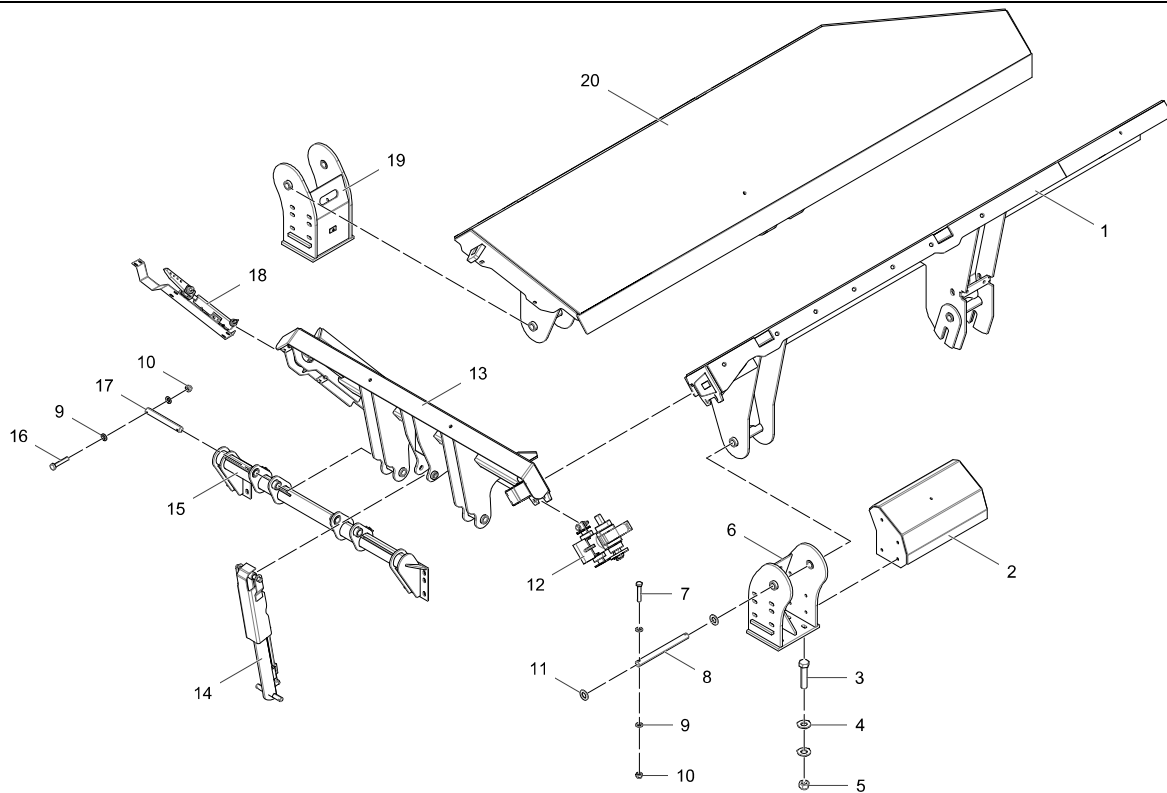




**04-01****HOPPER, FEEDER BED AND PRESSCREEN ASSEMBLY - OVERVIEW**

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	A-ASSEMBLY	1	FOR REFERENCE ONLY	SEE FIGURE 04-02 TO 04-03
2	B-ASSEMBLY	1	FOR REFERENCE ONLY	SEE FIGURE 04-04 TO 04-11 AND 09-01 TO 09-06
3	C-ASSEMBLY	1	FOR REFERENCE ONLY	SEE FIGURE 04-12



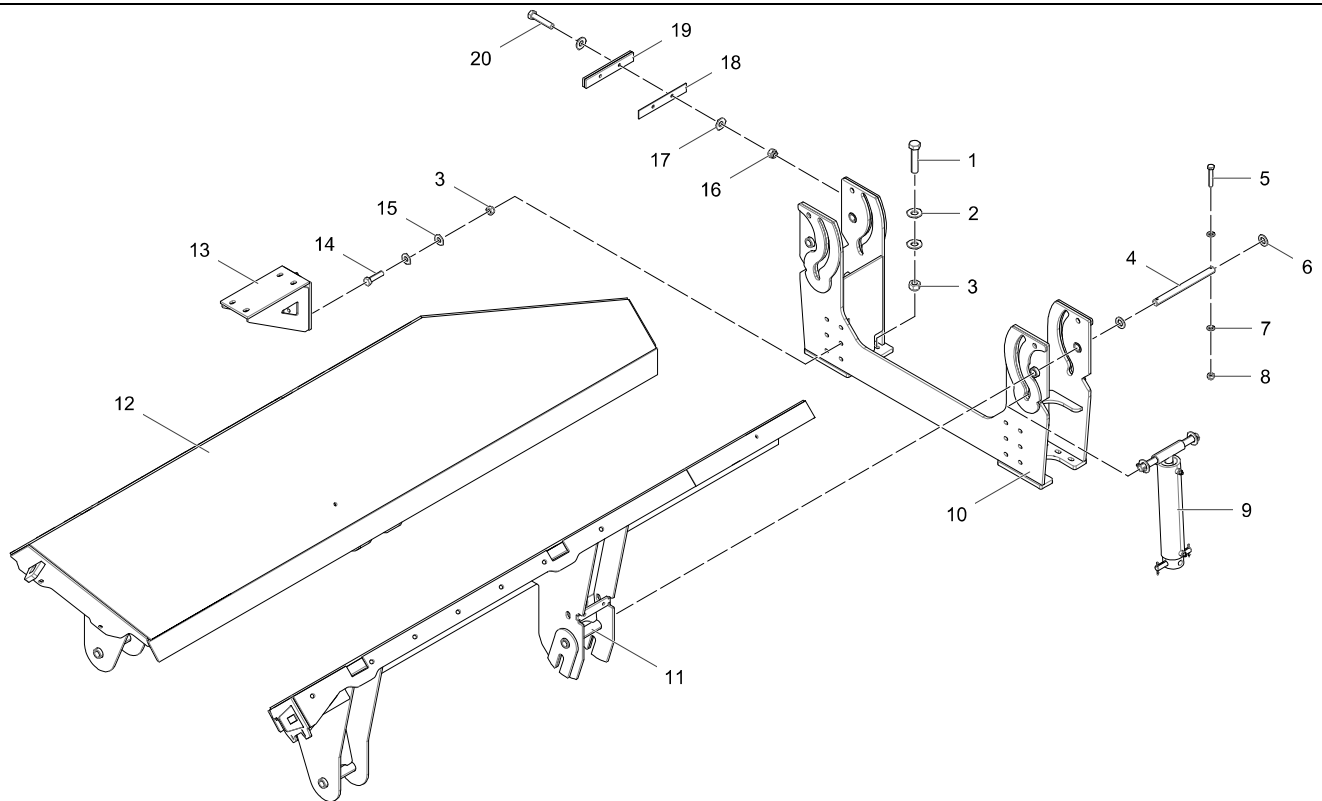


## 04-02

## HOPPER ASM 1

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	TC012-008-007	1	HOPPER RHS WELDED ASM	
2	TC012-008-040	1	HOPPER MOTOR GUARD	
2	TC012-008-041	1	VGf MOTOR GUARD	
3	2230-3296	8	M20-2.5 X 90 ZINC HEX HEAD SET SCREW GR 8.8	
4	2212-1006	16	M20 ZINC HARDENED WASHER	
5	2217-0672	8	M20-2.50 ZINC NYLON INSERT LOCK NUT	
6	TC012-008-018	1	HOPPER REAR CHASSIS MNT RHS	
7	2232-7132	4	M12-1.75 X 65 ZINC HEX HEAD BOLT GR 8.8	
8	TC012-008-023	2	HOPPER SIDE REAR PIN	
9	2210-0017	12	WASHER BRIGHT M12 BS4320 FORM A	
10	2217-0668	8	M12-1.75 ZINC NYLON INSERT LOCK NUT	
11	2210-0028	4	M39 PLAIN WASHER FORM A	
12	12-ASSEMBLY	1	FOR REFERENCE ONLY	SEE FIGURE 13-03-01
13	TC012-008-006	1	HOPPER REAR DOOR WELDED ASM	
14	14-ASSEMBLY	1	FOR REFERENCE ONLY	SEE FIGURE 13-03-02
15	TC012-008-034	1	REAR DOOR MTG XMBR	
16	2230-3158	2	M12-1.75 X 65 ZINC HEX HEAD CAP SCREW GR 8.8	
17	TC012-008-035-001	2	PIN-40X320MM	
18	18-ASSEMBLY	1	FOR REFERENCE ONLY	SEE FIGURE 13-03-03
19	TC012-008-035	1	HOPPER REAR CHASSIS MNT LHS	
20	TC012-008-005	1	HOPPER LHS WELDED ASM	





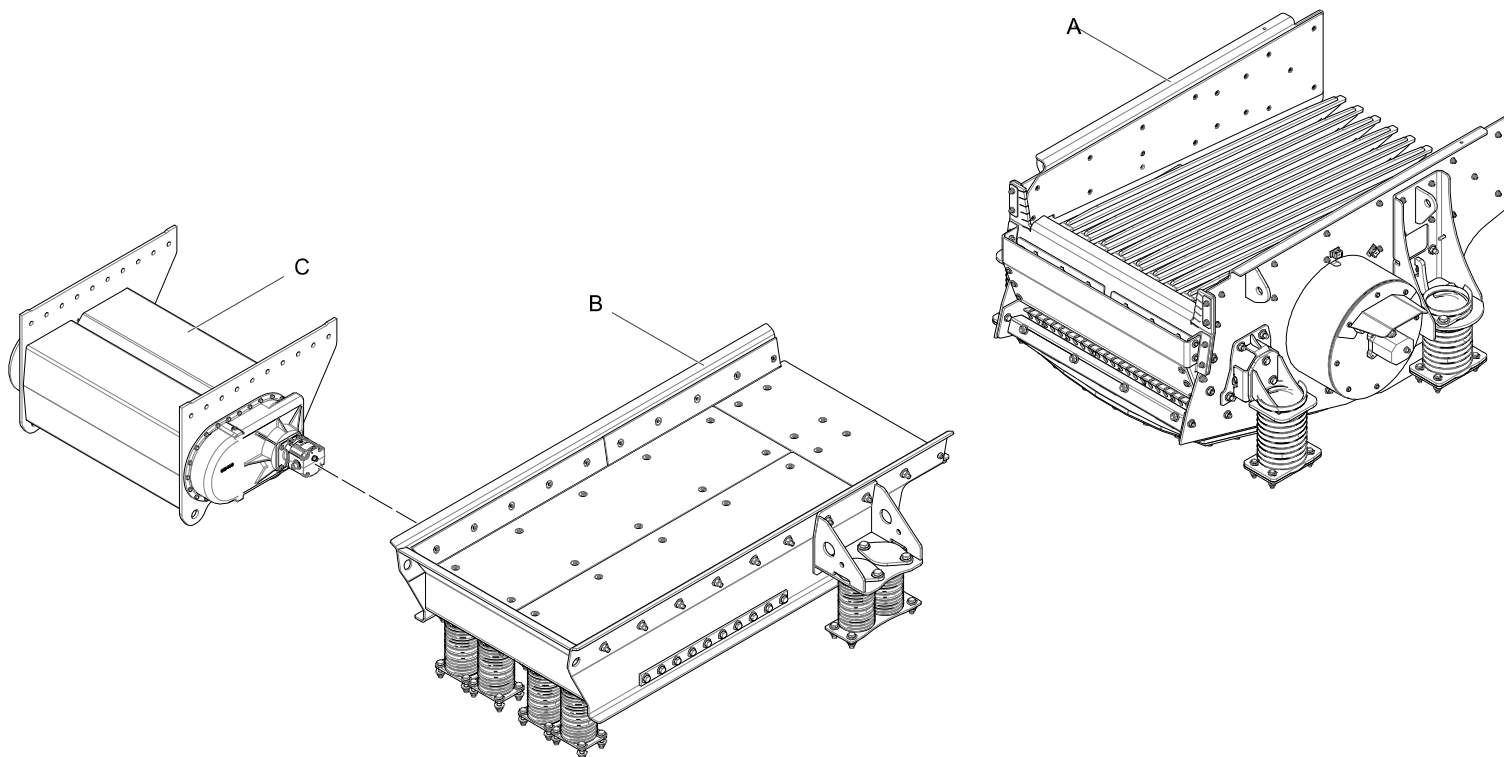


04-03

## HOPPER ASM 2

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	2230-3296	14	M20-2.5 X 90 ZINC HEX HEAD SET SCREW GR 8.8	
2	2212-1006	28	M20 ZINC HARDENED WASHER	
3	2217-0672	26	M20-2.50 ZINC NYLON INSERT LOCK NUT	
4	TC012-008-016	2	HOPPER SIDE FRONT PIVOT PIN	
5	2232-7132	4	M12-1.75 X 65 ZINC HEX HEAD BOLT GR 8.8	
6	2210-0028	4	M39 PLAIN WASHER FORM A	
7	2210-0017	8	WASHER BRIGHT M12 BS4320 FORM A	
8	2217-0668	4	M12-1.75 ZINC NYLON INSERT LOCK NUT	
9	9-ASSEMBLY	1	FOR REFERENCE ONLY	SEE FIGURE 13-03-04
10	TC012-008-015	1	HOPPER FRONT MTG LEGS	
11	TC012-008-007	1	HOPPER RHS WELDED ASM	
12	TC012-008-005	1	HOPPER LHS WELDED ASM	
13	TC012-008-100	2	MKII FEEDER SPRING MTG BRACKET	FROM SERIAL NO. PIDP600ECOMI36308, ECO21283
13	TC012-008-024	2	PAN SPRING MTG BRACKET	UPTO SERIAL NO. PIDP600ECOMI36307, ECO21283
14	2232-7281	12	M20-2.50 X 75 ZINC HEX HEAD BOLT GR 8.8 DIN931	
15	26.15.00020	24	M20 HARDENED WASHER	
16	2217-0670	4	M16 X 2 NYLOC NUT	
17	2212-1005	8	M16 ZINC HARDENED WASHER BS 4395	
18	TC012-008-021	2	HOPPER STOP BACKING PLT	
19	TC012-008-022	2	HOPPER STOPPER PLATE C/W BONDED RUBBER	
20	2230-3229	4	M16-2.00 X 80 ZINC HEX HEAD SET SCREW GR 8.8	

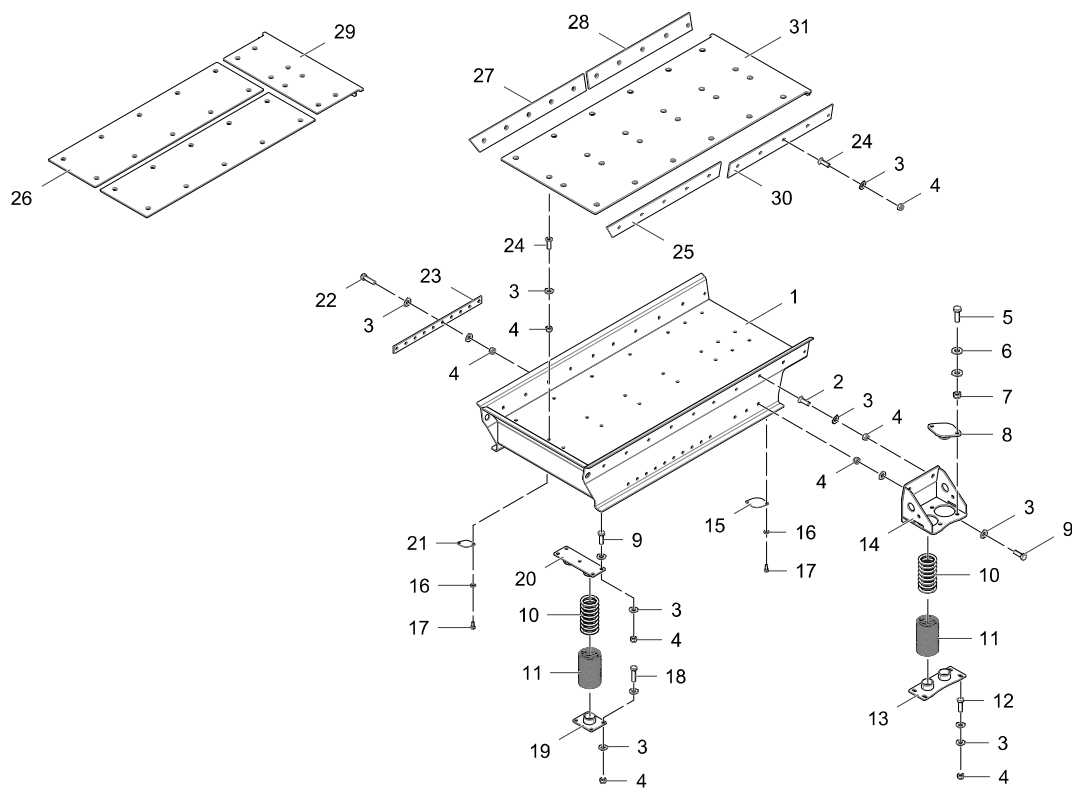




**04-04****FEEDER BED, VIBRATING UNIT AND PRESCREEN OVERVIEW**

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	A-ASSEMBLY	1	FOR REFERENCE ONLY	SEE FIGURE 09-01 TO 09-06
2	B-ASSEMBLY	1	FOR REFERENCE ONLY	SEE FIGURE 04-05
3	C-ASSEMBLY	1	FOR REFERENCE ONLY	SEE FIGURE 04-06 TO 04-11





04-05

## FEEDER BED ASM UPTO SERIAL NO. PIDP600ECOMI36307

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	TC012-005-001	1	SHORT VIB. FEEDER	
2	26.50.20070	4	M20 X 70 CSK COUNTERSUNK BOLT	
3	26.15.00020	199	M20 HARDENED WASHER	
4	2217-0672	123	M20-2.50 ZINC NYLON INSERT LOCK NUT	
5	2232-7349	8	M24-3.00 X 70 ZINC HEX HEAD BOLT GR 8.8 DIN931	
6	2212-1008	16	M24 ZINC HARDENED WASHER BS 4395	
7	2217-0674	8	M24 X 3NYLOC NUT	
8	TC012-005-013	4	SPRING MOUNT - VF	
9	2232-7278	16	M20-2.50 X 60 ZINC HEX HEAD BOLT GR 8.8 DIN931	
10	12.11.0098	8	COMPRESSION SPRING	
11	AX893-077-001	8	FEEDER SPRING COVER	
12	2232-7279	8	M20-2.50 X 65 ZINC HEX HEAD BOLT GR 8.8	
13	TC012-005-014	2	SPRING MOUNT	
14	TC012-005-002	2	SPRING MOUNT	
15	1175.05.48	4	1175.05.48	
16	2210-0056	16	M12 WASHER TYPE C	
17	2230-3151	16	M12-1.75 X 30 ZINC HEX HEAD SET SCREW GR 8.8	
18	2232-7281	16	M20-2.50 X 75 ZINC HEX HEAD BOLT GR 8.8 DIN931	
19	TC012-005-015	4	SPRING SEAT PLATE W.A.	
20	TC012-005-016	2	SPRING SEAT PLATE W.A.	
21	1175.05.49	4	1175.05.49	
22	26.44.20075	20	M20X75 BOLT	
23	TC001-005-012	2	TC001-005-012	
24	2226-2891	42	M20-2.50X60 ZINC SOCKET HEAD COUNTERSUNK SET SCREW	
25	TC012-005-005	1	RHS REAR LINER PLATE	
26	TC012-005-011	2	BASE LINER PLATE - X600 SHORT VGF	REPLACED BY ITEM 31 ALONG WITH ITEM 29, ECO19615



04-05

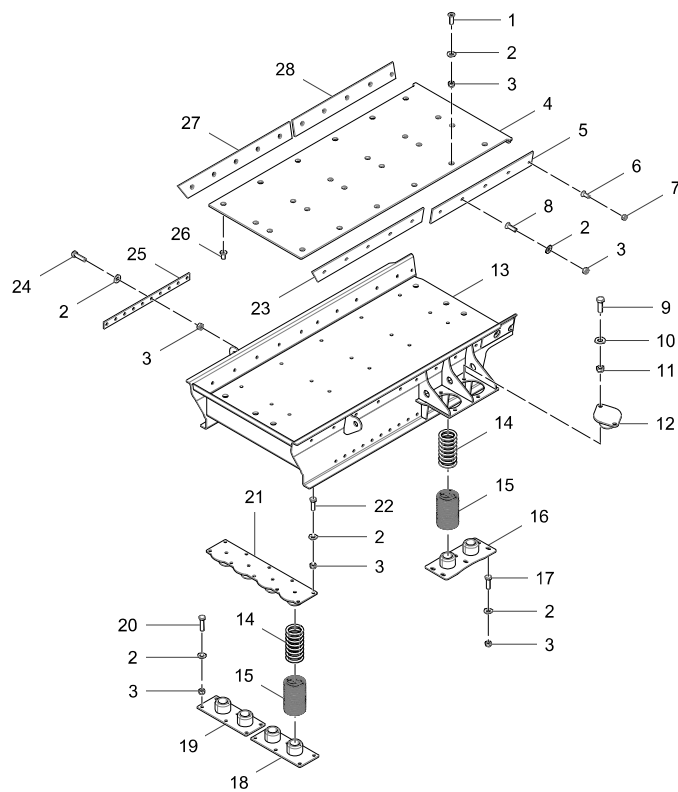
## FEEDER BED ASM UPTO SERIAL NO. PIDP600ECOMI36307

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
27	TC012-005-003	1	LHS REAR LINER PLATE	
28	TC012-005-004	1	FRONT LINER PLATE	
29	TC012-005-008	1	BASE LINER ASSY - SHORT VGF - FRONT	REPLACED BY ITEM 31 ALONG WITH ITEM 26, ECO19615
30	TC012-005-010	1	FRONT LINER PLATE	
31	TC012-005-050	1	BASE LINER PLATE - SHORT VGF MKII	REPLACES ITEMS 26 AND 29, ECO19615



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04-05

## FEEDER BED ASM FROM SERIAL NO. PIDP600ECOMI36308

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	2226-2893	20	M20-2.50X70 ZINC SOCKET HEAD COUNTERSUNK SET SCREW GR 10.9	
2	26.15.00020	148	M20 HARDENED WASHER	
3	2217-0672	94	M20-2.50 ZINC NYLON INSERT LOCK NUT	
4	TC012-005-067	1	BASE LINER PLATE - FEEDER MKII	
5	TC012-005-074	1	FRONT LINER PLATE MKII FEEDER	
6	2226-2854	2	M16-2.00X40 ZINC SOCKET HEAD COUNTERSUNK SET SCREW	
7	2215-0016	2	NUT HEX M16 BS3692 GR8	
8	2226-0891	20	SCREW SKT CSK M20X60 BS4168	
9	2232-7349	8	M24-3.00 X 70 ZINC HEX HEAD BOLT GR 8.8 DIN931	
10	2212-1008	16	M24 ZINC HARDENED WASHER BS 4395	
11	2217-0674	8	M24 X 3NYLOC NUT	
12	TC012-005-078	4	UPPER SPRING MTG MKII	
13	TC012-005-066	1	MKII PAN FEEDER - MWA	
14	12.11.0151	8	COMPRESSION SPRING 25MM X 125MM ID X 345MM	
15	AX871-801-001	8	FEEDER SPRING COVER	
16	TC012-005-070	2	FRONT SPRING MOUNT MKII FEEDER	
17	2232-7279	12	M20-2.50 X 65 ZINC HEX HEAD BOLT GR 8.8	
18	TC012-005-082	1	REAR BOTTOM SPRING MOUNT MKII PAN RHS	
19	TC012-005-081	1	REAR BOTTOM SPRING MOUNT MKII PAN	
20	2232-7281	12	M20-2.50 X 75 ZINC HEX HEAD BOLT GR 8.8 DIN931	
21	TC012-005-080	1	REAR TOP SPRING MOUNT MKII PAN	
22	2232-7278	10	M20-2.50 X 60 ZINC HEX HEAD BOLT GR 8.8 DIN931	
23	TC012-005-068	1	RHS REAR LINER PLATE - MKII FEEDER	
24	2230-9294	20	M20-2.50 X 80 ZINC HEX HEAD SET SCREW GR 10.9 DIN933	
25	TC001-005-012	2	TC001-005-012	



04-05

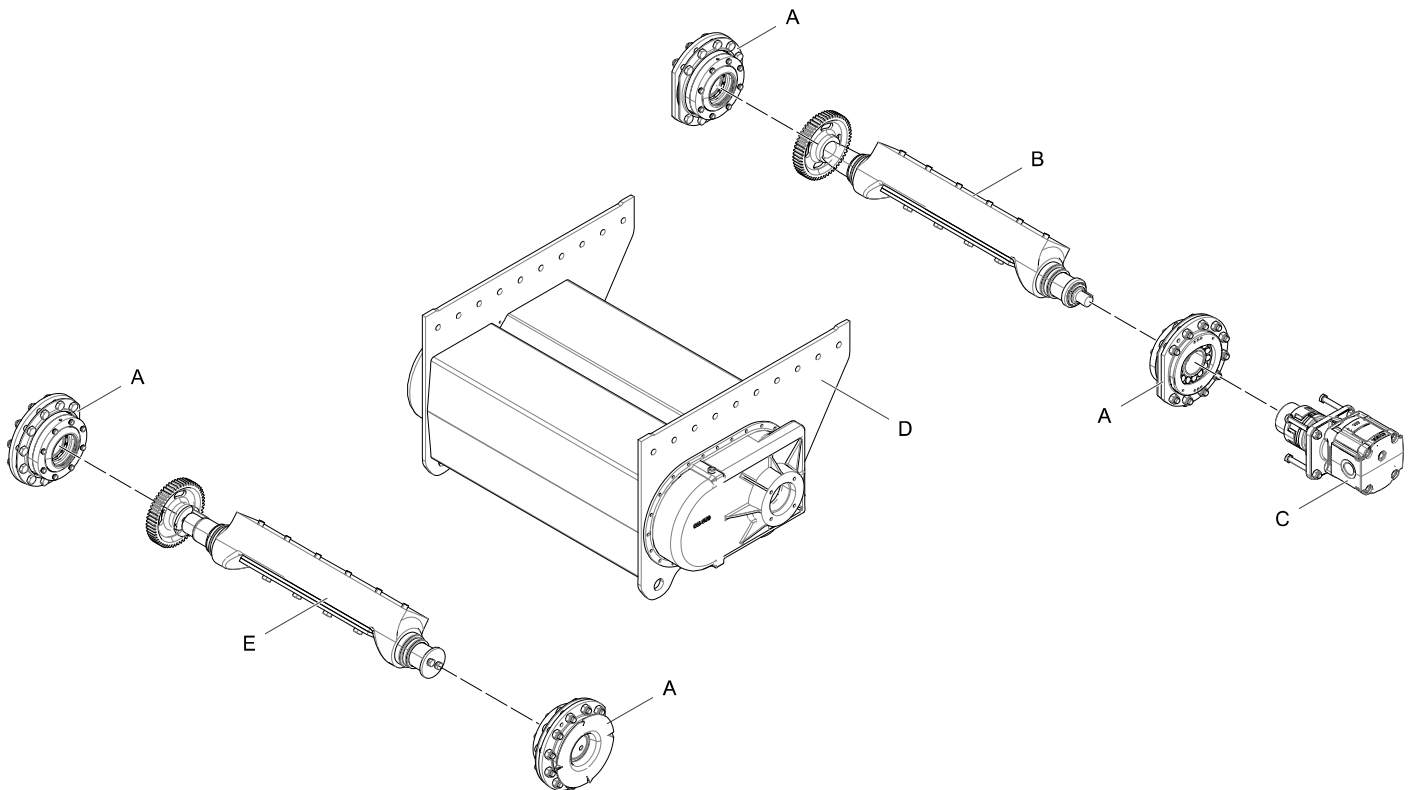
FEEDER BED ASM FROM SERIAL NO. PIDP600ECOMI36308

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
26	2226-0887	8	SCREW SKT CSK M20X40 BS4168	
27	TC012-005-069	1	LHS REAR LINER PLATE - MKII FEEDER	
28	TC012-005-075	1	FRONT LINER PLATE MKII FEEDER RHS	



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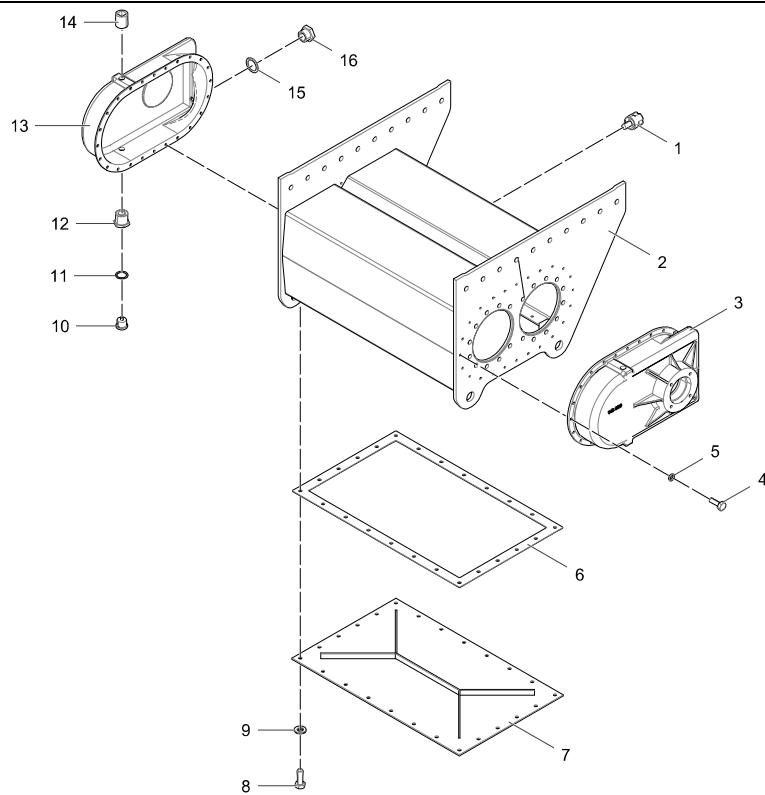


04-06

VIBRATOR UNIT OVERVIEW

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	A-ASSEMBLY	1	FOR REFERENCE ONLY	SEE FIGURE 04-08
2	B-ASSEMBLY	1	FOR REFERENCE ONLY	SEE FIGURE 04-09
3	C-ASSEMBLY	1	FOR REFERENCE ONLY	SEE FIGURE 04-11
4	D-ASSEMBLY	1	FOR REFERENCE ONLY	SEE FIGURE 04-07
5	E-ASSEMBLY	1	FOR REFERENCE ONLY	SEE FIGURE 04-10



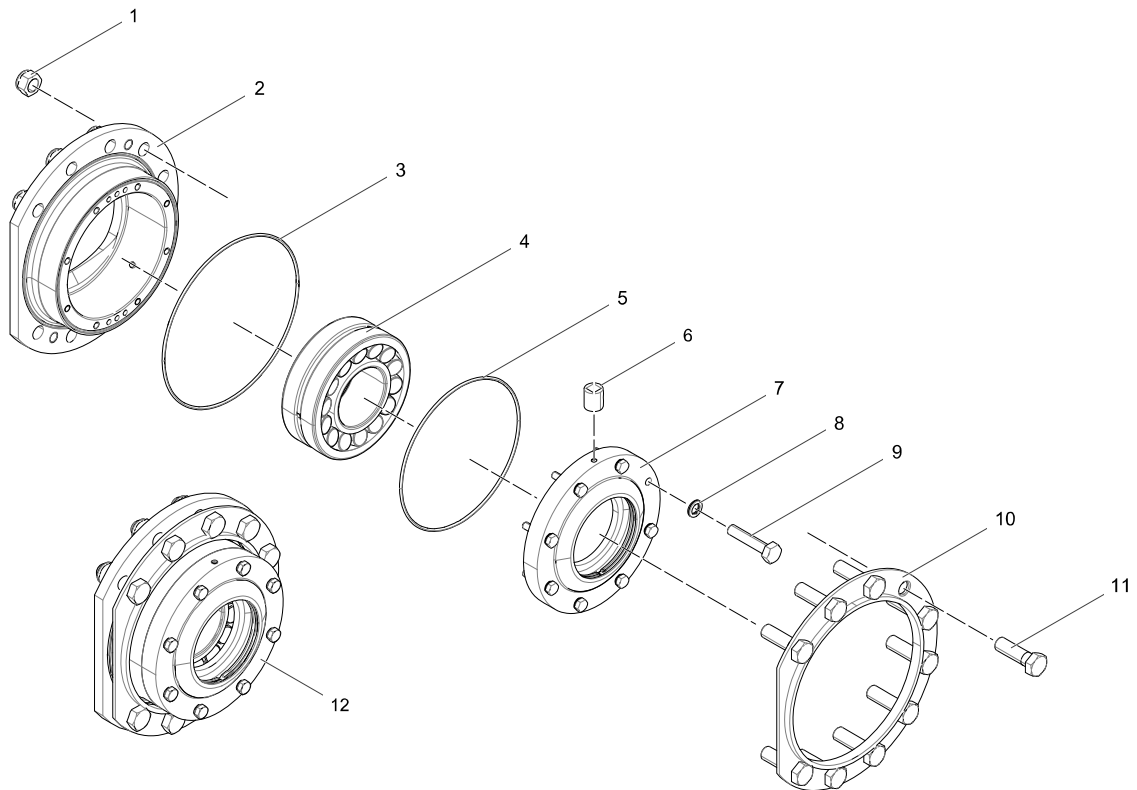


04-07

## VIBRATOR UNIT HOUSING AND DRIVE COVERS

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	2531-1021	1	BREATHER 1/4" NPT	
2	629/150	1	UNIT HOUSING	
3	629/160	1	DRIVE END COVER	
4	2230-1122	48	SCREW HEX M10X30 BS3692 GR8.8	
5	2211-0007	48	SPRING WASHER M10 BS 4664 TYPE A	
6	TC003-005-007	1	COVER GASKET	
7	629/151	1	COVER PLATE	
8	2230-1152	24	SCREW HEX M12X35 BS3692 GR8.8	
9	2212-3054	24	WASHER M12 ANTI-VIBE NORD LOCK SP	
10	2510-9848-001	2	MAGNETIC PLUG 1/2" BSP	
11	2510-9848-002	2	MAG PLUG ALU WASHER	
12	2510-4574	2	BUSH REDUCING BRASS 3/4 X 1/2BSP	
13	629/47	1	END COVER GEAR END	
14	2510-3864	2	PLUG RECESSED HEAD GF596-3/4BSP	
15	2538-5152-002	2	FIBRE WASHER (SIGHT GLASS)	
16	2538-5152-001	2	SIGHT GLASS BODY	





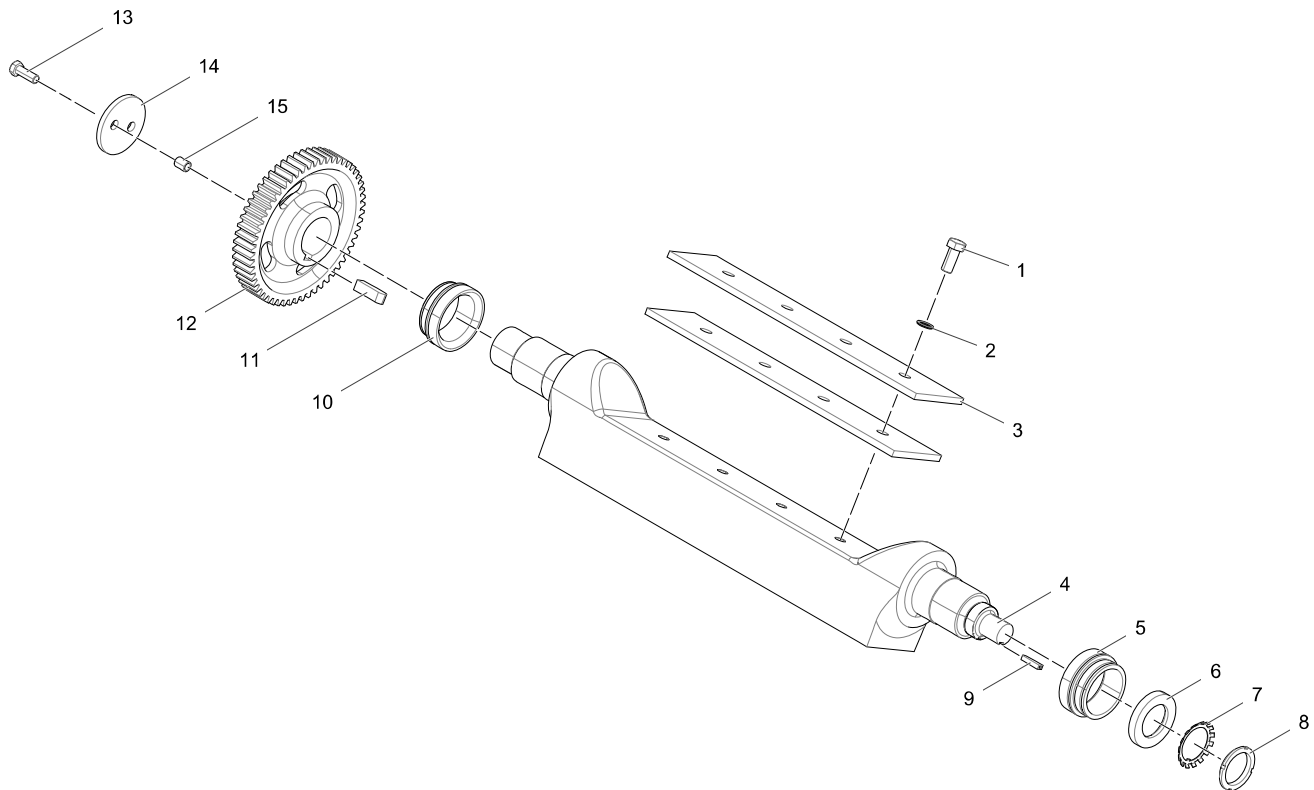


04-08

## VIBRATOR UNIT BEARINGS ASM

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	2217-0009	10	NUT PHILIDAS MKV M20 20MCV/8	
2	629/153	1	BEARING HOUSING	
3	629/163	1	O RING OUTER	
4	2416-1909	1	BEARING FAG	
5	629/162	1	O RING INNER	
6	2510-3860	2	PLUG RECESSED HEAD GF596-1/8BSP	
7	629/156	1	BEARING CAP	
8	2212-3003	8	WASHER M10 ANTI VIB	
9	2230-1126	8	M10-1.50 X 50 BLACK HEX HEAD SET SCREW GR 8.8 DIN933	
10	629/159	1	LOCKING RING	
11	2232-1279	10	BOLT HEX M20X65 BS3692 GR8.8	
12	629/153/BRG	1	BEARING HOUSING WITH BEARING	COMPLETE BEARING ASSEMBLY



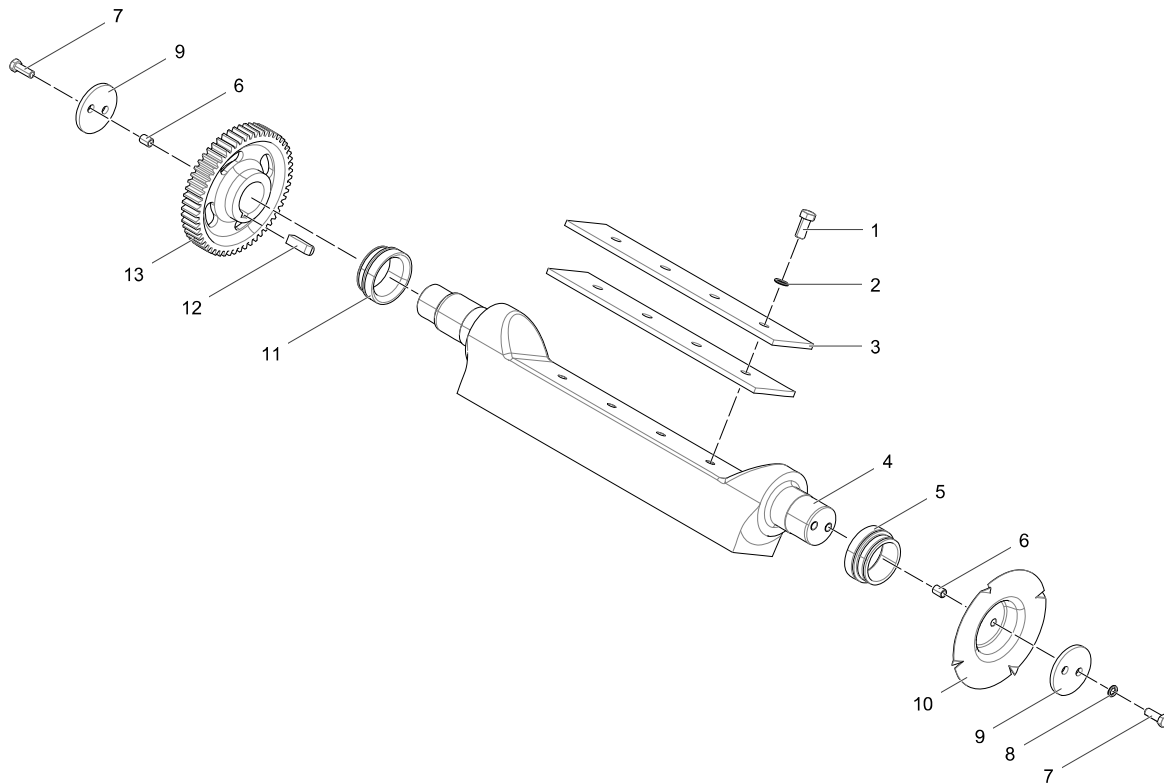


04-09

## VIBRATOR DRIVE SIDE SHAFT ASM

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	2230-1287	4	SCREW HEX M20X45 BS3690 GR8.8	
2	2212-3006	4	WASHER M20 ANTI VIB	
3	629-270	2	NEGATIVE WEIGHT 12MM	
4	TC001-005-015	1	DRIVE SHAFT	
5	629/157	1	BEARING SPACER DRIVE SIDE	
6	310/28	1	WASHER	
7	2212-8014	1	BRG LOCKWASHER	
8	2217-7014	1	NUT LOCK BRG	
9	331/58	1	KEY	
10	629/158	1	BEARING SPACER NONDRIVE SIDE	
11	18HS-50	1	KEY	
12	18HS54	1	DRIVE GEAR	
13	325/20	2	SCREW HEX M16X35	
14	18HS39	1	RETAINING WASHER	
15	2218-1102	2	HELICOIL M16 X 2-24MM FREERUN	



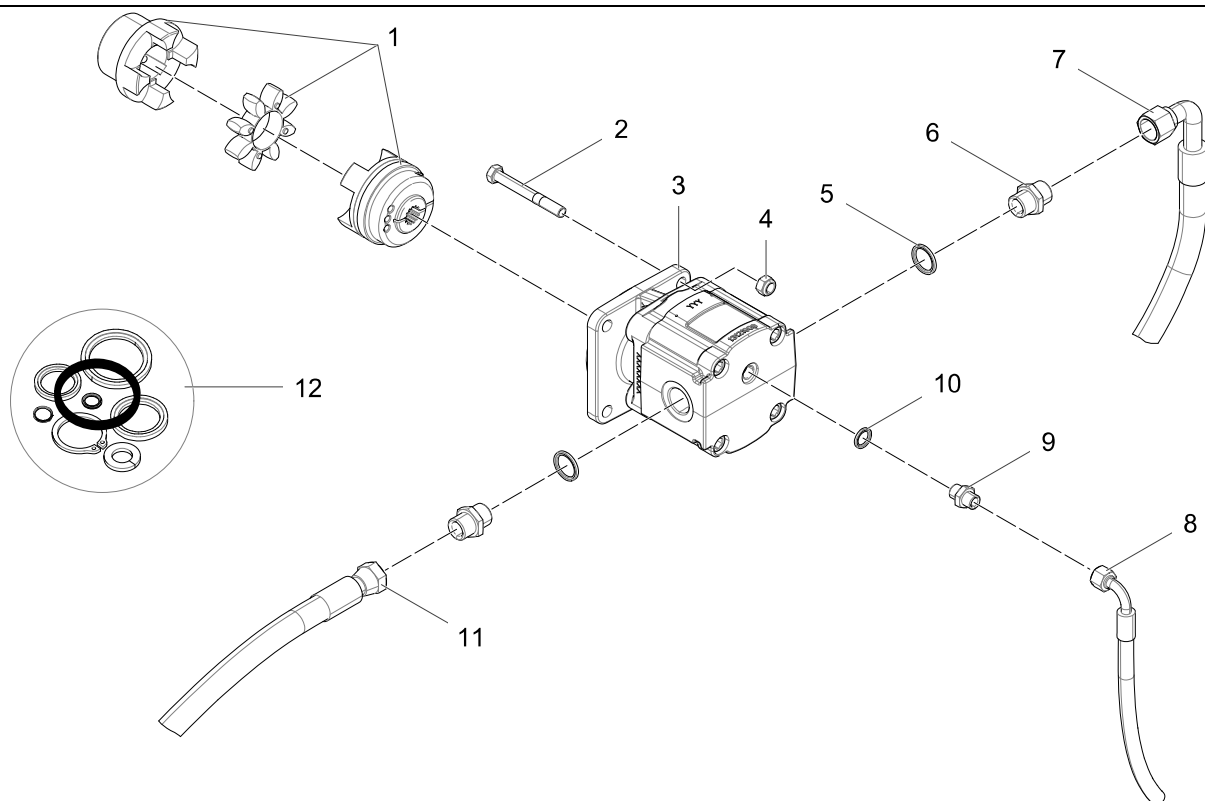


## 04-10

## VIBRATOR NON DRIVE SIDE SHAFT ASM

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	2230-1287	4	SCREW HEX M20X45 BS3690 GR8.8	
2	2212-3006	4	WASHER M20 ANTI VIB	
3	629-270	2	NEGATIVE WEIGHT 12MM	
4	TC001-005-016	1	DRIVEN SHAFT	
5	629/157	1	BEARING SPACER DRIVE SIDE	
6	2218-1102	4	HELICOIL M16 X 2-24MM FREERUN	
7	325/20	2	SCREW HEX M16X35	
8	2212-3005	2	WASHER M16 ANTI VIB	
9	18HS39	2	RETAINING WASHER	
10	629/9	1	OIL FLINGER	
11	629/158	1	BEARING SPACER NONDRIVE SIDE	
12	18HS-50	1	KEY	
13	18HS54	1	DRIVE GEAR	



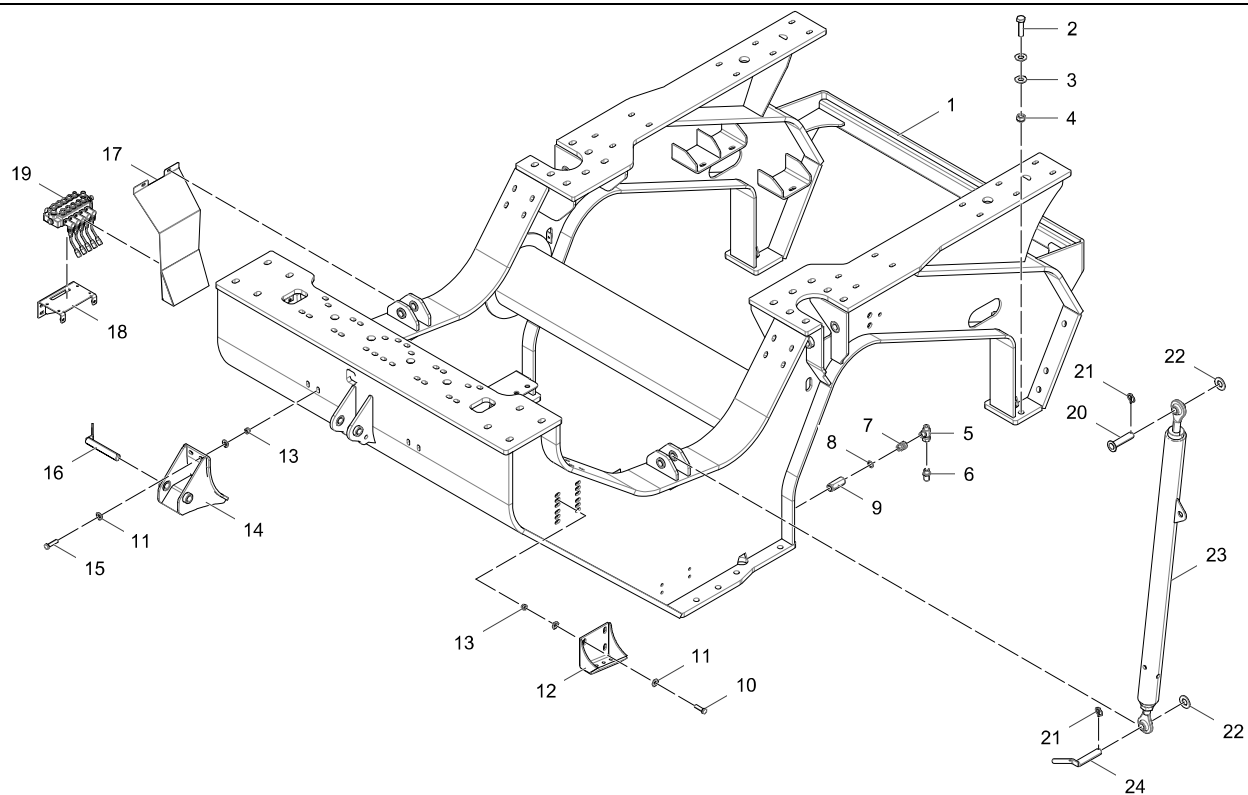


04-11

## VIBRATOR UNIT MOTOR ASM

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	15.35.0208	1	COMPLETE COUPLING (2 X HALF COUPLING, CAP SCREW AND SPIDER)	
2	2232-1139	4	BOLT HEX M12X100 BS3692 GR8.8	
3	10.25.8071	1	MOTOR	SEE ITEM 12 FOR SEAL KIT
4	2217-0005	4	NUT PHILIDAS MKV M12 12MCV/8	
5	10.12.0027	2	3/4" BONDED SEAL	
6	10.01.1118	2	3/4 X 3/4 M/M ADAPTOR	
7	TC01208-034	1	VGf MOTOR RTN -> VGf RTN BH	
7	TC01208-012	1	FEEDER RETURN HOSE	
8	TC01208-035	1	VGf MOTOR DRAIN -> DRAIN BH	
8	TC01208-013	1	FEEDER CASE DRAIN HOSE	
9	10.01.1109	1	3/8X3/8 MALE/MALE ADAPTOR	
10	10.12.0025	1	3/8 BONDED SEAL	
11	TC01208-033	1	VGf BH P -> VGf MOTOR P	
11	TC01208-011	1	FEEDER PRESSURE HOSE	
12	10.19.8052	1	SEAL KIT: MC 2200	





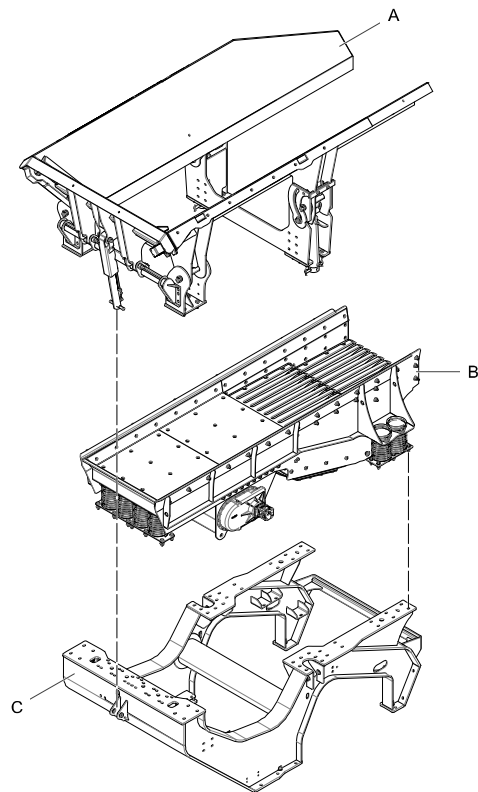


04-12

## HOPPER, FEEDER BED, PRESSCREEN BASE ASM

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	TC012-008-001	1	CHASSIS - FEEDER FRAME - MWA	
2	2232-1353	8	BOLT HEX M24X90 BS3692 GR8.8	
3	2212-2008	16	WASHER HARDENEDM24BS4395	
4	2217-0011	8	NUT	
5	15860103	4	ADAPTOR 3/4" X 3/4" MMF TEE	
6	10.03.1118	6	3/4 X 3/4 X 2" BULK HEAD	
7	10.01.1218	2	3/4 X 3/4 M/F SWIVEL ADAPTOR	
8	2500-1021	4	BONDED SEAL 3/4" BSP	
9	10.16.5060	2	3/4 UC2304 NON RETURN VALVE 0.35 BAR	
10	2232-7205	4	M16-2.00 X 55 ZINC HEX HEAD BOLT GR 8.8	
11	2212-1005	16	M16 ZINC HARDENED WASHER BS 4395	
12	TC012-006-127	1	TRANSPORT BRACKET	
13	2217-0670	8	M16 X 2 NYLOC NUT	
14	TC012-008-043	1	TRANSPORT BRACKET FAB	
15	2232-7207	4	M16-2.00 X 65 ZINC HEX HEAD BOLT GR 8.8 DIN931	
16	381510210	1	PIN	
17	TC012-008-039	1	DECAL PLATE	
18	TC012-008-037	1	CONTROL VALVE MTG PLATE	
19	19-ASSEMBLY	1	FOR REFERENCE ONLY	SEE FIGURES 13-03-05 TO 13-03-06
20	380310140	2	380310140 PIN	UPTO SERIAL NO. PIDPT600EOMI15982, ECO20613
20	TC012-008-102	2	EN8 PIN	FROM SERIAL NO. PIDPT600EOMI15983, ECO20613
21	2294-0015	4	LINCH PIN	FROM SERIAL NO. PIDPT600EOMI15983, ECO20613
22	2210-0065	4	M33 ZINC FORM C WASHER BS 4320	FROM SERIAL NO. PIDPT600EOMI15983, ECO20613
23	TC012-008-080	2	BRACE MWA	FROM SERIAL NO. PIDPT600EOMI15983, ECO20613
24	381510150	2	381510150 PIN	UPTO SERIAL NO. PIDPT600EOMI15982, ECO20613
24	TC012-008-101	2	EN8 PIN	FROM SERIAL NO. PIDPT600EOMI15983, ECO20613



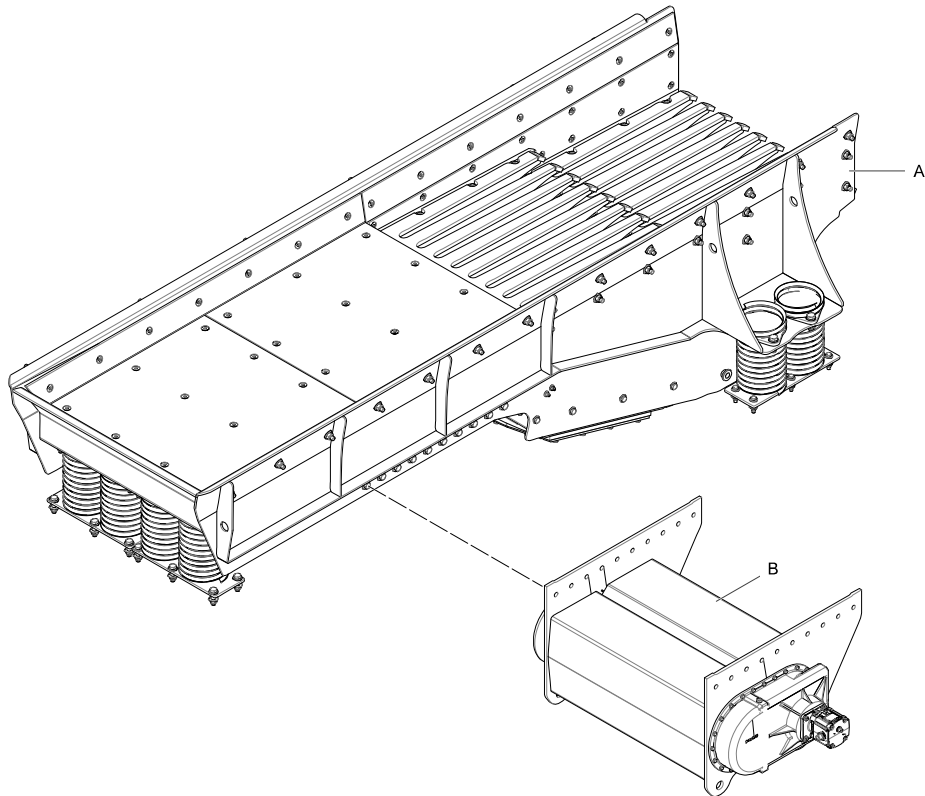


04-20

HOPPER AND VGF ASM

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	A-ASSEMBLY	1	FOR REFERENCE ONLY	SEE FIGURE 04-02 TO 04-03
2	B-ASSEMBLY	1	FOR REFERENCE ONLY	SEE FIGURE 04-21 TO 04-26
3	C-ASSEMBLY	1	FOR REFERENCE ONLY	SEE FIGURE 04-12



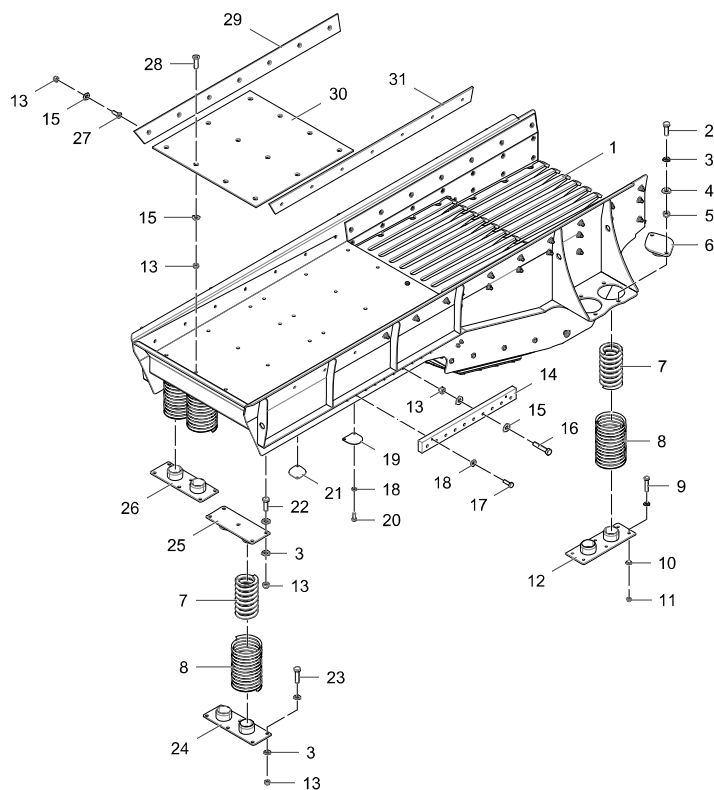


04-21

VGF AND VIBRATOR UNIT OVERVIEW

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	A-ASSEMBLY	1	FOR REFERENCE ONLY	SEE FIGURE 04-22 TO 04-23
2	B-ASSEMBLY	1	FOR REFERENCE ONLY	SEE FIGURE 04-24 TO 04-26





## 04-22 VGF ASM 1

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	1-ASSEMBLY	1	FOR REFERENCE ONLY	SEE FIGURE 04-23
2	2232-7349	8	M24-3.00 X 70 ZINC HEX HEAD BOLT GR 8.8 DIN931	
3	2212-1006	52	M20 ZINC HARDENED WASHER	
4	2212-1008	8	M24 ZINC HARDENED WASHER BS 4395	
5	2217-0674	8	M24 X 3NYLOC NUT	
6	TC012-005-044	4	UPPER SPRING MTG	
7	12.11.0080	8	1-1/16" X7" X 13-1/2" SPRING RE:08047A06	
8	AX871-801-001	8	FEEDER SPRING COVER	
9	2232-7209	12	M16-2.00 X 75 ZINC HEX HEAD BOLT GR 8.8 DIN931	
10	2212-1005	24	M16 ZINC HARDENED WASHER BS 4395	
11	2217-0670	12	M16 X 2 NYLOC NUT	
12	TC012-005-045	2	SPRING SEAT PLATE W.A.	
13	2217-0672	80	M20-2.50 ZINC NYLON INSERT LOCK NUT	
14	TC012-005-022	2	MECHANISM SPACER	NOW WELDED IN PLACE, PART OF ITEM 27, FIGURE 04-23, FROM SERIAL NO. PIDPT600LOMHA5390, ECO 20557.
15	26.15.00020	78	M20 HARDENED WASHER	
16	2232-7286	20	M20-2.50 X 100 ZINC HEX HEAD BOLT GR 8.8 DIN931	
17	2232-7126	4	M12-1.75 X 35 ZINC HEX HEAD BOLT GR 8.8	
18	2210-0056	28	M12 WASHER TYPE C	
19	TC012-005-032	2	FEEDER UNDERSIDE COVER PLATE	
20	2230-3151	24	M12-1.75 X 30 ZINC HEX HEAD SET SCREW GR 8.8	
21	1175.05.48	10	1175.05.48	
22	2232-7278	10	M20-2.50 X 60 ZINC HEX HEAD BOLT GR 8.8 DIN931	
23	2232-7281	12	M20-2.50 X 75 ZINC HEX HEAD BOLT GR 8.8 DIN931	
24	TC012-005-047	1	SPRING SEAT PLATE W.A.	
25	TC012-005-023	2	SPRING SEAT PLATE W.A.	



04-22 VGF ASM 1

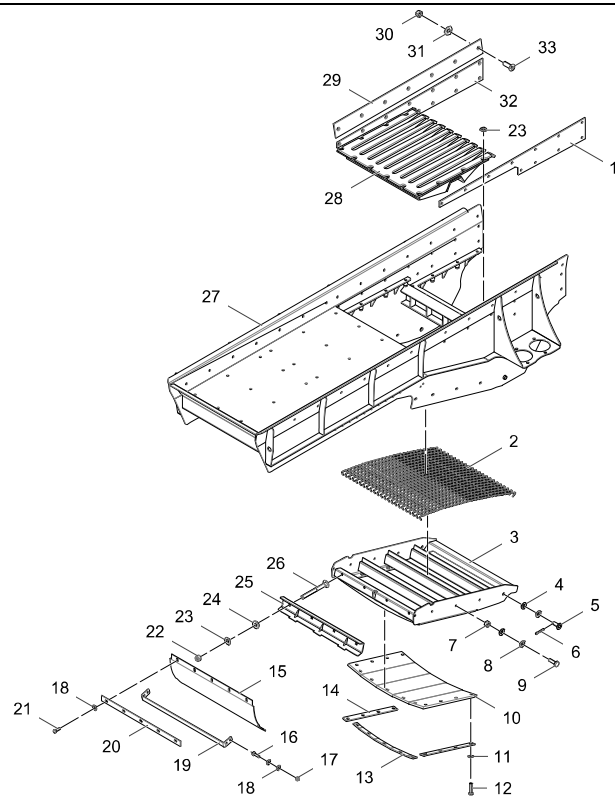
ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
26	TC012-005-046	1	SPRING SEAT PLATE W.A.	
27	2226-2891	14	M20-2.50X60 ZINC SOCKET HEAD COUNTERSUNK SET SCREW	
28	2226-2893	24	M20-2.50X70 ZINC SOCKET HEAD COUNTERSUNK SET SCREW GR 10.9	
29	TC012-005-033	1	LHS REAR LINER PLATE	
30	TC012-005-030	2	PAN LINER	REPLACED BY ITEM 30, PART NO. TC012-005-031, ECO19289
30	TC012-005-031	2	PAN LINER	DIRECT REPLACEMENT FOR ITEM 30, PART NO. TC012-005-030, ECO19289
31	TC012-005-034	1	RHS REAR LINER PLATE	





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04-23

## VGF ASM 2

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	TC012-005-037	1	SIDE LINER PLATE - RHS	
2	TC012-005-039	1	40MM MESH PHANTOM ASSEMBLY	
3	TC012-005-021	1	VGF MESH FRAME	
4	2212-1008	4	M24 ZINC HARDENED WASHER BS 4395	
5	380308070	2	PIN	
6	22010101	2	SPLIT PIN 63X8	
7	2215-9016	8	M16-2.00 HSFG HEX HEAD NUT	
8	2212-2005	16	WASHER HARDENED M16 BS4395	
9	2236-4204	8	BOLT & NUT HEX M16X50 HSFG BS4395	
10	TC012-005-025	1	RUBBER - BOTTOM VGF	
11	2210-0058	13	M16 ZINC FORM C WASHER	
12	2232-1207	13	BOLT HEX M16X65 BS3692 GR8.8	
13	TC012-005-024	1	CLAMP (B) - BOTTOM VGF	
14	TC012-024-020	2	CLAMP (A) - BOTTOM SCREENBOX	
15	TC012-005-028	1	REAR BLANKING RUBBER	
16	2230-3153	4	M12-1.75 X 40 ZINC HEX HEAD SET SCREW GR 8.8 DIN933	
17	2217-0668	4	M12-1.75 ZINC NYLON INSERT LOCK NUT	
18	2210-0056	14	M12 WASHER TYPE C	
19	TC012-005-040	1	RUBBER SUPPORT	
20	TC012-005-029	1	SEALING RUBBERCLAMP	
21	2232-7127	6	M12-1.75 X 40 ZINC HEX HEAD BOLT GR 8.8 DIN931	
22	2217-0702	4	M20-2.50 ZINC NYLON INSERT LOCK NUT GR 10.9	
23	2212-2006	24	WASHER HARDENED M20 BS4395	
24	1175.08.39	4	WASHER SPHERICAL 5/8" & 3/4	
25	TC012-005-038	1	MESH CLAMP	
26	2236-8291	4	BOLT CUP HEAD SQ. NECK M20 X 150MM	
27	TC012-005-020	1	VGF BODY WELDED ASSY	
28	TC012-005-027	2	PT600 VGF GRIZZLY SECTION (75MM NOM)	



04-23

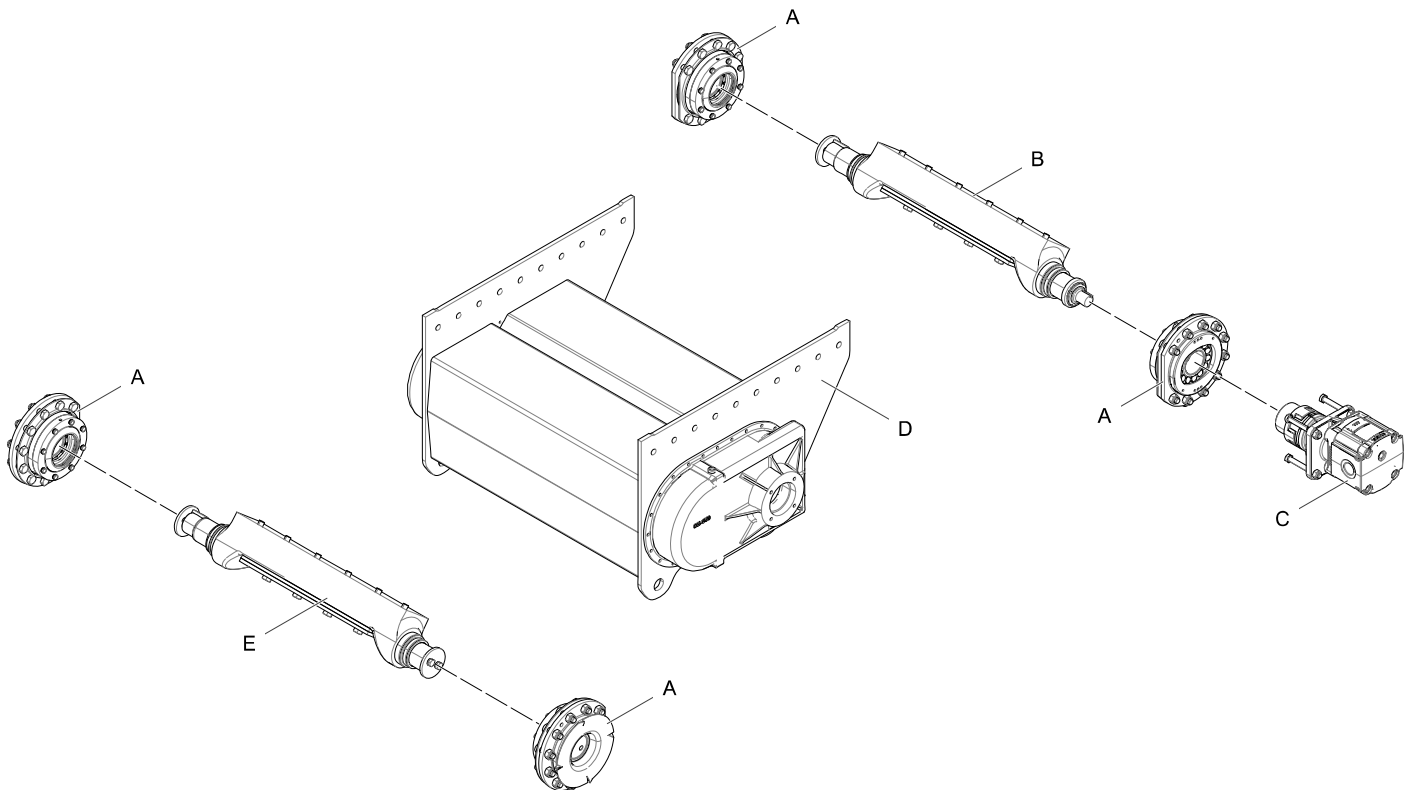
## VGF ASM 2

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
28	TC012-005-049	2	PT 600 VGF GRIZZLY SECTION (100MM NOMINAL)	OPTION
29	TC012-005-035	2	SIDE LINER PLATE - TOP	
30	2217-0672	36	M20-2.50 ZINC NYLON INSERT LOCK NUT	
31	26.15.00020	36	M20 HARDENED WASHER	
32	TC012-005-036	1	SIDE LINER PLATE - LHS	
33	2226-2891	36	M20-2.50X60 ZINC SOCKET HEAD COUNTERSUNK SET SCREW	



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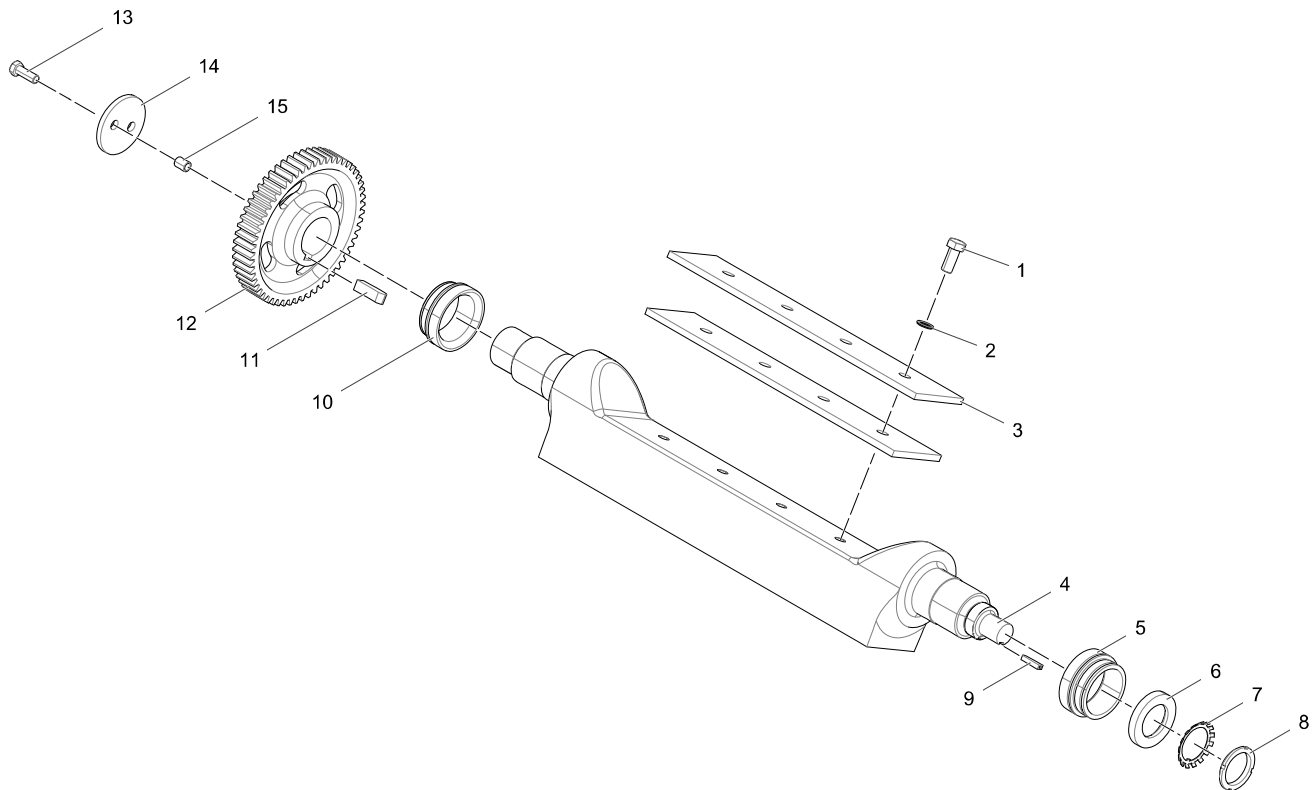


04-24

VIBRATORY UNIT OVERVIEW

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	A-ASSEMBLY	4	FOR REFERENCE ONLY	SEE FIGURE 04-08
2	B-ASSEMBLY	1	FOR REFERENCE ONLY	SEE FIGURE 04-25
3	C-ASSEMBLY	1	FOR REFERENCE ONLY	SEE FIGURE 04-11
4	D-ASSEMBLY	1	FOR REFERENCE ONLY	SEE FIGURE 04-07
5	E-ASSEMBLY	1	FOR REFERENCE ONLY	SEE FIGURE 04-26





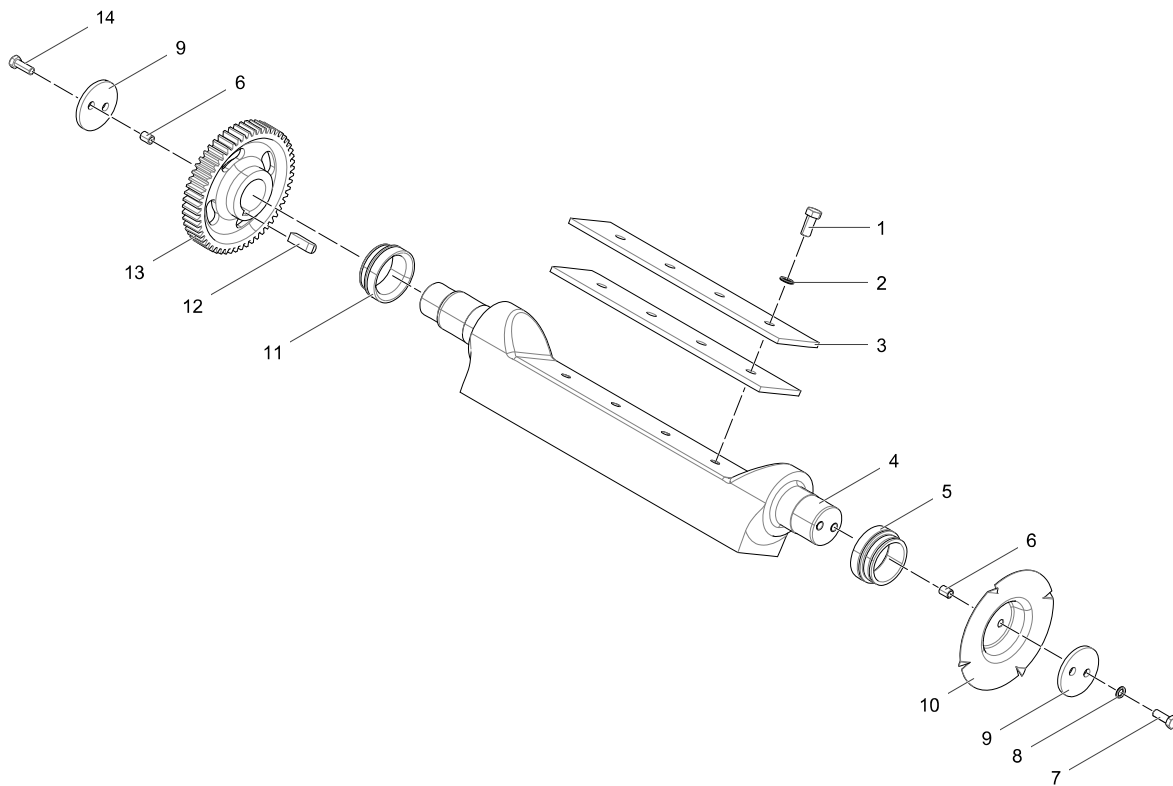


04-25

## VIBRATOR DRIVE SIDE SHAFT ASM

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	2230-1287	4	SCREW HEX M20X45 BS3690 GR8.8	
2	2212-3006	4	WASHER M20 ANTI VIB	
3	629-270	2	NEGATIVE WEIGHT 12MM	
4	629/155	1	DRIVE SHAFT	
5	629/157	1	BEARING SPACER DRIVE SIDE	
6	310/28	1	WASHER	
7	2212-8014	1	BRG LOCKWASHER	
8	2217-7014	1	NUT LOCK BRG	
9	331/58	1	KEY	
10	629/158	1	BEARING SPACER NONDRIVE SIDE	
11	18HS-50	1	KEY	
12	18HS54	1	DRIVE GEAR	
13	325/20	2	SCREW HEX M16X35	
14	18HS39	1	RETAINING WASHER	
15	2218-1102	2	HELICOIL M16 X 2-24MM FREERUN	





04-26

## VIBRATOR NON DRIVE SIDE SHAFT ASM

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	2230-1287	4	SCREW HEX M20X45 BS3690 GR8.8	
2	2212-3006	4	WASHER M20 ANTI VIB	
3	629-270	2	NEGATIVE WEIGHT 12MM	
4	629/154	1	DRIVEN SHAFT 180GP-42	
5	629/157	1	BEARING SPACER DRIVE SIDE	
6	2218-1102	4	HELICOIL M16 X 2-24MM FREERUN	
7	325/20	2	SCREW HEX M16X35	
7	2230-1222	2	M16X45 HEX HD SCREW BS 3692 GR. 8.8	
8	2212-3005	4	WASHER M16 ANTI VIB	
9	18HS39	2	RETAINING WASHER	
10	629/9	1	OIL FLINGER	
11	629/158	1	BEARING SPACER NONDRIVE SIDE	
12	18HS-50	1	KEY	
13	18HS54	1	DRIVE GEAR	
14	325/20	2	SCREW HEX M16X35	



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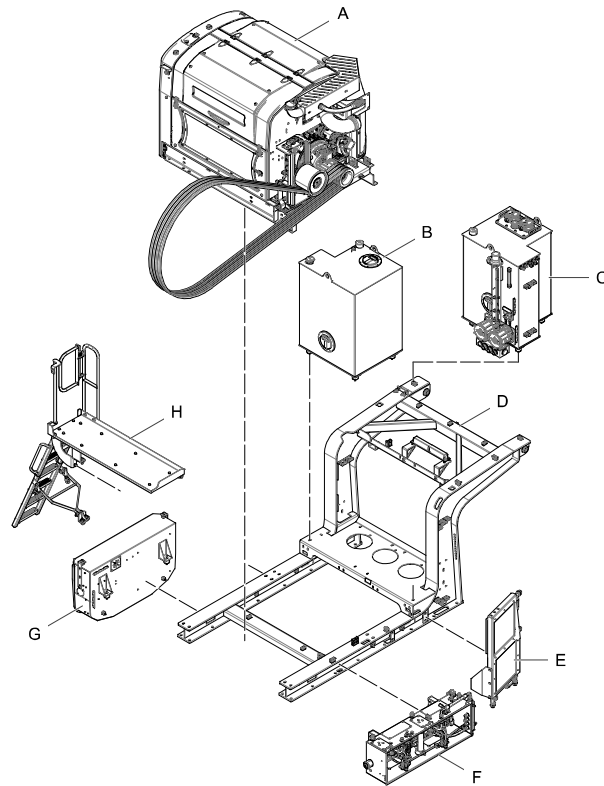
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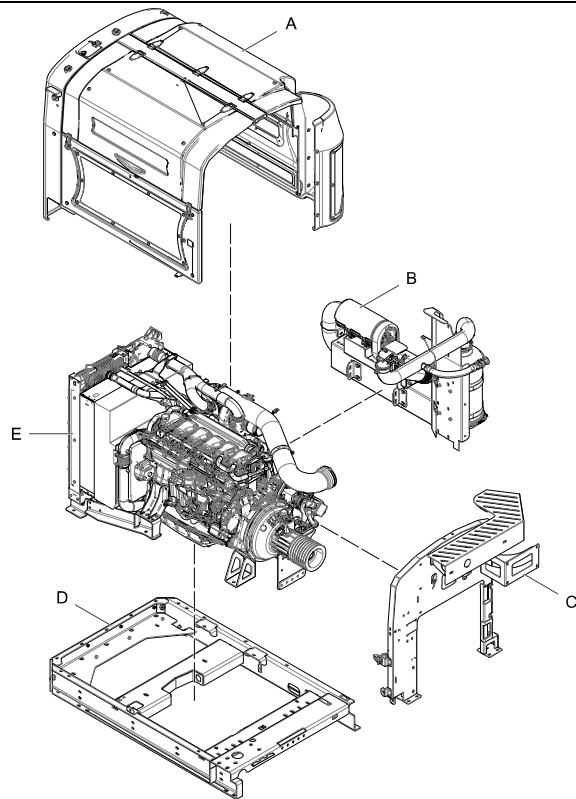


05-01

## TIER 4 FINAL SCANIA DC13 POWERUNIT OVERVIEW (DIRECT DRIVE)

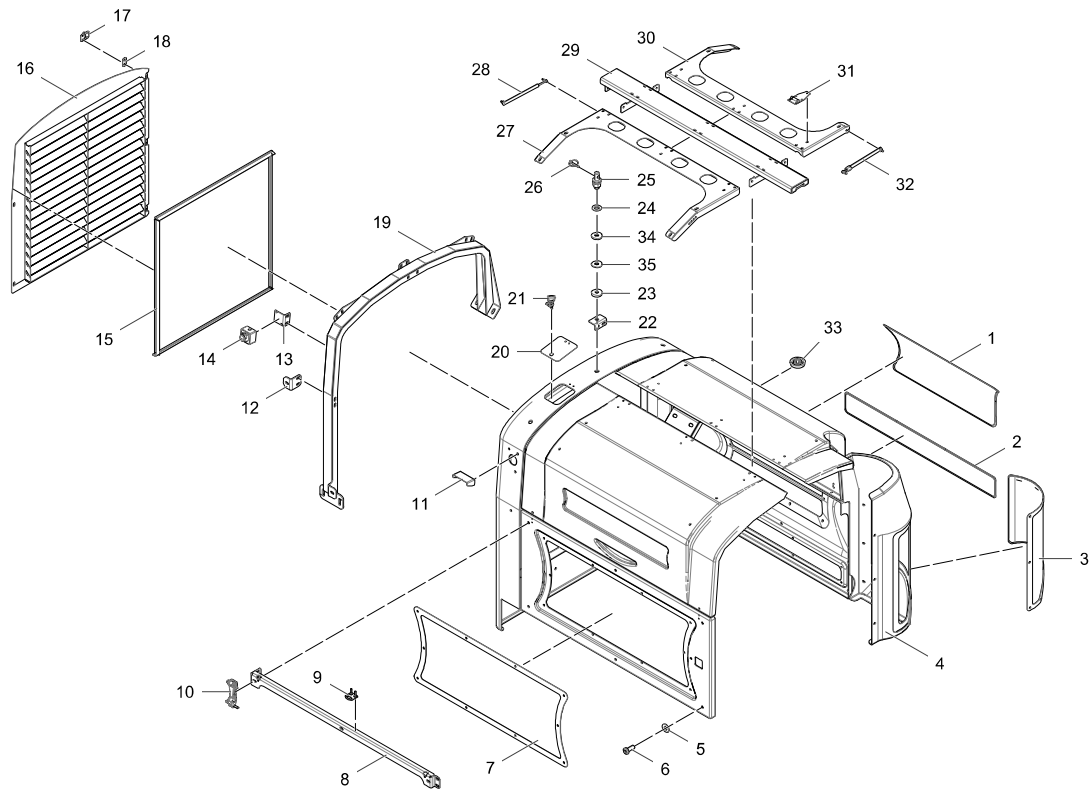
ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	A-ASSEMBLY	1	FOR REFERENCE ONLY	SEE FIGURE 05-02 TO 05-10
2	B-ASSEMBLY	1	FOR REFERENCE ONLY	SEE FIGURE 07-01
3	C-ASSEMBLY	1	FOR REFERENCE ONLY	SEE FIGURE 06-01 TO 06-03
4	D-ASSEMBLY	1	FOR REFERENCE ONLY	SEE FIGURE 05-11
5	E-ASSEMBLY	1	FOR REFERENCE ONLY	SEE FIGURE 13-04-06
6	F-ASSEMBLY	1	FOR REFERENCE ONLY	SEE FIGURE 14-13 TO 14-14
7	G-ASSEMBLY	1	FOR REFERENCE ONLY	SEE FIGURE 14-12
8	H-ASSEMBLY	1	FOR REFERENCE ONLY	SEE FIGURE 11-09 TO 11-10







ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	A-ASSEMBLY	1	FOR REFERENCE ONLY	SEE FIGURE 05-03
2	B-ASSEMBLY	1	FOR REFERENCE ONLY	SEE FIGURE 05-04 TO 05-05
3	C-ASSEMBLY	1	FOR REFERENCE ONLY	SEE FIGURE 05-06
4	D-ASSEMBLY	1	FOR REFERENCE ONLY	SEE FIGURE 05-07 TO 05-08
5	E-ASSEMBLY	1	FOR REFERENCE ONLY	SEE FIGURE 05-09



05-03

## TIER 4 FINAL AND CONSTANT SPEED SCANIA DC13 ENGINE ENCLOSURE ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	PTS-016-108	1	GRILL	
2	PTS-016-107	1	GRILL	
3	PTS-016-109	1	GRILL	
4	PTS-016-095	1	ENGINE ENCLOSURE - T4 COMPLETE GRP	
5	2210-0055	27	M10 ZINC FORM C WASHER BS 4320	
6	2224-2707	27	M12-1.75 X 30 ZINC BUTTON SOCKET HEAD SET SCREW	
7	PTS-016-106	1	GRILL	
8	PTS-016-102	1	BRACKET	
9	PTS-016-128	4	LOCKING TAB	
10	12.86.3033	4	BONNET FASTNER	
11	PTS-016-099	1	E-STOP COVER	
12	PTS-016-096	1	BRACKET	
13	PTS-016-104	1	ESTOP BRACKET	
14	14.02.0023	1	E STOP HEAVY DUTY	
15	20.15.0010	4	POWERUNIT DOOR EXTRUDED SEAL - FOR SPARES SUPPLY SEE PART CODE 65505135	SOLD BY METER
16	PTS-016-111	1	LOUVRE DOOR T4	
17	12.10.0050	4	HINGE	
18	PTS-016-112	3	HINGE SPACER	
19	PTS-016-093	1	SUPPORT STAND	
20	PTS-016-129	1	FILLER CAP ACCESS LID	
21	12.86.3029	1	WISE ACTION COMP LATCH	
22	PTS-016-097	3	PIN MTG PLT	
23	20.1540.03.02	3	DUST COVER RUBBER DISC	
24	2210-0060	3	M20 WASHER	
25	12.02.0040	3	3/4" UNF STABILISER PIN	
26	12.02.0009	3	6MM LINCH PIN ROUND	
27	PTS-016-098	1	GULL WING DOOR BRACE	
28	12.11.0043	2	GAS STRUT	
29	PTS-016-094	1	ENGINE ENCLOSURE - CROSS MEMBER MWA	



05-03

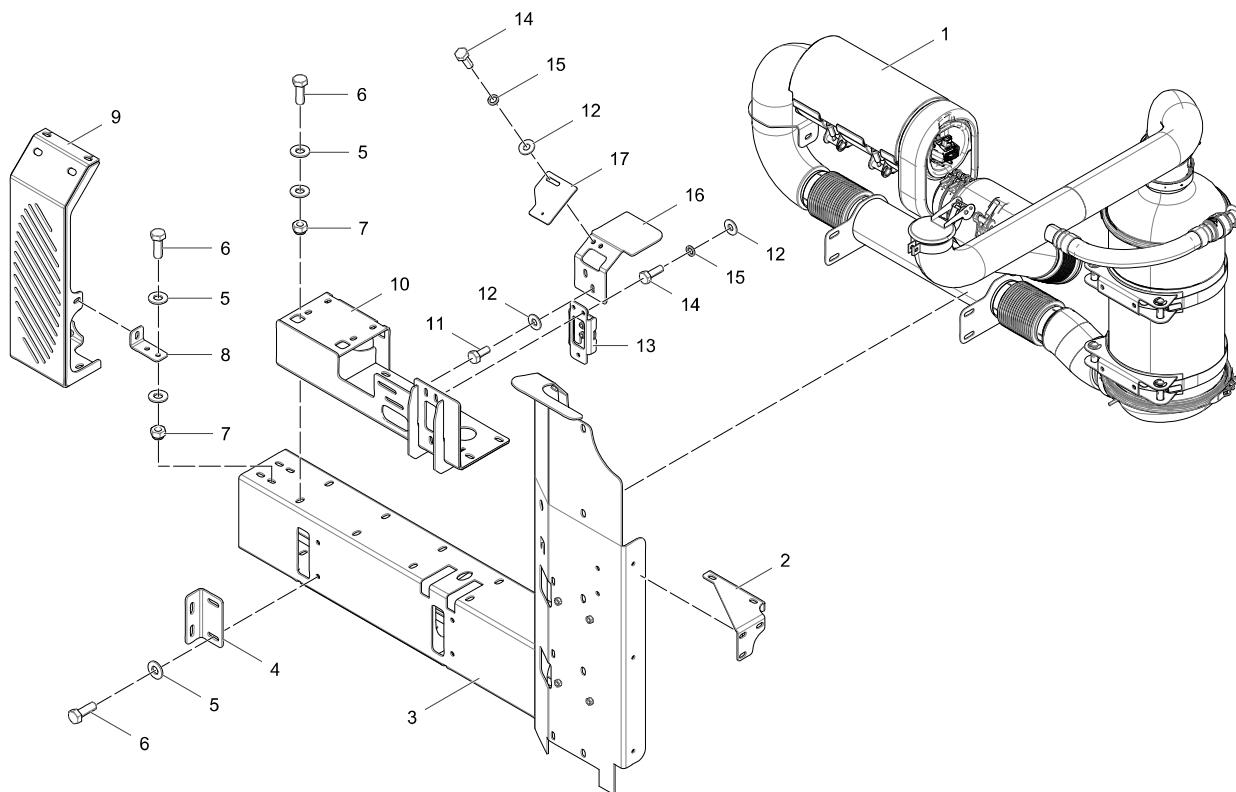
## TIER 4 FINAL AND CONSTANT SPEED SCANIA DC13 ENGINE ENCLOSURE ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
30	PTS-016-113	1	GULL WING DOOR BRACE	
31	12.10.0021	6	JAGGER 2216/005 S/STEEL HINGE	
32	12.11.0044	2	GAS STRUT	
33	14.40.0028	4	PUSH ON FOOT	
34	PTS-016-149	1	10MM RUBBER DISC	FROM SERIAL NO. PIDPT600COMG82726, ECO17294
35	PTS-016-148	1	8MM RUBBER DISC	FROM SERIAL NO. PIDPT600COMG82726, ECO17294



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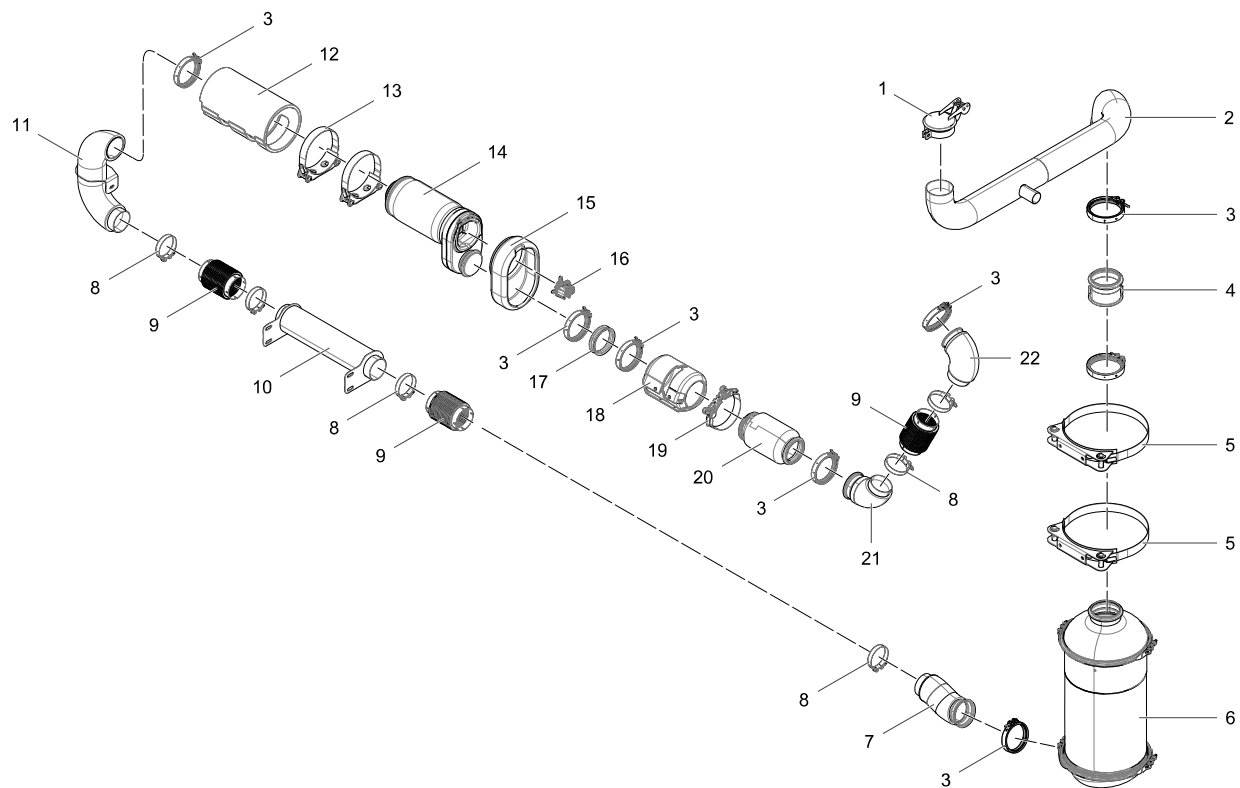


05-04

## TIER 4 FINAL SCANIA DC13 LOW TURBO EXHAUST ASSEMBLY AND MOUNTINGS

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	1-ASSEMBLY	1	FOR REFERENCE ONLY	SEE FIGURE 05-05
2	PTS-016-105	1	BRACKET	
3	PTS-016-090	1	TIER 4F LOW TURBO AFTER TREATMENT MNT	
4	PTS-012-140	2	EXHASUT STRAIGHT MNT PLT	
5	2210-0056	28	M12 WASHER TYPE C	
6	2230-3152	16	M12-1.75 X 35 ZINC HEX HEAD SET SCREW GR 8.8	
7	2217-0698	12	M12-1.75 ZINC NYLON INSERT LOCK NUT GR 10.9	
8	PTS-016-044	2	ANGLE SUPPORT	
9	PTS-016-092	1	SUPPORT STAND	
10	PTS-016-035	1	AFTERTREATMENT BASE SUPPORT	
11	2230-3121	2	M10-1.50 X 25 ZINC HEX HEAD SET SCREW GR 8.8	
12	2210-0055	7	M10 ZINC FORM C WASHER BS 4320	
13	PTS-016-048	1	DOC MTG PAD	
14	2230-3122	5	M10-1.50 X 30 ZINC HEX HEAD SET SCREW GR 8.8 DIN933	
15	2211-1007	5	M10 ZINC FORM A SPRING WASHER BS 4664	
16	PTS-011-046	1	UREA PIPE HEAT SHIELD	
17	PTS-012-141	1	HEAT SHIELD HOSE CLAMP PLT	





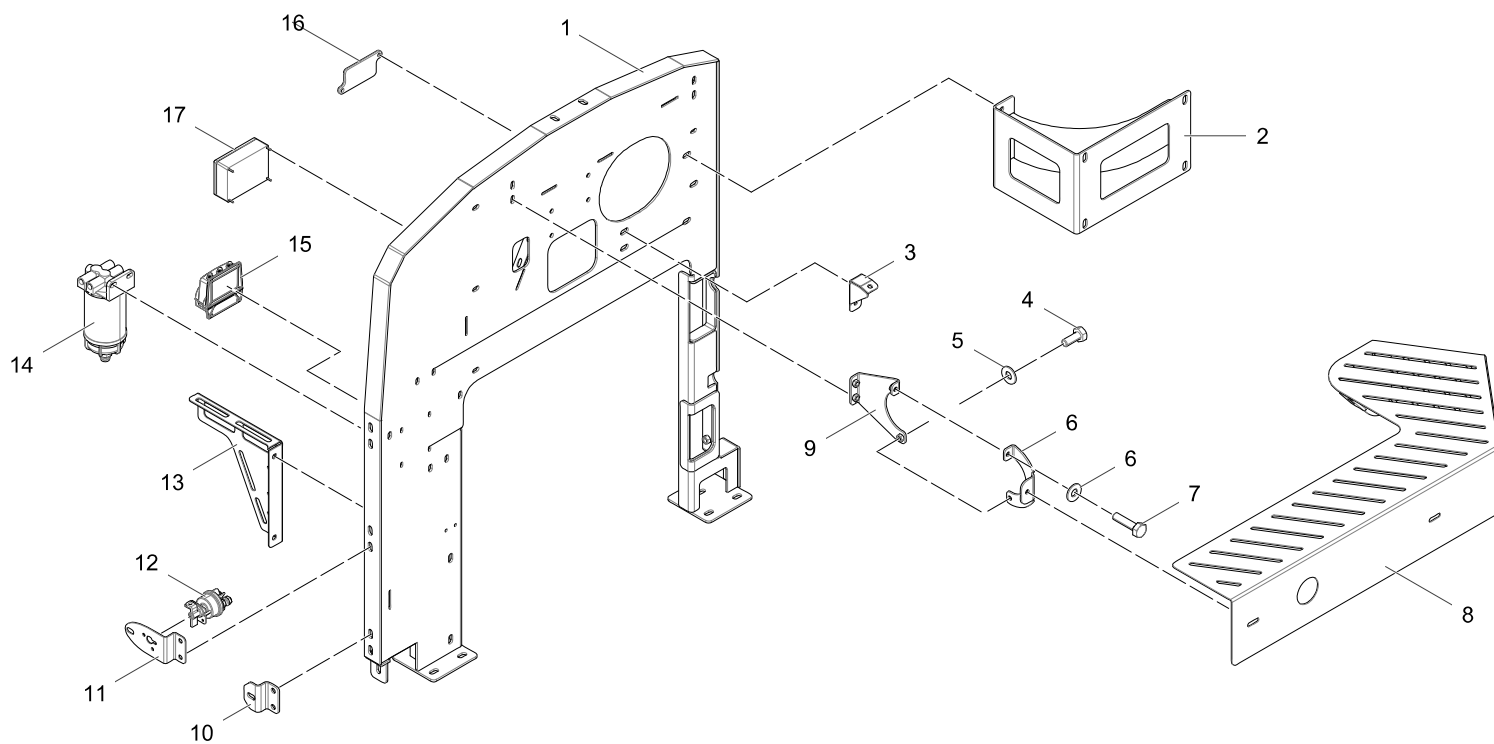


05-05

## TIER 4 FINAL SCANIA DC13 LOW TURBO EXHAUST ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	12.17.2080	1	4-1/2" RAIN CAP DINEX 98614	
2	PTS-016-057	1	PT600 T4 EXHAUST TAIL	
3	T107345	7	V-CLAMP	
4	PTS-000-011	1	NOX SENSOR PIPE	
5	PTS-000-010	2	SCR CATALYST BRACKET	
6	PTS-000-031C	1	SCR CAT DC09-DC13 276-331KW 90-ST ENDS	
7	PTS-016-040	1	SCR->BELLOWS	
8	12.17.0118	6	CLAMP	
9	PTS-011-011	3	BELLOW	
10	PTS-016-041	1	JOINT PIPE	
11	PTS-016-025	1	EVAPORATOR-OUTLET PIPE	
12	PTS-000-035-002	1	TIER 4 FINAL EVAPORATOR INSULATION PART 2	
13	PTS-001-168	2	EVAPORATOR BRACKET	
14	PTS-000-032	1	SCANIA TIER 4 FINAL EVAPORATOR - DC9 AND DC13	
15	PTS-000-035-001	1	TIER 4 FINAL EVAPORATOR INSULATION PART 1	
16	PTS-001-169	1	DOSING UNIT	
17	PTS-000-054	1	DOC TO EVAPORATOR CONNECTOR	
18	PTS-000-034	1	SCANIA DOC INSULATION	
19	PTS-000-012	1	DOC BRACKET	
20	PTS-000-009	1	SCANIA DOC	
21	PTS-016-026	1	BELLOW->DOC INLET PIPE	
22	PTS-016-027	1	TURBO OUTLET->BELLOW-PIPE	



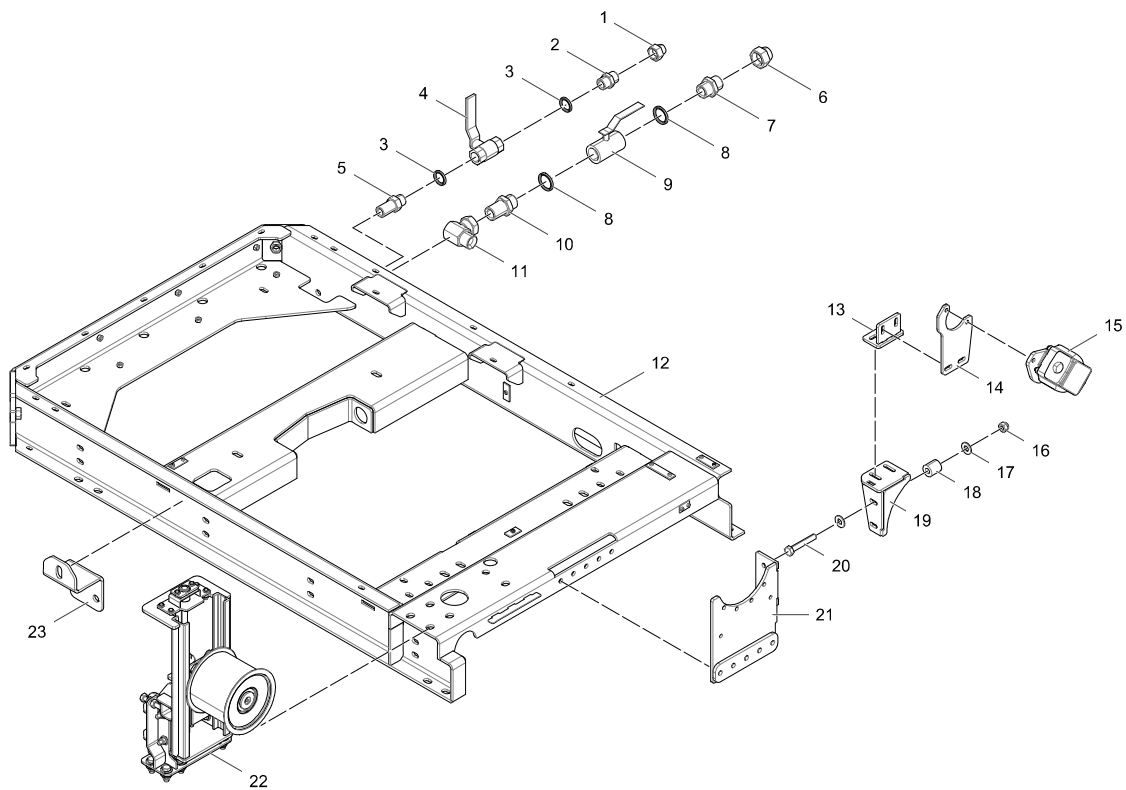


05-06

## TIER 4 FINAL SCANIA DC13 ENGINE BULKHEAD &amp; FITTINGS

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	PTS-016-091	1	BULKHEAD	
2	PTS-016-059	1	AIR FILTER SUPPORT	
3	PTS-016-063	1	AIR INTAKE CLAMP BRACKET	
4	2230-3121	2	M10-1.50 X 25 ZINC HEX HEAD SET SCREW GR 8.8	
5	2210-0055	4	M10 ZINC FORM C WASHER BS 4320	
6	TC005-017-172	2	EXHAUST CLAMP	
7	2232-7093	2	M10-1.50 X 40 ZINC HEX HEAD BOLT GR 8.8 DIN931	
8	PTS-016-061	1	EXHAUST COVER	
9	PTS-016-060	2	4.5" EXHAUST CLAMP	
10	PTS-016-101	1	BRACKET	
11	PTS-016-100	1	MNT PLT	
12	2481-1029	1	BATTERY ISOLATOR SWITCH	
13	TC011-017-123	1	CABLE SUPPORT BRACKET	
14	14-ASSEMBLY	1	FOR REFERENCE ONLY	SEE FIGURE 13-04-01
15	60505527	1	QPRO MODEM BRAZIL	REPLACED BY ITEM 15, PART NO. 60502771, ECO17909
15	60505525	1	QPRO MODEM USA	USA
15	60505526	1	QPRO MODEM CANADA	REPLACED BY ITEM 15, PART NO. 60505525, ECO17909
15	60502771	1	QPRO MODEM ROW	REST OF WORLD, UPTO SERIAL NO. PIDPT600EOMI15982, ECO17464
16	PTS-000-025	2	NOX SENSOR	
17	60522024	1	FUSE / RELAY BOX	FROM SERIAL NO. PIDPT600EOMI15983, ECO17464



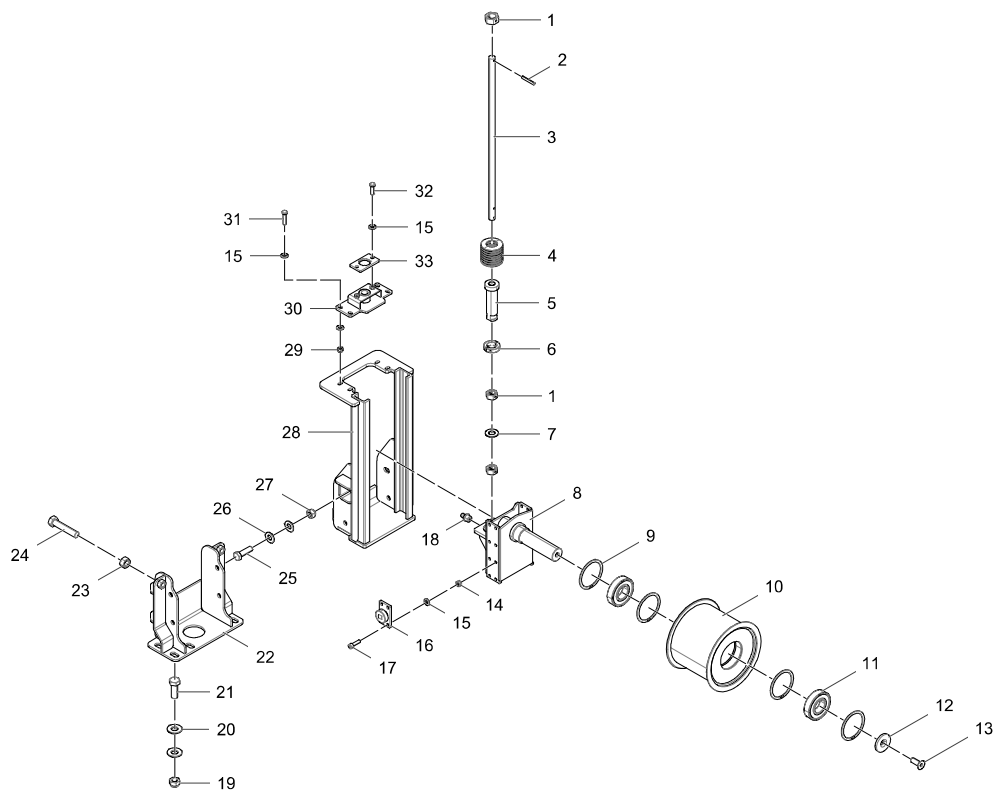


05-07

## TIER 4 FINAL AND CONSTANT SPEED SCANIA DC13 POWERUNIT FRAME AND FITTINGS

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	10.08.0014	1	1/2 FEM. BLANKING CAP ACFB08	
2	10.01.1114	1	1/2" X 1/2" M/M ADAPTOR	
3	10.12.0026	2	1/2" BONDED SEAL	
4	10.16.0048	1	1/2" LOW PRESSURE BALL VALVE	
5	10.03.1114	1	1/2 X 1/2 X 1 1/2 BULK HEAD AD	
6	10.08.0018	1	3/4 FEM. BLANKING CAP	
7	10.01.1118	1	3/4 X 3/4 M/M ADAPTOR	
8	10.12.0027	2	3/4" BONDED SEAL	
9	2550-1005	1	3/4 LOW PRESSURE BALL VALVE	
10	10.03.1118	1	3/4 X 3/4 X 2" BULK HEAD	
11	1920376	1	3/4" X 3/4" 90 DEG M/F BLOCK BEND	
12	PTS-016-054	1	POWERUNIT FRAME MWA	
13	PTS-001-254	1	PUMP SUPPORT BRACKET 3	
14	PTS-001-257	1	PUMP END PLATE - 1000SR	
15	15-ASSEMBLY	1	FOR REFERENCE ONLY	SEE FIGURE 13-04-02
16	2217-0668	6	M12-1.75 ZINC NYLON INSERT LOCK NUT	
17	2210-0056	12	M12 WASHER TYPE C	
18	PTS-001-201	6	M12 BOLT TENSIONING BOSS	
19	PTS-001-253	1	PUMP SUPPORT BRACKET 2	
20	2230-3160	6	M12-1.75 X 75 ZINC HEX HEAD SET SCREW GR 8.8 DIN933	
21	PTS-016-058	1	CLUTCH SUPPORT ASM	
22	22-ASSEMBLY	1	FOR REFERENCE ONLY	SEE FIGURE 05-08
23	PTS-016-103	1	BRACKET	





05-08

## TIER 3, TIER 4 AND CONSTANT SPEED DRIVE BELT TENSIONER ASM

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	2215-0022	3	NUT HEX M30 BS3692 GR8	
2	38.50.08050	3	DIA8X50 ROLL PIN	
3	TC012-017-022	1	TENSIONER ADJUSTER BAR	
4	12.11.0108	1	DISC SPRING	
5	TC012-017-029	1	TENSIONER SLEEVE	
6	13.15.0001	1	SPLIT SHAFT COLLAR	
7	2210-0064	1	M30 BRIGHT WASHER FORM C	
8	TC012-017-021	1	TENSIONER CARRIAGE	
9	12.00.0167	4	140MM INTERNAL CIRCLIP	
10	TC005-017-017	1	IDLER PULLEY MWA	
11	11.00.5000	2	BALL BEARING	
12	1312.10.110.01	1	LAYSHAFT KEEPER PLT	
13	2226-2889	1	M20-2.50X50 ZINC SOCKET HEAD COUNTERSUNK SET SCREW GR 10.9	
14	2217-0698	16	M12-1.75 ZINC NYLON INSERT LOCK NUT GR 10.9	
15	2210-0056	26	M12 WASHER TYPE C	
16	TC005-017-195	4	BEARING FABRICATION	
17	2222-0188	4	CAPSCREW M12X40 BS4168 GR12.9	
18	28.18.0800	1	1/8 BSP GREASE NIPPLE	
19	2217-0674	6	M24 X 3NYLOC NUT	
20	2212-1008	12	M24 ZINC HARDENED WASHER BS 4395	
21	2230-1353	6	SCREW HEX M24X65 BS3692 GR8.8	
22	TC012-017-031	1	ADJUSTER MOUNTING BRACKET	
23	2215-0020	2	NUT HEX M24 GR8	
24	2230-3362	2	M24-3.00 X 120 ZINC HEX HEAD SET SCREW GR 8.8 DIN933	
25	2232-1279	4	BOLT HEX M20X65 BS3692 GR8.8	
26	2212-1006	8	M20 ZINC HARDENED WASHER	
27	2217-0672	4	M20-2.50 ZINC NYLON INSERT LOCK NUT	
28	TC012-017-020	1	TENSIONER MAST	



05-08

TIER 3, TIER 4 AND CONSTANT SPEED DRIVE BELT TENSIONER ASM

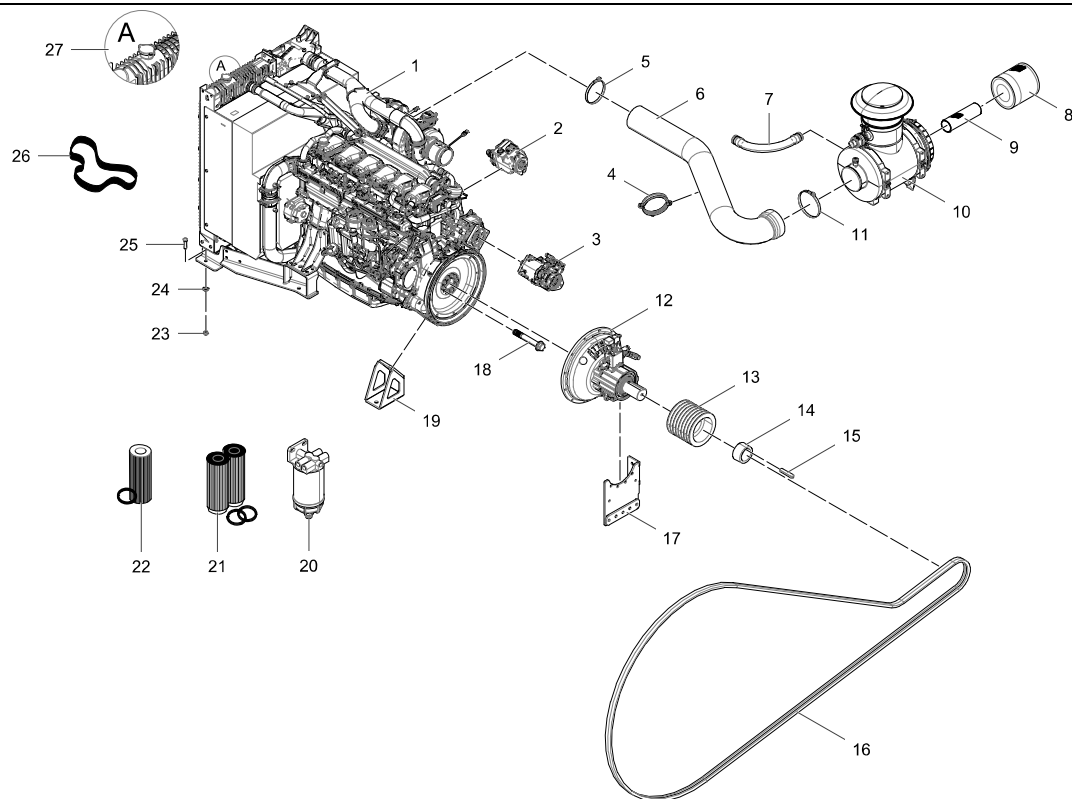
ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
29	2217-0668	4	M12-1.75 ZINC NYLON INSERT LOCK NUT	
30	TC012-017-030	1	ADJUSTER SUPPORT	
31	2232-7129	4	M12-1.75 X 50 ZINC HEX HEAD BOLT GR 8.8	
32	2232-1127	2	BOLT HEX M12X40 BS3692 GR8.8	
33	TC005-017-029	1	LOCKER PLATE	





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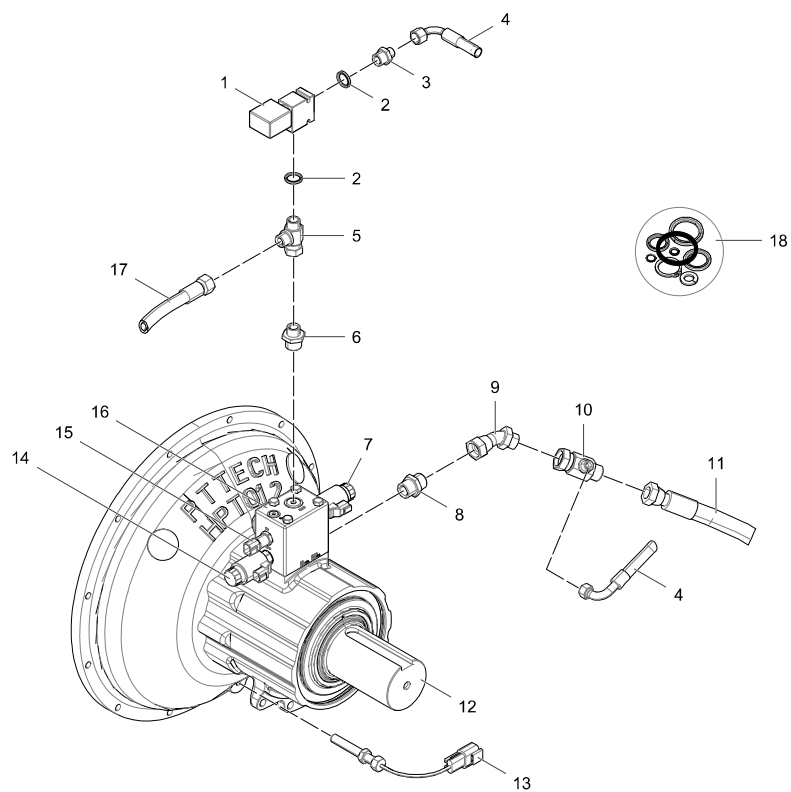


05-09

## TIER 4 FINAL SCANIA DC13 ENGINE ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	15.04.3165	1	SCANIA DC13 084A 331KW TIER 4 FINAL ENGINE	
2	2-ASSEMBLY	1	FOR REFERENCE ONLY	SEE FIGURE 13-04-03
3	3-ASSEMBLY	1	FOR REFERENCE ONLY	SEE FIGURE 13-04-04
4	15.31.0138	1	RUBBER LINED CLAMP	
5	T127966	1	FLEX-GEAR HD CT CLAMP 159MM TO 181MM	
6	PTS-016-056	1	AIR INTAKE PIPE	
7	PTS-016-064	1	T4F - SCAVENGE HOSE	
8	15.07.1003	1	AIR CLEANER 15"	
9	15.07.1004	1	SAFETY CARDRIDGE 15"	
10	PTS-000-014	1	AIR FILTER	
11	T127967	1	FLEX-GEAR HD CT CLAMP 184MM TO 206MM	
12	12-ASSEMBLY	1	FOR REFERENCE ONLY	SEE FIGURE 05-10 AND 05-12 TO 05-19
13	13.02.6043	1	T/L PULLEY	
14	13.04.9210	1	TAPERLOCK BUSH	
15	2432-2445	1	KEY 25X14X120 RBE	
16	13.01.3604	4	2 BAND SPC 8100 REDPOWER BELT	
17	PTS-016-058	1	CLUTCH SUPPORT ASM	
18	PTS-000-023	10	FLYWHEEL MOUNTING BOLT	
19	PTS-001-022	2	SCANIA ENGINE MOUNT	
20	15.07.1031	1	DIESEL WATERTRAP FILTER ELEMENT	SEE FIGURE 13-04-01
21	15.07.1005	1	FUEL FILTER KIT	
22	15.07.1026	1	OIL FILTER KIT	
23	2217-0670	4	M16 X 2 NYLOC NUT	
24	2212-1005	4	M16 ZINC HARDENED WASHER BS 4395	
25	2230-3225	4	M16-2.00 X 60 ZINC HEX HEAD SET SCREW GR 8.8	
26	15.07.1015	1	POLY-V-BELT	
27	15.07.1057	1	RADIATOR CAP DC09 & DC13 2028388	

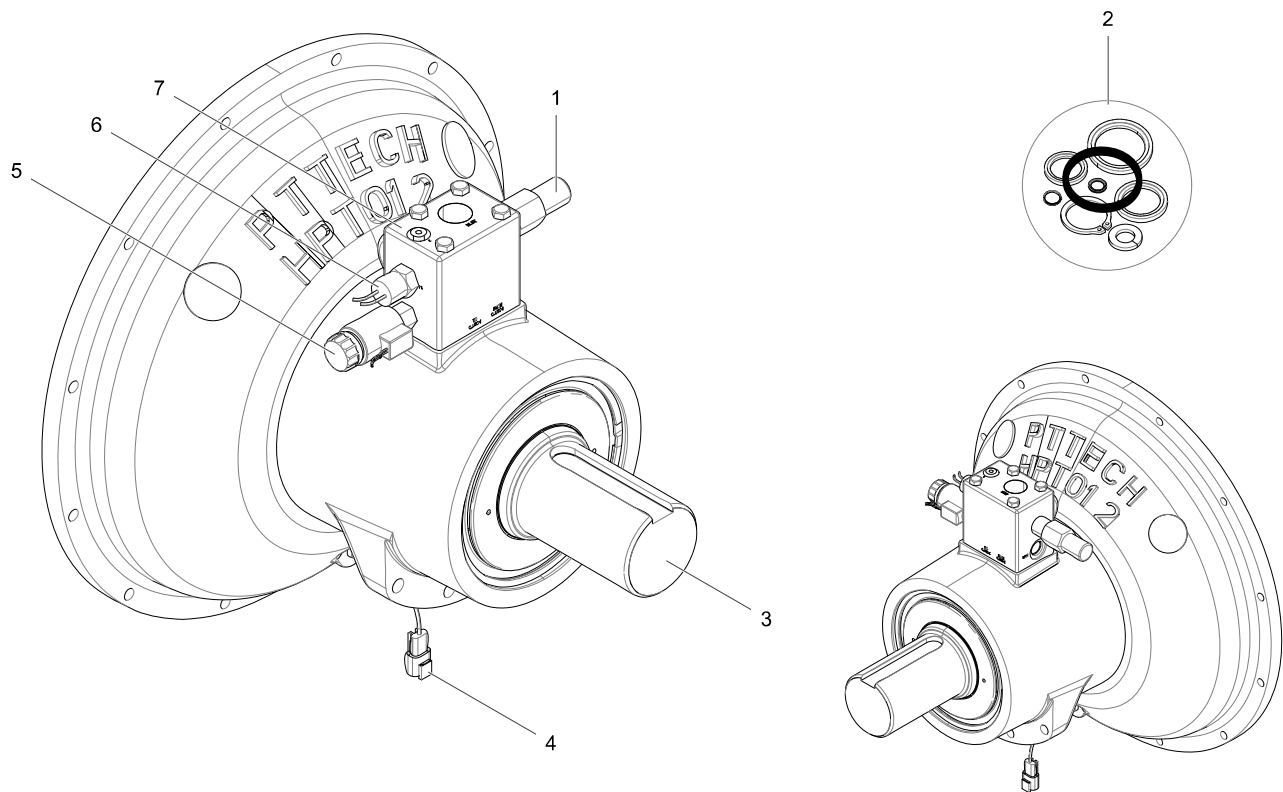




05-10 PT-TECH 12 DRY CLUTCH ASSEMBLY, HOSES AND FITTINGS UPTO SERIAL NO. PIDPT600EOMI15982

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	10.16.5714	1	SOLENOID VALVE 24VOLT	
2	10.12.0026	2	1/2" BONDED SEAL	
3	10.01.0003	1	3/8X1/2BSP M/M ADPT 1.5MMRES AMB06MB08	
4	TC01217-032	1	CLUTCH BYPASS -> TANK	
5	10.04.1214	1	1/2M X 1/2F X 1/2M TEE	
6	2520-6161	1	1/2"BSP X 3/4" SAE O-RING NIPPLE	
7	2451-9178	1	COIL 24V DC	
8	2520-6167	1	ADAPTOR 3/4" UNF C/W O-RING	
9	10.02.1215	1	3/4 X 3/4 M/F 45 DEG SWEPT	
10	10.04.1217	1	3/4"MX3/4"FX3/8"M TEE AT/MB12-FB12-MB06	
11	TC01217-033	1	CLUTCH BYPASS -> TANK LID	
12	2451-1609	1	PT TECH CLUTCH 12 DRY	
13	2451-9176	1	SPEED PICK UP	
14	2451-9180	1	SOLENOID VALVE	
15	2452-1611	1	PRESSURE TRANSDUCER	
16	65501467	1	MANIFOLD CLUTCH ASSEMBLY	
17	TC01217-031	1	RELIEF -> CLUTCH INLET	
18	18-ASSEMBLY	1	FOR REFERENCE ONLY	SEAL KIT FOR CLUTCH PART NO. 2451-1609 - SEE FIGURE 05-12 TO 05-18

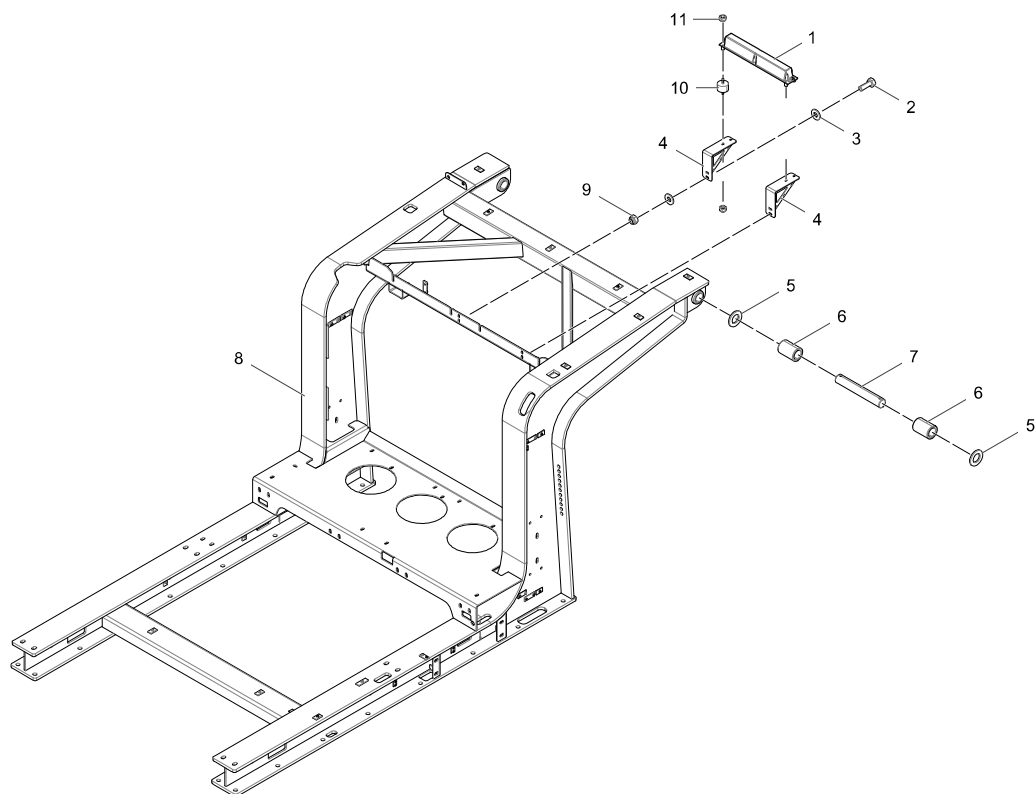




**05-10 PT-TECH 12 DRY CLUTCH ASSEMBLY, HOSES AND FITTINGS FROM SERIAL NO. PIDPT600EOMI15983**

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	2451-9178	1	COIL 24V DC	
1	2451-9179	1	PROPORTIONAL VALVE	
2	2-ASSEMBLY	1	FOR REFERENCE ONLY	SEE FIGURE 05-10 AND 05-12 TO 05-19
3	2451-1629	1	CLUTCH	
4	65505835	1	VR SPEED SENSOR - NEW TYPE	
5	2451-9180	1	SOLENOID VALVE	
6	2452-1611	1	PRESSURE TRANSDUCER	
7	65501467	1	MANIFOLD CLUTCH ASSEMBLY	







05-11

## TIER 3, TIER 4 AND CONSTANT SPEED POWERUNIT SUBFRAME ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	60526058	1	GLOBAL TRAKPAK 4000 AERIAL	
2	2230-3122	4	M10-1.50 X 30 ZINC HEX HEAD SET SCREW GR 8.8 DIN933	
3	2210-0055	8	M10 ZINC FORM C WASHER BS 4320	
4	TC012-001-081	2	ANTENNA MOUNT	
5	2210-2017	4	WASHER BLACK M39 BS4320 FORM E, SAME AS 31.12.0364	
6	AX896-447-001	4	COLLAR	
7	AX896-448-001	2	PIN.PROD CONV	
8	TC012-001-050	1	HORNS W.A.	
9	2217-0667	4	M10-1.50 ZINC NYLON INSERT LOCK NUT	
10	12.09.3005	4	ANTI-VIBE MOUNT 8 X 25MM	
11	2217-0666	8	NUT NYLOC M8X1.25	





1. Outer Dual Seal Kit incl End Plate



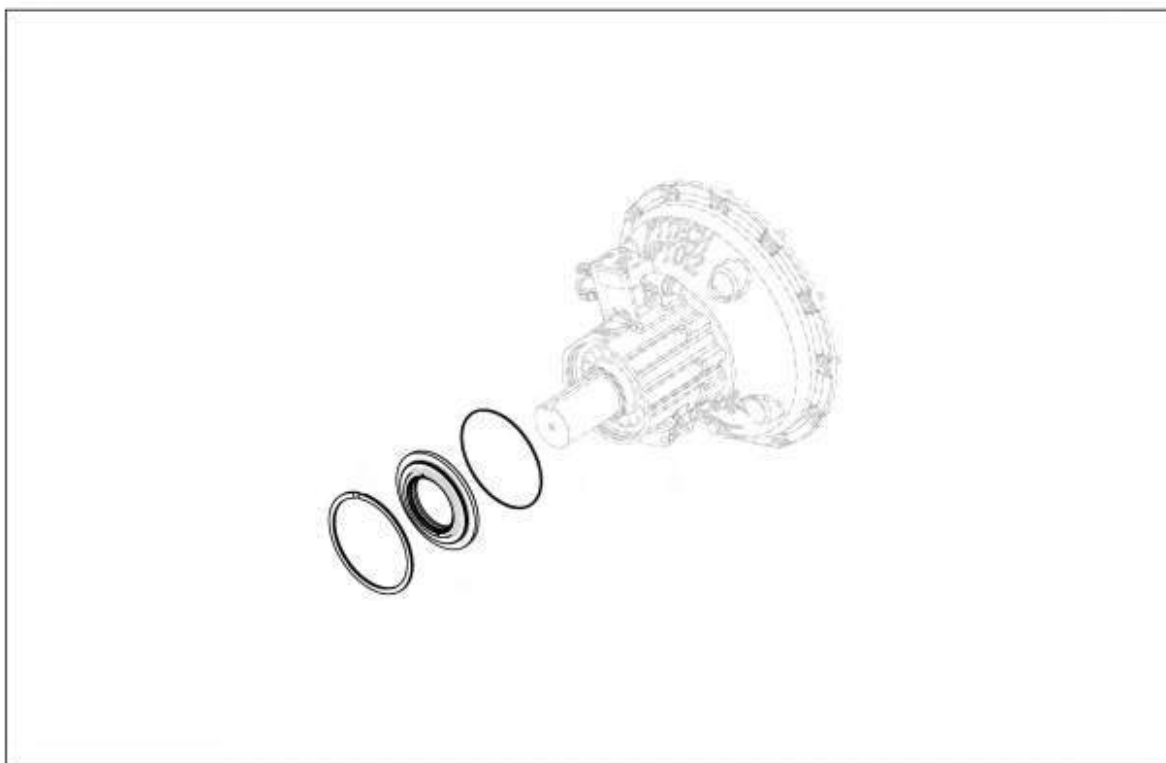
2. Outer Dual Seal Kit excl End Plate

05-12

OUTER DUAL SEAL KIT (PT TECH CLUTCH) UPTO SERIAL NO. PIDPT600EOMI15982

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	65502794	1	OUTER DUAL SEAL KIT INCL END PLATE	
2	65502795	1	OUTER DUAL SEAL KIT EXCL END PLATE	





05-12                      OUTER DUAL SEAL KIT INCL END PLATE (PT TECH CLUTCH) FROM SERIAL NO. PIDPT600EOMI15983

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	65502794	1	OUTER DUAL SEAL KIT INCL END PLATE	

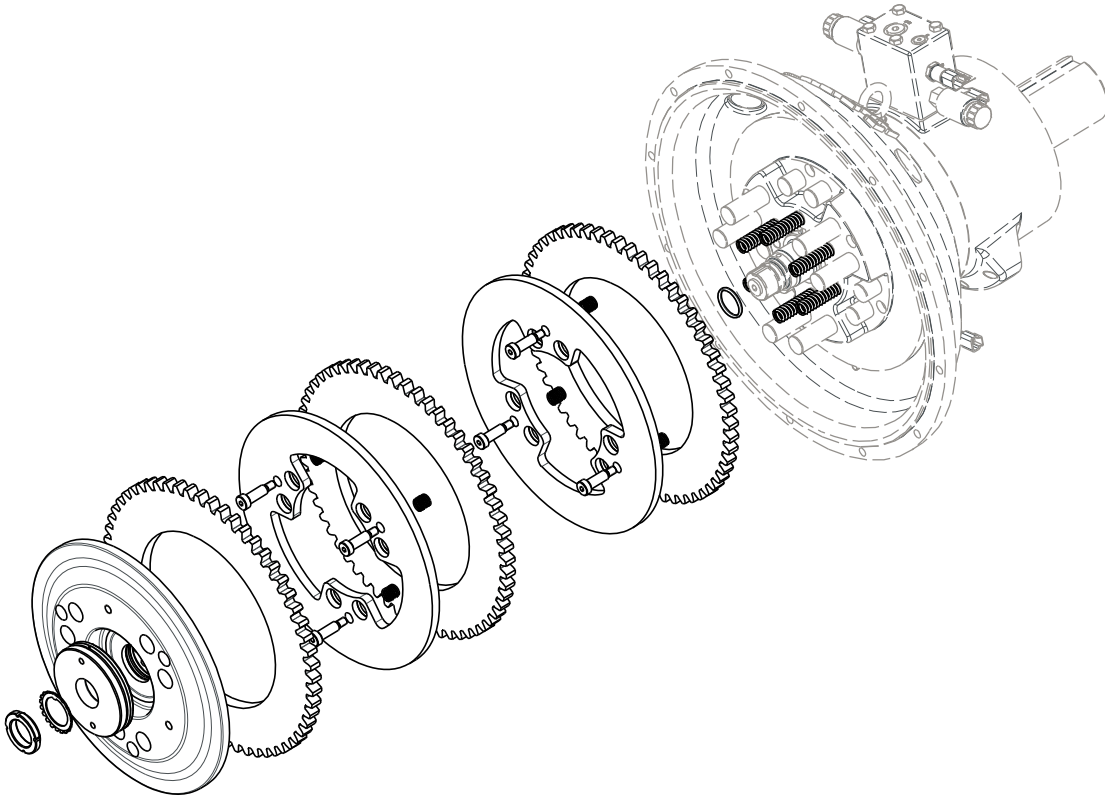




05-12                      OUTER DUAL SEAL KIT EXCL END PLATE (PT TECH CLUTCH) FROM SERIAL NO. PIDPT600EOMI15983

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	65502795	1	OUTER DUAL SEAL KIT EXCL END PLATE	





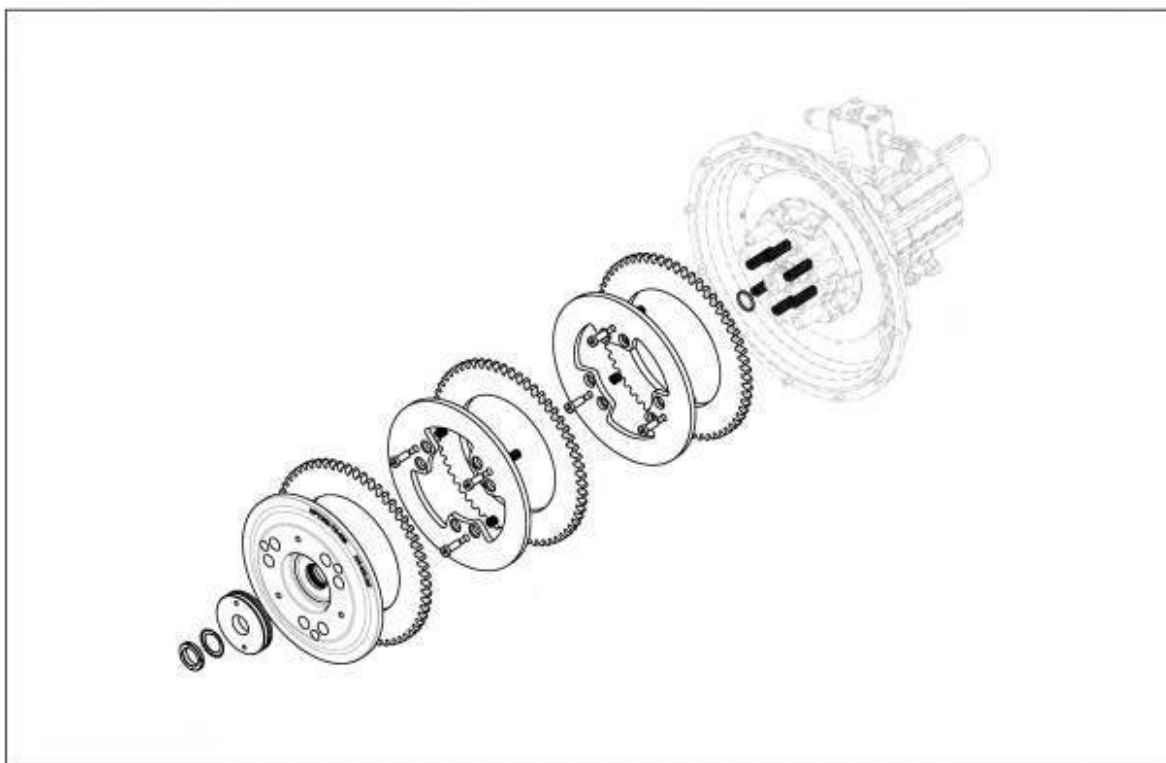


05-13

FRICTION DISC KIT (PT TECH CLUTCH) UPTO SERIAL NO. PIDPT600EOMI15982

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	2451-9170	1	FRICTION DISC KIT	



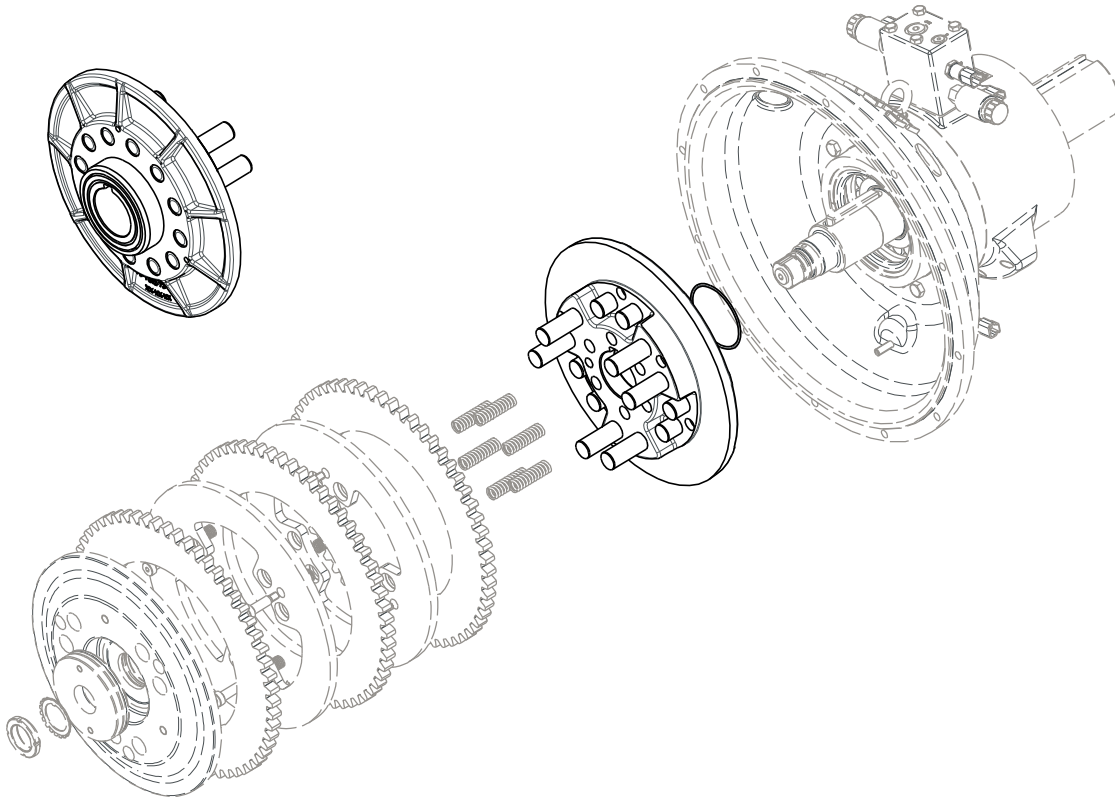


05-13

FRICION DISC KIT (PT TECH CLUTCH) FROM SERIAL NO. PIDPT600EOMI15983

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	65505837	1	12H FRICTION DISC KIT	



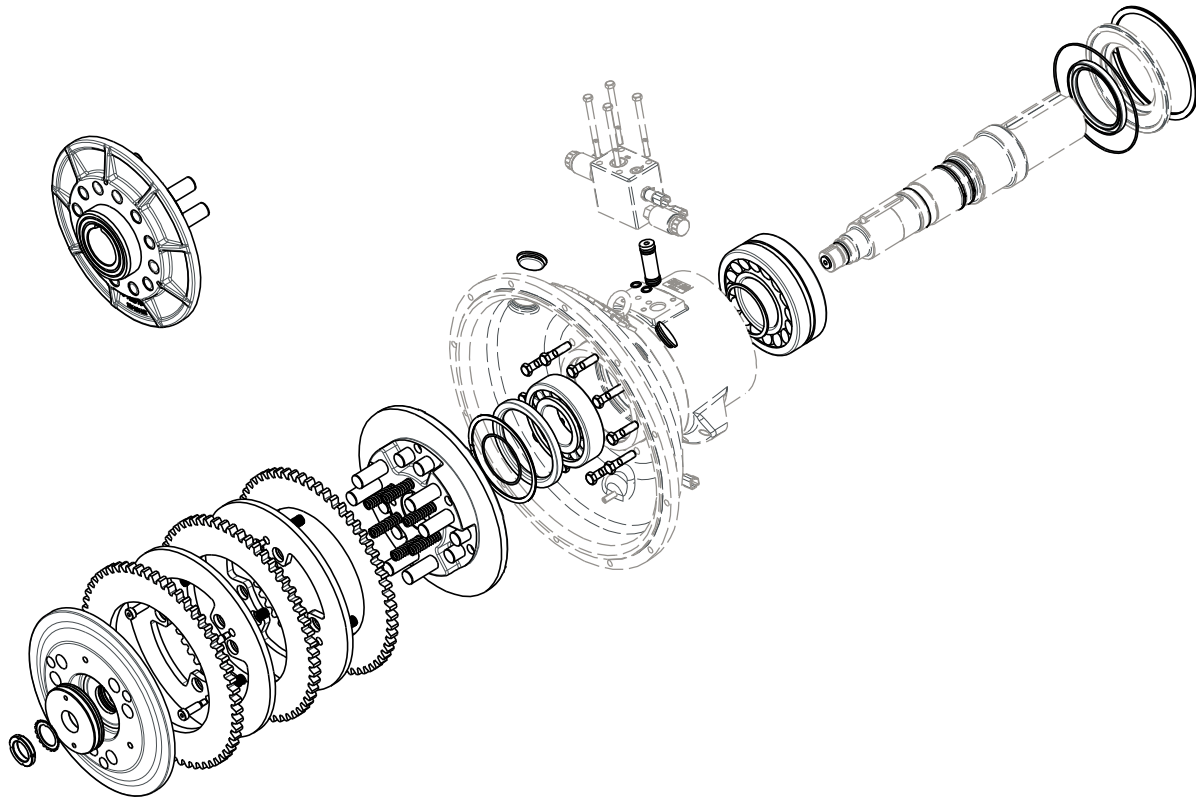


05-15

END PLATE KIT (PT TECH CLUTCH) UPTO SERIAL NO. PIDPT600EOMI15982

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	2451-9172	1	END PLATE KIT	



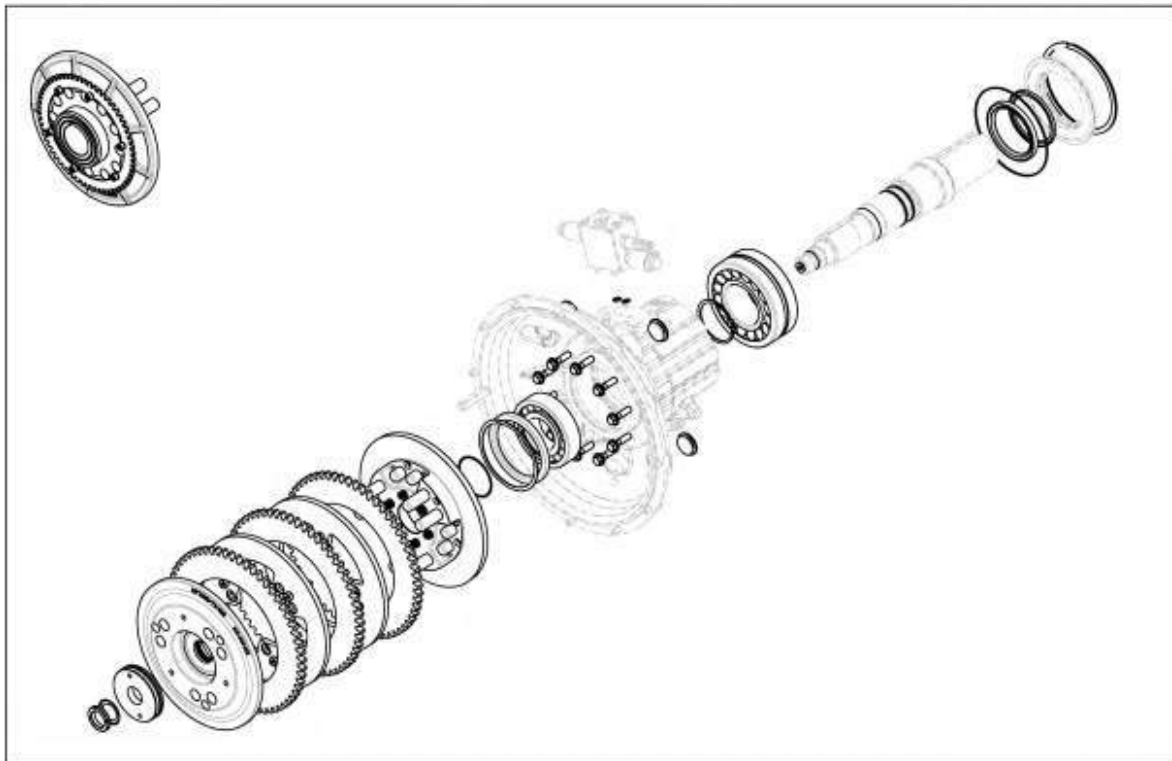


05-16

COMPLETE REBUILD KIT (PT TECH CLUTCH) UPTO SERIAL NO. PIDPT600EOMI15982

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	2451-9173	1	COMPLETE REBUILD KIT	





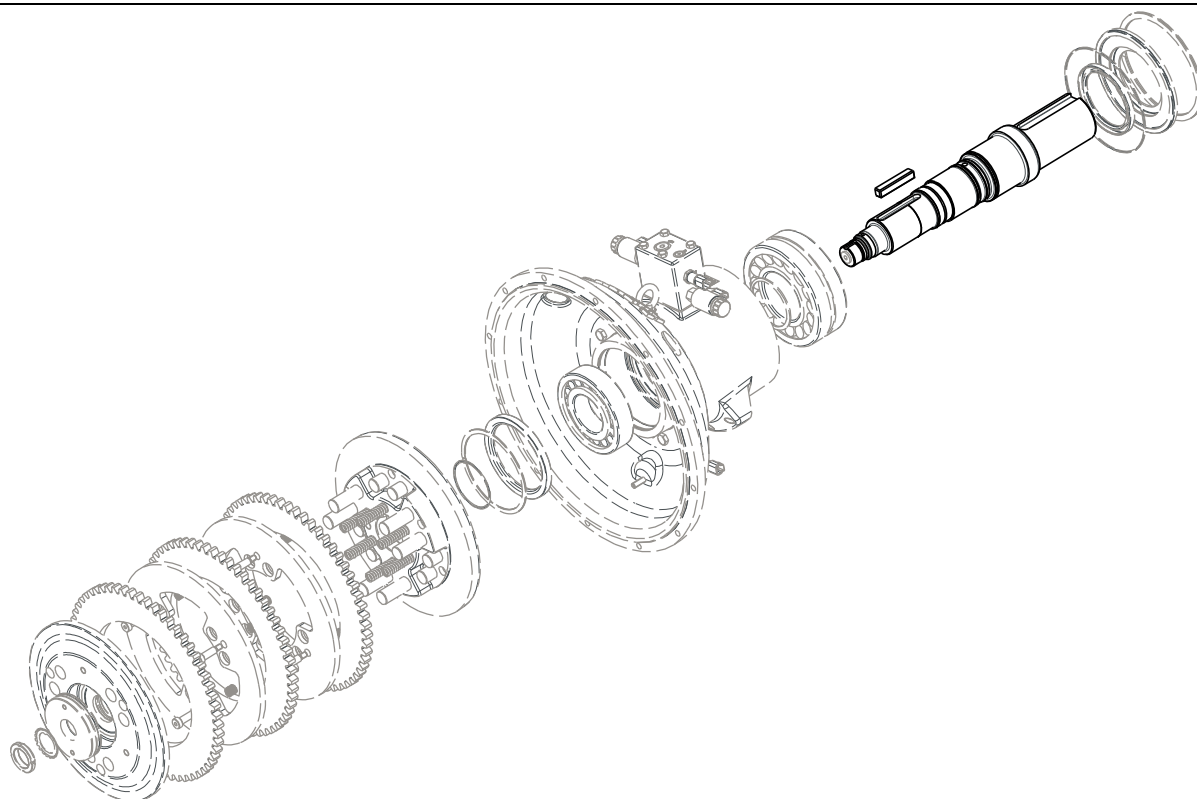


05-16

COMPLETE REBUILD KIT (PT TECH CLUTCH) FROM SERIAL NO. PIDPT600EOMI15983

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	65505839	1	12H-TD COMPLETE REBUILD KIT	



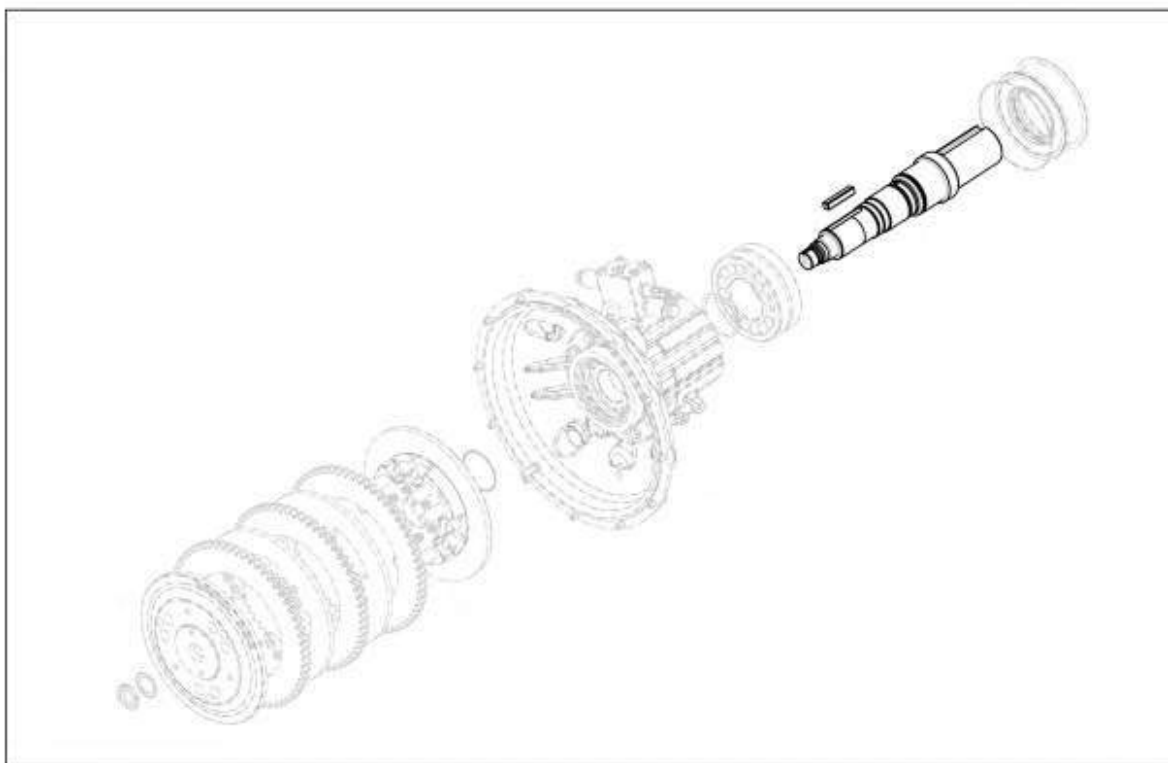


05-17

SHAFT KIT (PT TECH CLUTCH) UPTO SERIAL NO. PIDPT600EOMI15982

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	2451-9174	1	SHAFT KIT	



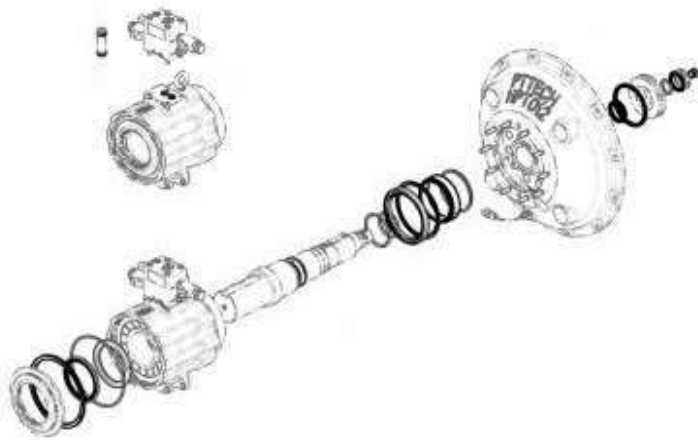


05-17

SHAFT KIT (PT TECH CLUTCH) FROM SERIAL NO. PIDPT600EOMI15983

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	2451-9174	1	SHAFT KIT	





05-18

SEAL KIT - UNIVERSAL (PT TECH CLUTCH) UPTO SERIAL NO. PIDPT600EOMI15982

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	65503620	1	UNIVERSAL SEAL KIT	







05-19

INNER SEAL KIT (PT TECH CLUTCH) FROM SERIAL NO. PIDPT600EOMI15983

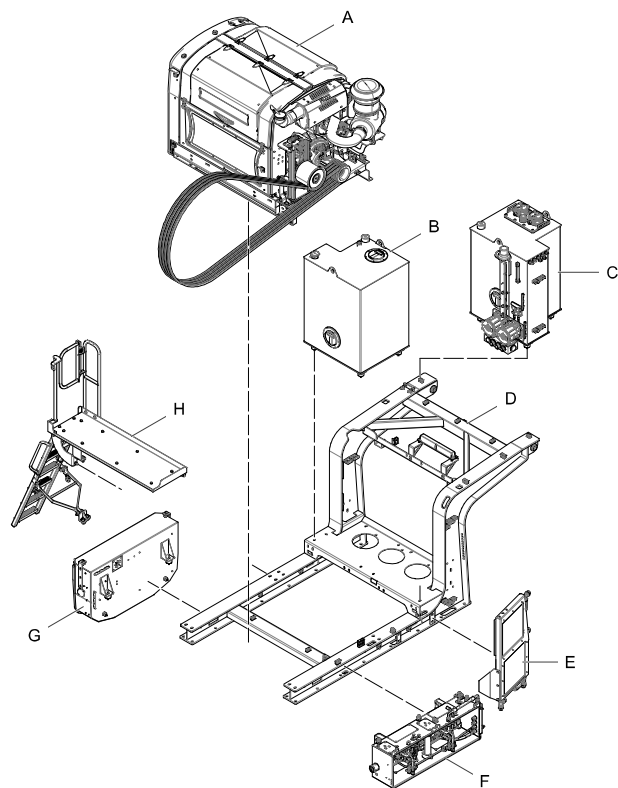
ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	65503621	1	INNER SEAL KIT	



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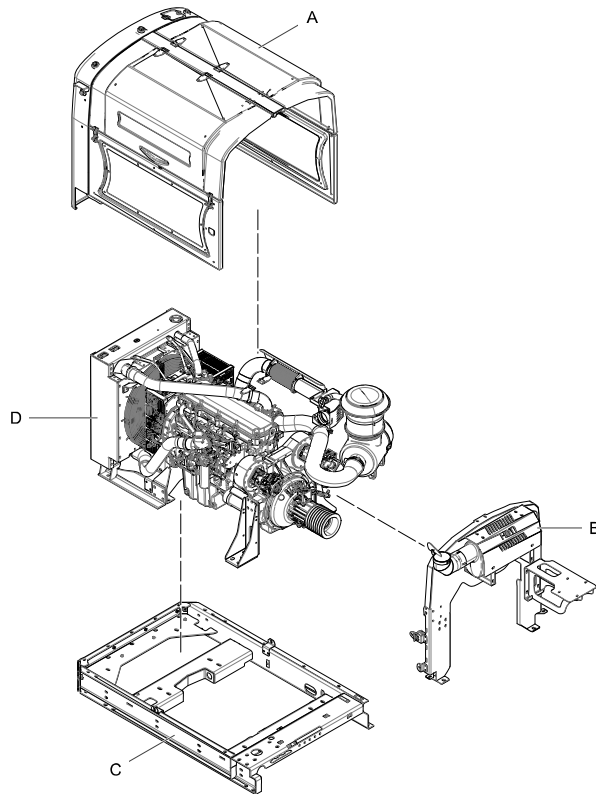
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ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	A-ASSEMBLY	1	FOR REFERENCE ONLY	SEE FIGURE 05-31 TO 05-40
2	B-ASSEMBLY	1	FOR REFERENCE ONLY	SEE FIGURE 07-01
3	C-ASSEMBLY	1	FOR REFERENCE ONLY	SEE FIGURE 06-01 TO 06-03
4	D-ASSEMBLY	1	FOR REFERENCE ONLY	SEE FIGURE 05-11
5	E-ASSEMBLY	1	FOR REFERENCE ONLY	SEE FIGURE 13-04-06
6	F-ASSEMBLY	1	FOR REFERENCE ONLY	SEE FIGURE 14-13 TO 14-14
7	G-ASSEMBLY	1	FOR REFERENCE ONLY	SEE FIGURE 14-12
8	H-ASSEMBLY	1	FOR REFERENCE ONLY	SEE FIGURE 11-09 TO 11-10



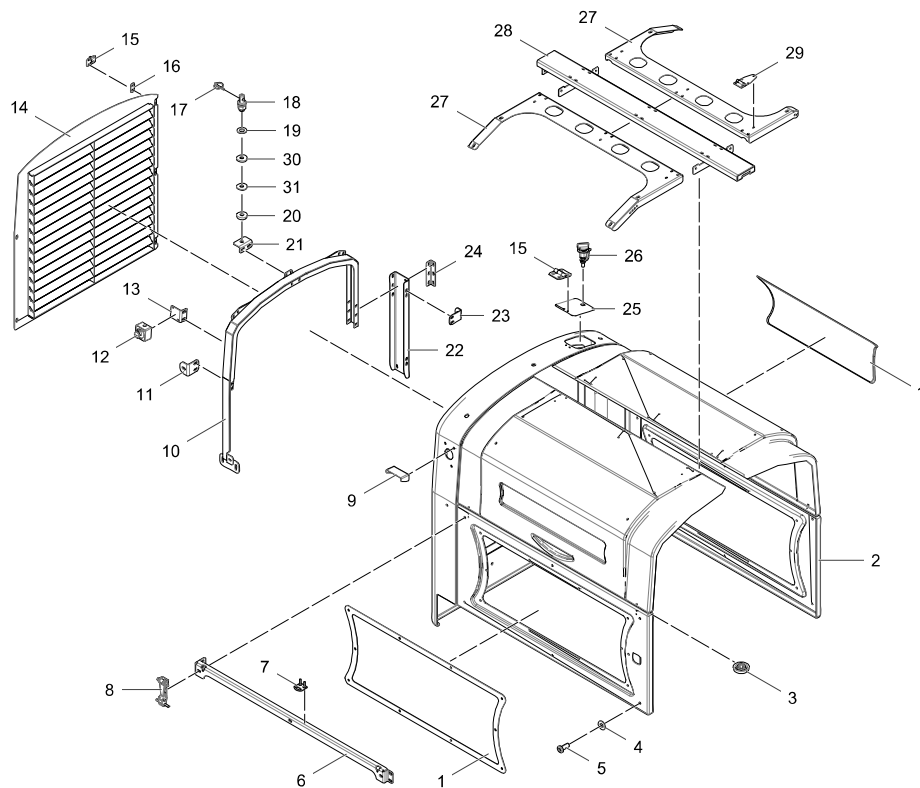


05-31

## TIER 3 CAT C13 ENGINE COMPARTMENT OVERVIEW

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	A-ASSEMBLY	1	FOR REFERENCE ONLY	SEE FIGURE 05-32
2	B-ASSEMBLY	1	FOR REFERENCE ONLY	SEE FIGURE 05-33
3	C-ASSEMBLY	1	FOR REFERENCE ONLY	SEE FIGURE 05-34
4	D-ASSEMBLY	1	FOR REFERENCE ONLY	SEE FIGURE 05-35 TO 05-40







05-32

## TIER 3 CAT C13 ENGINE ENCLOSURE ASM

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	PTS-016-106	2	GRILL	
2	PTS-016-115	1	ENGINE ENCLOSURE - T3 COMPLETE GRP	
3	14.40.0028	4	PUSH ON FOOT	
4	2210-0055	27	M10 ZINC FORM C WASHER BS 4320	
5	2224-2707	27	M12-1.75 X 30 ZINC BUTTON SOCKET HEAD SET SCREW	
6	PTS-016-102	1	BRACKET	
7	PTS-016-128	4	LOCKING TAB	
8	12.86.3033	4	BONNET FASTNER	
9	PTS-016-099	1	E-STOP COVER	
10	PTS-016-117	1	SUPPORT STAND	
11	PTS-016-096	1	BRACKET	
12	14.02.0023	1	E STOP HEAVY DUTY	
13	PTS-016-104	1	ESTOP BRACKET	
14	PTS-016-116	1	LOUVRE DOOR T3	
15	12.10.0050	4	HINGE	
16	PTS-016-112	3	HINGE SPACER	
17	12.02.0009	3	6MM LINCH PIN ROUND	
18	12.02.0040	3	3/4" UNF STABILISER PIN	
19	2210-0060	3	M20 WASHER	
20	20.1540.03.02	3	DUST COVER RUBBER DISC	
21	PTS-016-097	3	PIN MTG PLT	
22	PTS-016-118	1	SUPPORT STAND	
23	PTS-016-121	2	BRACKET	
24	PTS-016-119	1	BRACKET	
25	PTS-016-129	1	FILLER CAP ACCESS LID	
26	12.86.3029	1	WISE ACTION COMP LATCH	
27	PTS-016-098	2	GULL WING DOOR BRACE	
28	PTS-016-094	1	ENGINE ENCLOSURE - CROSS MEMBER MWA	
29	12.10.0021	6	JAGGER 2216/005 S/STEEL HINGE	



05-32

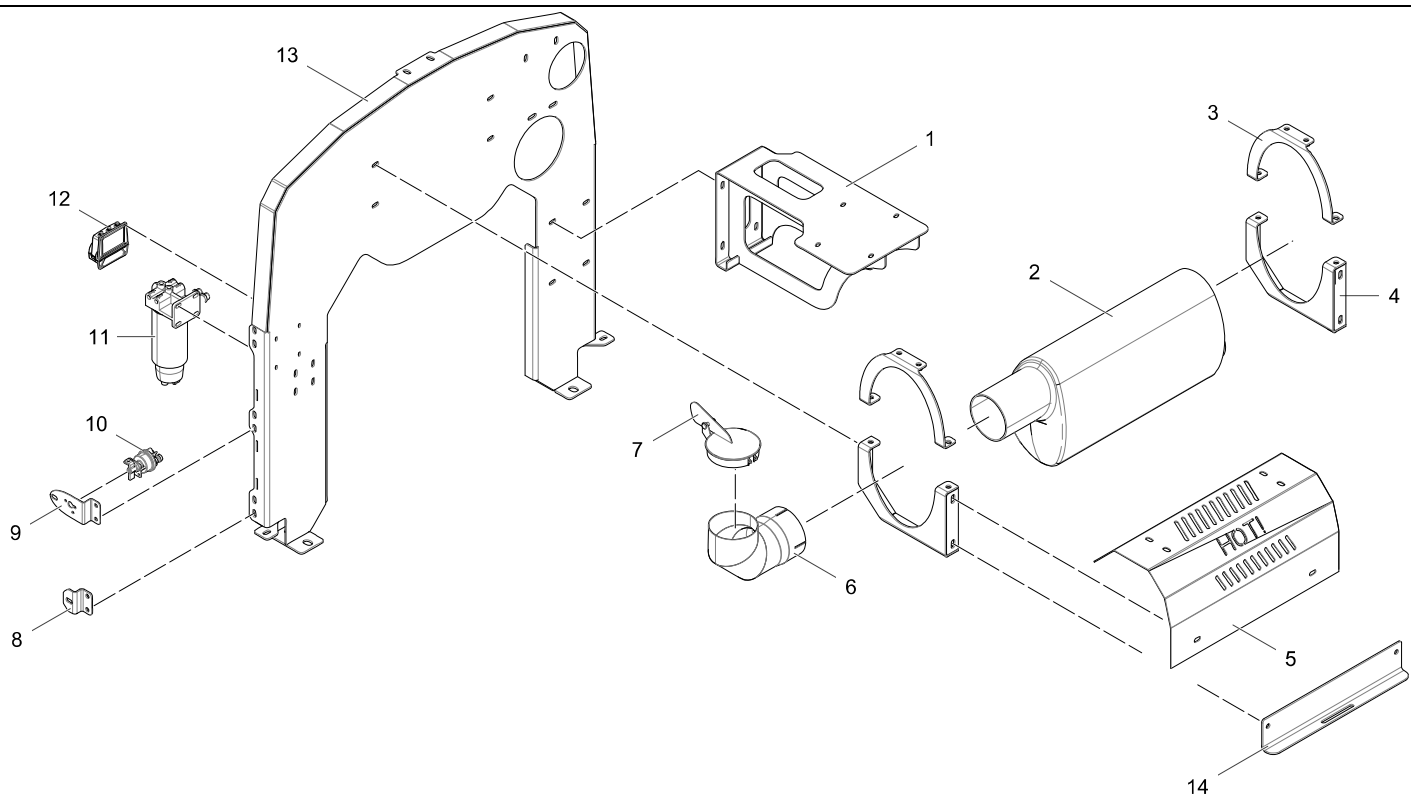
TIER 3 CAT C13 ENGINE ENCLOSURE ASM

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
30	PTS-016-149	1	10MM RUBBER DISC	FROM SERIAL NO. PIDPT600COMG82726, ECO17294
31	PTS-016-148	1	8MM RUBBER DISC	FROM SERIAL NO. PIDPT600COMG82726, ECO17294



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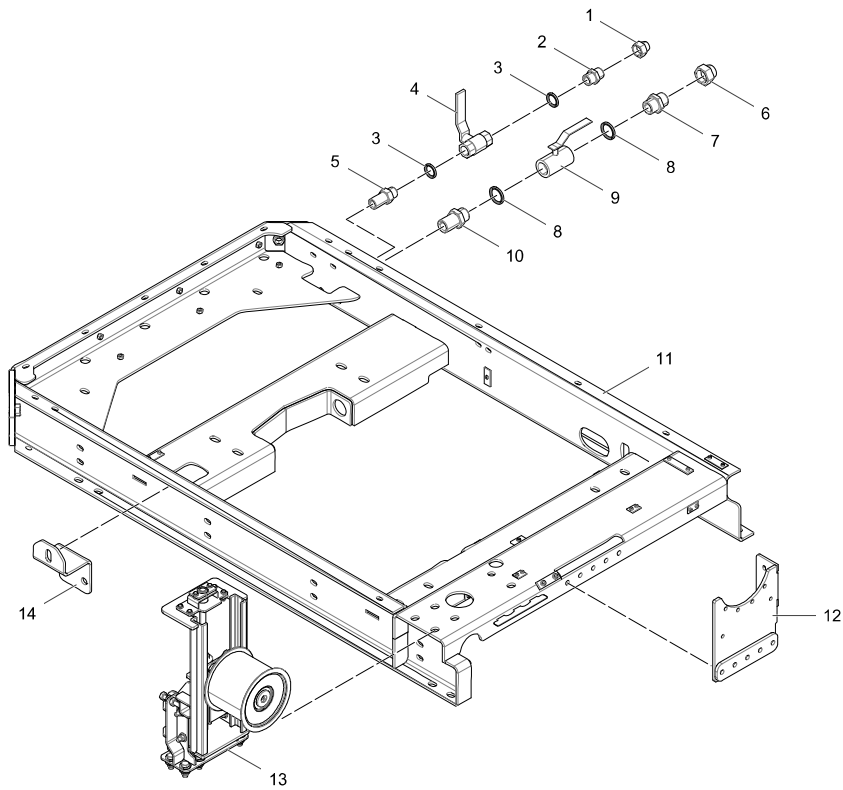


05-33

## TIER 3 CAT C13 ENGINE COMPARTMENT FRONT ASM

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	PTS-016-089	1	AIR FILTER MTG	
2	12.17.3914	1	EXHAUST SILENCER BOX (GP 193-1358)	
3	PTS-016-087	2	EXHAUST SILENCER BRACKET	
4	PTS-016-164	2	EXHAUST SILENCER BRACKET	FROM SERIAL NO. PIDPT600LOMH13560, ECO18457
4	PTS-016-086	2	EXHAUST SILENCER BRACKET	UPTO SERIAL NO. PIDPT600LOMH13559, ECO18457
5	PTS-016-132	1	EXHAUST HEAT SHIELD	
6	PTS-016-085	1	SILENCER TAIL PIECE C13	
7	12.17.2087	1	6" RAIN CAP	
8	PTS-016-101	3	BRACKET	
9	PTS-016-100	1	MNT PLT	
10	2481-1029	1	BATTERY ISOLATOR SWITCH	
11	11-ASSEMBLY	1	FOR REFERENCE ONLY	SEE FIGURE 13-04-21
12	60505527	1	QPRO MODEM BRAZIL	REPLACED BY ITEM 12, PART NO. 60502771, ECO17909
12	60505526	1	QPRO MODEM CANADA	REPLACED BY ITEM 12, PART NO. 60505525, ECO17909
12	60505525	1	QPRO MODEM USA	
12	60502771	1	QPRO MODEM ROW	
13	PTS-016-080	1	BULKHEAD	
14	PTS-016-151	1	AIR INTAKE SUPPORT BRACKET	FROM SERIAL NO. PIDPT600LOMH13560, ECO18457



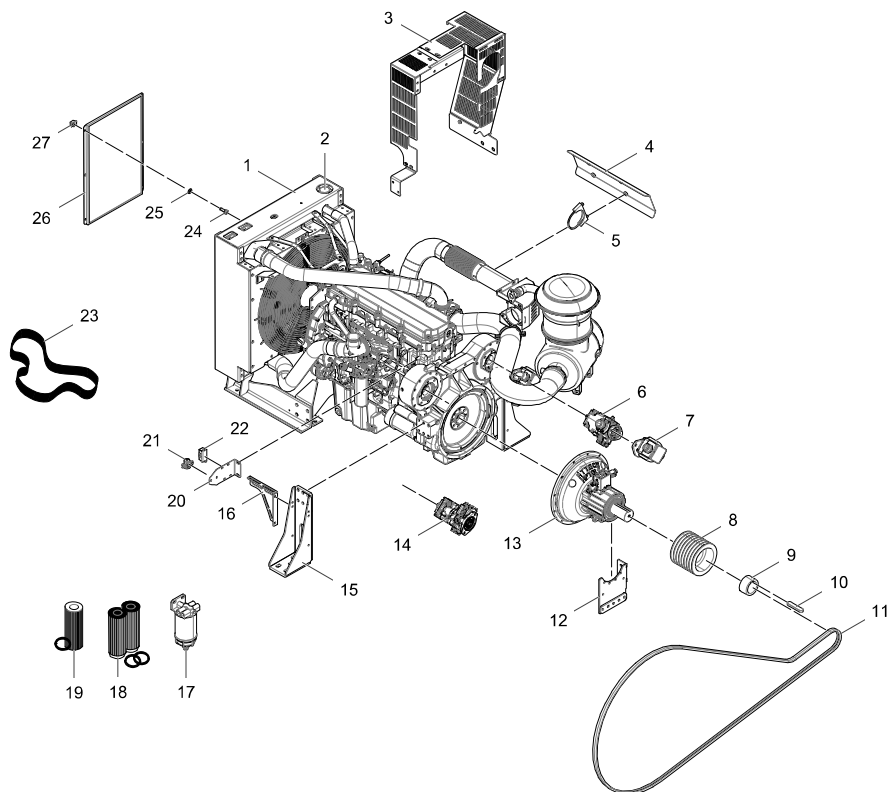


05-34

## TIER 3 CAT C13 ENGINE COMPARTMENT BASE ASM

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	10.08.0014	1	1/2 FEM. BLANKING CAP ACFB08	
2	10.01.1114	1	1/2" X 1/2" M/M ADAPTOR	
3	10.12.0026	2	1/2" BONDED SEAL	
4	10.16.0048	1	1/2" LOW PRESSURE BALL VALVE	
5	10.03.1114	1	1/2 X 1/2 X 1 1/2 BULK HEAD AD	
6	10.08.0018	1	3/4 FEM. BLANKING CAP	
7	10.01.1118	1	3/4 X 3/4 M/M ADAPTOR	
8	10.12.0027	2	3/4" BONDED SEAL	
9	2550-1005	1	3/4 LOW PRESSURE BALL VALVE	
10	10.03.1118	1	3/4 X 3/4 X 2" BULK HEAD	
11	PTS-016-079	1	POWERUNIT FRAME MWA	
12	PTS-016-058	1	CLUTCH SUPPORT ASM	
13	13-ASSEMBLY	1	FOR REFERENCE ONLY	SEE FIGURE 05-08
14	PTS-016-103	1	BRACKET	





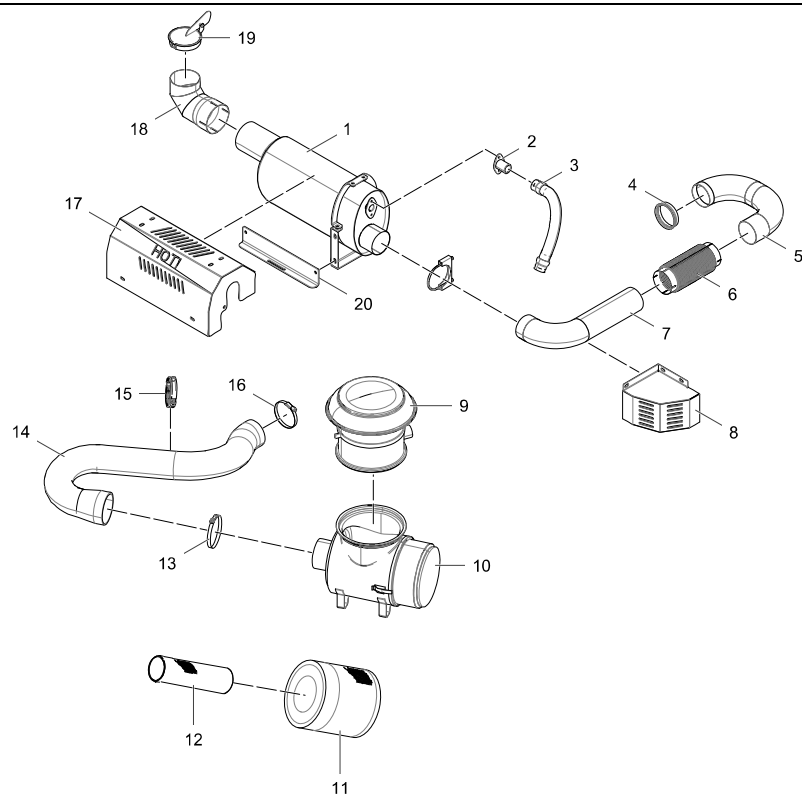


05-35

## TIER 3 CAT C13 ENGINE ASM

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	19690272	1	WATER LEVEL SWITCH	NOT SHOWN
1	15.04.3064	1	C13 C/W INTERGRATED RAD&REAR PTO DRIVES	
2	15.04.9953	1	RADIATOR CAP	SEE FIGURE 05-37
3	3-ASSEMBLY	1	FOR REFERENCE ONLY	
4	PTS-016-131	1	EXHAUST HEAT SHIELD	
5	12.17.0151	2	5" EXHAUST CLAMP - U BOLT TYPE	SEE FIGURE 05-38
6	6-ASSEMBLY	1	FOR REFERENCE ONLY	
7	7-ASSEMBLY	1	FOR REFERENCE ONLY	SEE FIGURE 13-04-02
8	13.02.6043	1	T/L PULLEY	SEE FIGURE 05-10 AND 05-12 TO 05-19
9	13.04.9210	1	TAPERLOCK BUSH	
10	2432-2445	1	KEY 25X14X120 RBE	
11	13.01.3604	4	2 BAND SPC 8100 REDPOWER BELT	SEE FIGURE 05-39
12	PTS-016-058	1	CLUTCH SUPPORT ASM	
13	13-ASSEMBLY	1	FOR REFERENCE ONLY	SEE FIGURE 05-10 AND 05-12 TO 05-19
14	14-ASSEMBLY	1	FOR REFERENCE ONLY	
15	1314.17.32	2	C13 ENGINE MTG	SEE FIGURE 13-04-21
16	TC011-017-123	1	CABLE SUPPORT BRACKET	
17	15.02.0771	1	WATERTRAP ELEMENT	
17	15.02.0770	1	WATERTRAP (COMPLETE) C9 ACERT	SEE FIGURE 13-04-21
18	15.04.3303	1	CAT 13 FUEL FILTER - 1R0762	
19	10.21.3692	1	FILTR ELMNT	24V STARTER RELAY, FOR PART NO. CONTACT SPARES DEPARTMENT
20	1312.17.33	1	STARTER RELAY & FUSE BOX MTG PLT (C13)	
21	21-ASSEMBLY	1	FOR REFERENCE ONLY	
22	22-ASSEMBLY	2	FOR REFERENCE ONLY	ENGINE FUSE BOX, FOR PART NO. CONTACT SPARES DEPARTMENT
23	15.04.9955	1	C13 V-BELT SET	SEE FIGURE 13-04-21
24	2230-3091	6	M08X025 SETSCW8.8ZP	
25	2210-0015	6	WASHER BRIGHT M8 BS4320 FORM A	
26	15.04.3101	1	C9 AND C13 BLAST GUARD	SEE FIGURE 13-04-21
27	12590669	6	M8 CAGE NUT	

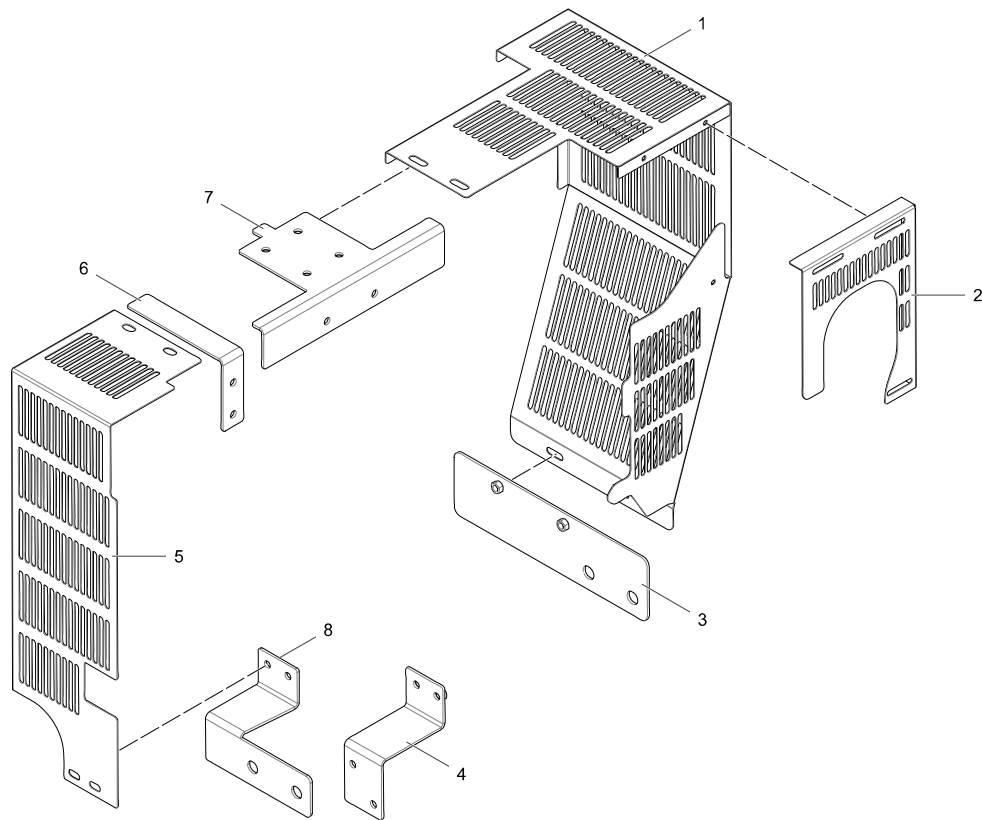




## TIER 3 CAT C13 ENGINE AIR FILTER AND EXHAUST ASM

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	12.17.3914	1	EXHAUST SILENCER BOX (GP 193-1358)	
2	1312.17.101	1	SCAVENGER HOSE ADAPTOR C13	DIRECT REPLACEMENT FOR ITEM 2 PART NO. 1175.17.98, ECO17294
2	1175.17.98	1	SCAVENGE HOSE ADAPTOR	REPLACED BY ITEM 2 PART NO. 1312.17.101, ECO17294
3	PTS-016-064	1	T4F - SCAVENGE HOSE	UPTO SERIAL NO. PIDPT600COMG82725, ECO17294
4	15.04.3316	1	WELD ON COUPLING (EXHAUST TO TURBO-C9)	CANNOT BE PURCHASED SEPARATELY, ORDER ITEM 5
5	1314.17.40A	1	EXHAUST WITH ENGINE FLANGE (5")	
6	12.17.0045	1	5" S.STEEL EXHAUST BELLOW	
7	PTS-016-133	1	EXHAUST 2ND SECTION (5")	
8	PTS-016-135	1	EXHAUST GUARD	
9	15.02.0078	1	DUST EJECTOR PRECLEANER - C13	
10	15.02.0075	1	C13 AIR FILTER	
11	15.04.6838	1	C13 AIR FILTER OUTER	
12	15.04.6840	1	USE 15.02.0070, C13 AIR FILTER INNER - 6I2510	
13	T127966	1	FLEX-GEAR HD CT CLAMP 159MM TO 181MM	
14	PTS-016-163	1	C13 AIR INTAKE PIPE	FROM SERIAL NO. PIDPT600LOMH13560, ECO18457
14	PTS-016-088	1	AIR INTAKE PIPE - PT600 DD C13	UPTO SERIAL NO. PIDPT600LOMH13559, ECO18457
15	15.31.0137	1	RUBBER LINED CLAMP	
16	12.17.0135	1	121-143MM CONST TORQUE CLAMP BREEZE CT-550L	
17	PTS-016-132	1	EXHAUST HEAT SHIELD	
18	PTS-016-085	1	SILENCER TAIL PIECE C13	
19	12.17.2087	1	6" RAIN CAP	
20	PTS-016-151	1	AIR INTAKE SUPPORT BRACKET	FROM SERIAL NO. PIDPT600COMG82726, ECO17294



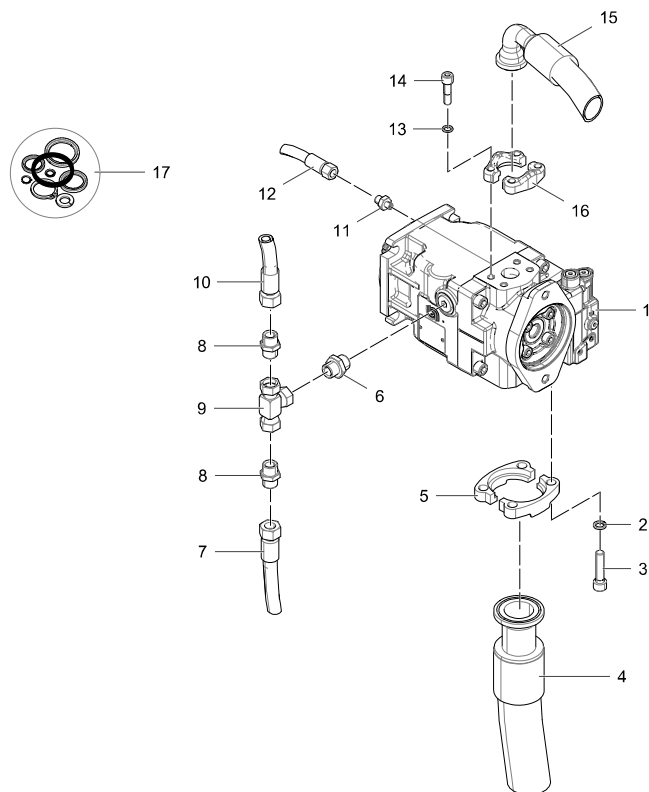


05-37

## TIER 3 CAT C13 ENGINE PULLEY GUARD ASM

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	1540.17.84	1	FAN BELT GUARD 2 - C13 INT	
2	1540.17.85	1	FAN BELT GUARD 3 - C13 INT	
3	1540.17.83	1	FAN BELT GUARD 2 BRACKET	
4	1540.17.81	1	FAN BELT GUARD BOTTOM BRACKET	UPTO SERIAL NO. PIDPT600COMG82725, ECO17294
5	1540.17.82	1	FAN BELT GUARD 1 - C13 INT	
6	1540.17.80	1	FAN BELT GUARD TOP BRACKET	
7	1540.17.79	1	FAN BELT GUARD CENTRE BRACKET	
8	AX909-392-501	1	FAN BELT GUARD BOTTOM BRACKET	FROM SERIAL NO. PIDPT600COMG82726, ECO17294



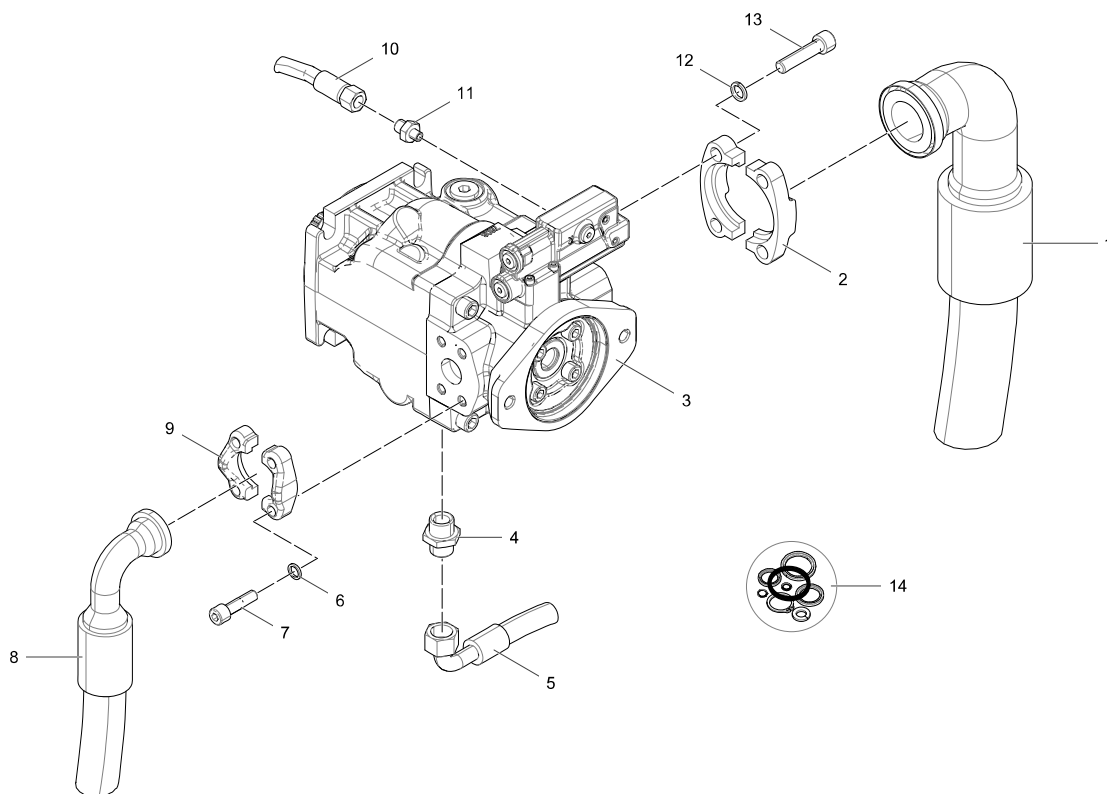


05-38

## TIER 3 CAT C13 PUMP ASM 1

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	10.24.3707	1	PUMP	SEE ITEM 17 FOR SEAL KIT
2	2211-0022	4	WASHER SPR MS M48 BS4464 TYPE A	
3	3-ASSEMBLY	4	FOR REFERENCE ONLY	CAP HEAD SCREW, PART NO. CONTACT SPARES DEPARTMENT
4	TC01217-085	1	PUMP 2 SUCTION HOSE	
5	10.24.3073	2	2" SPLIT FLANGE 6000 PSI	
6	2520-6162	1	7/8 - 14SAE X1/2" BSP M/M ADAPTOR	
7	TC01217-089	1	PUMP 2 CASE DRAIN PIPE	
8	10.01.1114	2	1/2" X 1/2" M/M ADAPTOR	
9	10.04.1235	1	1/2 X 1/2 X 1/2 M-M-F TEE	
10	TC01217-088	1	PUMP 1 CASE DRAIN PIPE	
11	10.11.0006	1	ADAPTOR	
12	TC01217-091	1	PUMP 2 LS LINE	
13	32.04.01010	4	M10 SPRING WASHER	
14	14-ASSEMBLY	4	FOR REFERENCE ONLY	CAP HEAD SCREW, PART NO. CONTACT SPARES DEPARTMENT
15	TC01217-086	1	PUMP 2 PRESSURE HOSE	
16	10.24.3171	2	SPLIT FLANGE 1" LOW PRESSURE	
17	65500805	1	SEAL KIT FOR PUMP	





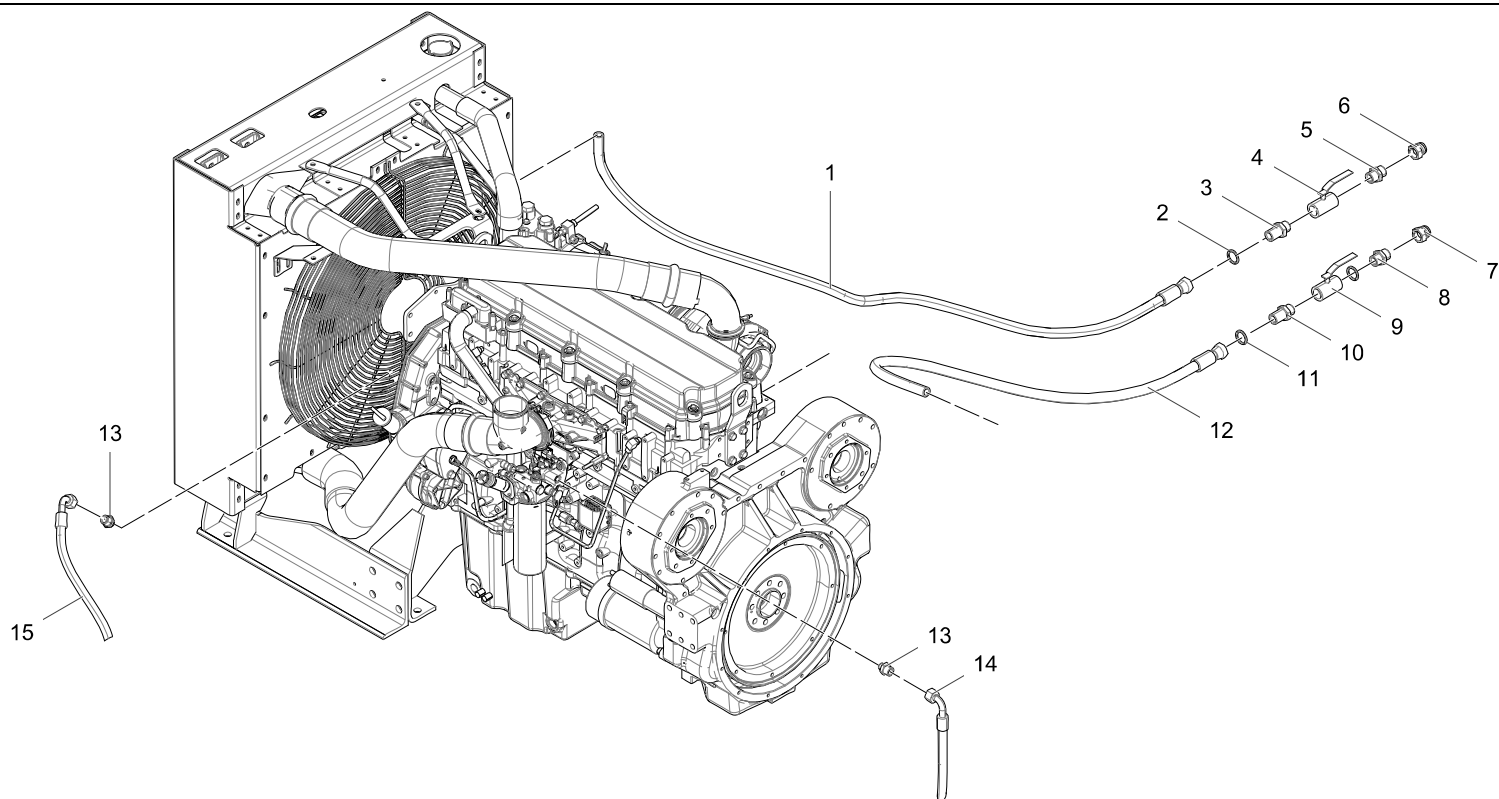


05-39

## TIER 3 CAT C13 PUMP ASM 2

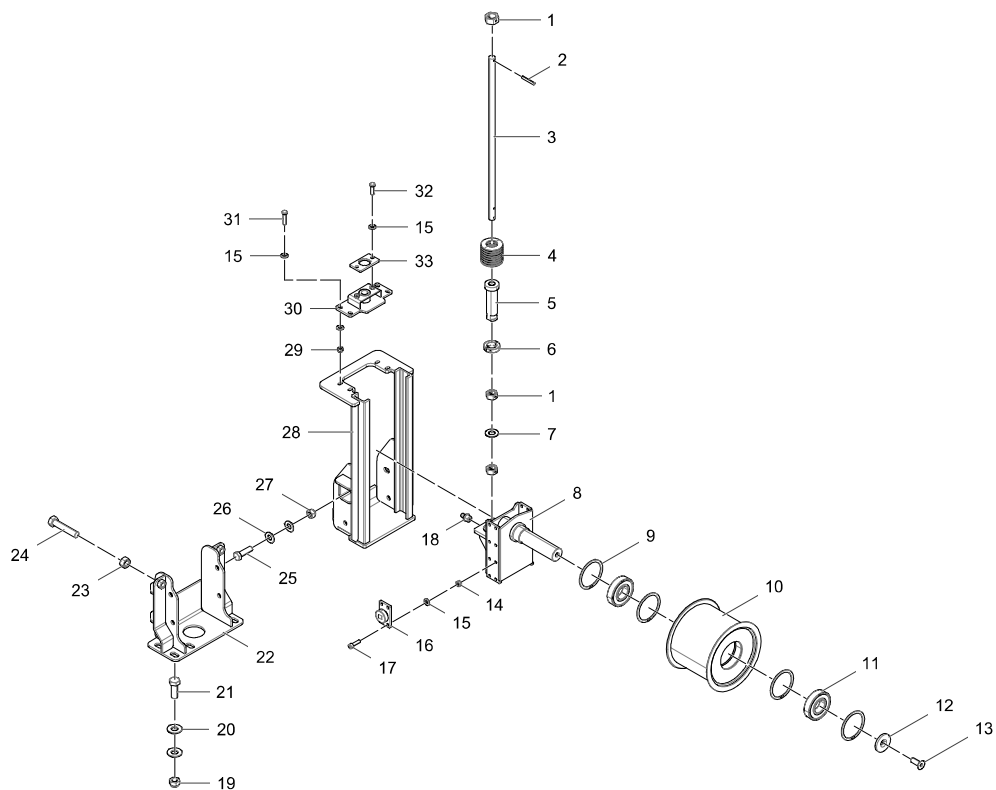
ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	TC01217-084	1	PUMP 1 SUCTION HOSE	
2	10.24.3073	2	2" SPLIT FLANGE 6000 PSI	
3	10.24.3707	1	PUMP	SEE ITEM 14 FOR SEAL KIT
4	2520-6162	1	7/8 - 14SAE X1/2"BSP M/M ADAPTER	
5	TC01217-088	1	PUMP 1 CASE DRAIN PIPE	
6	32.04.01010	4	M10 SPRING WASHER	
7	7-ASSEMBLY	4	FOR REFERENCE ONLY	CAP HEAD SCREW, FOR PART NO. PLEASE CONTACT SPARES DEPARTMENT
8	TC01217-087	1	PUMP 1 PRESSURE PIPE	
9	10.24.3171	2	SPLIT FLANGE 1" LOW PRESSURE	
10	TC01217-090	1	PUMP 1 LS LINE	
11	10.11.0006	1	ADAPTOR	
12	2211-0022	4	WASHER SPR MS M48 BS4464 TYPE A	
13	13-ASSEMBLY	4	FOR REFERENCE ONLY	CAP HEAD SCREW, FOR PART NO. PLEASE CONTACT SPARES DEPARTMENT
14	65500805	1	SEAL KIT FOR PUMP	





ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	TC01217-096	1	COOLANT DRAIN HOSE	
2	10.12.0026	2	1/2" BONDED SEAL	
3	10.03.1114	1	1/2 X 1/2 X 1 1/2 BULK HEAD AD	
4	10.16.0048	1	1/2" LOW PRESSURE BALL VALVE	
5	10.01.1114	1	1/2" X 1/2" M/M ADAPTOR	
6	10.01.2220	1	1-2 FEMALE CAP	
7	10.08.0018	1	3/4 FEM. BLANKING CAP	
8	10.01.1118	1	3/4 X 3/4 M/M ADAPTOR	
9	2550-1005	1	3/4 LOW PRESSURE BALL VALVE	
10	10.03.1118	1	3/4 X 3/4 X 2" BULK HEAD	
11	10.12.0027	2	3/4" BONDED SEAL	
12	TC01217-095	1	ENGINE OIL DRAIN HOSE	
13	10.01.0044	1	1/2" M BSP X 9/16" M JIC ADAPTOR	
14	TC01217-092	1	DIESEL RETURN PIPE	
15	TC01217-094	1	DIESEL FEED PIPE WATER TRAP>ENGINE	





05-08

## TIER 3, TIER 4 AND CONSTANT SPEED DRIVE BELT TENSIONER ASM

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	2215-0022	3	NUT HEX M30 BS3692 GR8	
2	38.50.08050	3	DIA8X50 ROLL PIN	
3	TC012-017-022	1	TENSIONER ADJUSTER BAR	
4	12.11.0108	1	DISC SPRING	
5	TC012-017-029	1	TENSIONER SLEEVE	
6	13.15.0001	1	SPLIT SHAFT COLLAR	
7	2210-0064	1	M30 BRIGHT WASHER FORM C	
8	TC012-017-021	1	TENSIONER CARRIAGE	
9	12.00.0167	4	140MM INTERNAL CIRCLIP	
10	TC005-017-017	1	IDLER PULLEY MWA	
11	11.00.5000	2	BALL BEARING	
12	1312.10.110.01	1	LAYSHAFT KEEPER PLT	
13	2226-2889	1	M20-2.50X50 ZINC SOCKET HEAD COUNTERSUNK SET SCREW GR 10.9	
14	2217-0698	16	M12-1.75 ZINC NYLON INSERT LOCK NUT GR 10.9	
15	2210-0056	26	M12 WASHER TYPE C	
16	TC005-017-195	4	BEARING FABRICATION	
17	2222-0188	4	CAPSCREW M12X40 BS4168 GR12.9	
18	28.18.0800	1	1/8 BSP GREASE NIPPLE	
19	2217-0674	6	M24 X 3NYLOC NUT	
20	2212-1008	12	M24 ZINC HARDENED WASHER BS 4395	
21	2230-1353	6	SCREW HEX M24X65 BS3692 GR8.8	
22	TC012-017-031	1	ADJUSTER MOUNTING BRACKET	
23	2215-0020	2	NUT HEX M24 GR8	
24	2230-3362	2	M24-3.00 X 120 ZINC HEX HEAD SET SCREW GR 8.8 DIN933	
25	2232-1279	4	BOLT HEX M20X65 BS3692 GR8.8	
26	2212-1006	8	M20 ZINC HARDENED WASHER	
27	2217-0672	4	M20-2.50 ZINC NYLON INSERT LOCK NUT	
28	TC012-017-020	1	TENSIONER MAST	



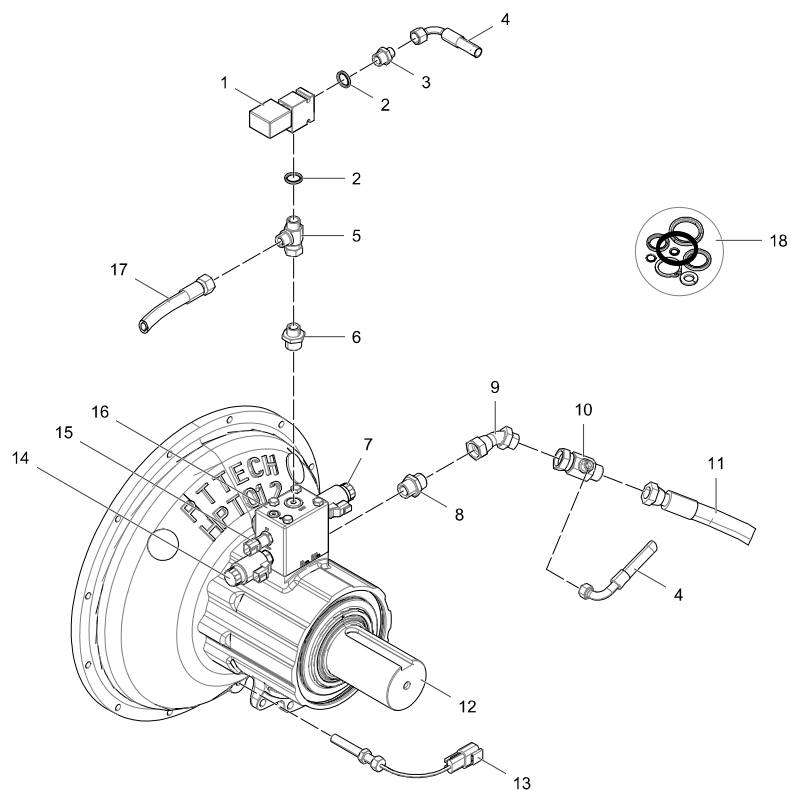
05-08

TIER 3, TIER 4 AND CONSTANT SPEED DRIVE BELT TENSIONER ASM

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
29	2217-0668	4	M12-1.75 ZINC NYLON INSERT LOCK NUT	
30	TC012-017-030	1	ADJUSTER SUPPORT	
31	2232-7129	4	M12-1.75 X 50 ZINC HEX HEAD BOLT GR 8.8	
32	2232-1127	2	BOLT HEX M12X40 BS3692 GR8.8	
33	TC005-017-029	1	LOCKER PLATE	



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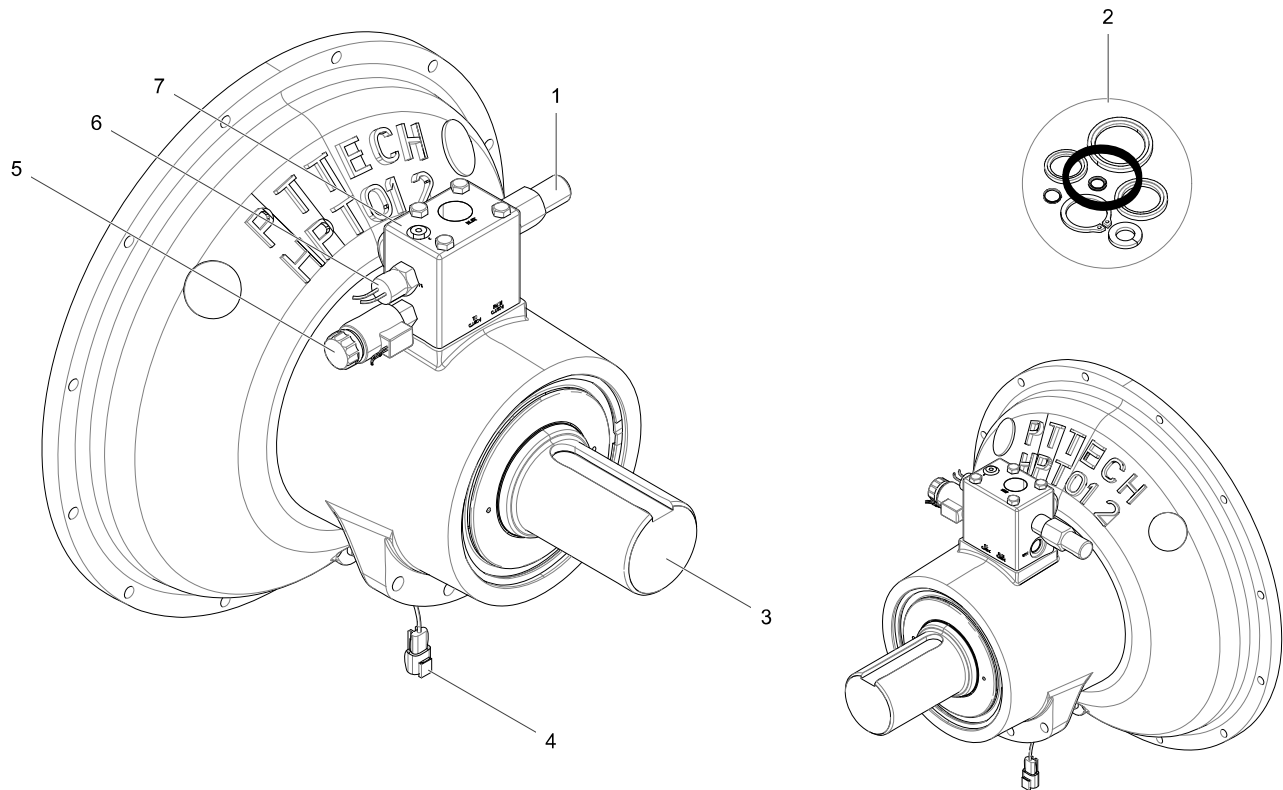




05-10 PT-TECH 12 DRY CLUTCH ASSEMBLY, HOSES AND FITTINGS UPTO SERIAL NO. PIDPT600EOMI15982

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	10.16.5714	1	SOLENOID VALVE 24VOLT	
2	10.12.0026	2	1/2" BONDED SEAL	
3	10.01.0003	1	3/8X1/2BSP M/M ADPT 1.5MMRES AMB06MB08	
4	TC01217-032	1	CLUTCH BYPASS -> TANK	
5	10.04.1214	1	1/2M X 1/2F X 1/2M TEE	
6	2520-6161	1	1/2"BSP X 3/4" SAE O-RING NIPPLE	
7	2451-9178	1	COIL 24V DC	
8	2520-6167	1	ADAPTOR 3/4" UNF C/W O-RING	
9	10.02.1215	1	3/4 X 3/4 M/F 45 DEG SWEPT	
10	10.04.1217	1	3/4"MX3/4"FX3/8"M TEE AT/MB12-FB12-MB06	
11	TC01217-033	1	CLUTCH BYAPSS -> TANK LID	
12	2451-1609	1	PT TECH CLUTCH 12 DRY	
13	2451-9176	1	SPEED PICK UP	
14	2451-9180	1	SOLENOID VALVE	
15	2452-1611	1	PRESSURE TRANSDUCER	
16	65501467	1	MANIFOLD CLUTCH ASSEMBLY	
17	TC01217-031	1	RELIEF -> CLUTCH INLET	
18	18-ASSEMBLY	1	FOR REFERENCE ONLY	SEAL KIT FOR CLUTCH PART NO. 2451-1609 - SEE FIGURE 05-12 TO 05-18

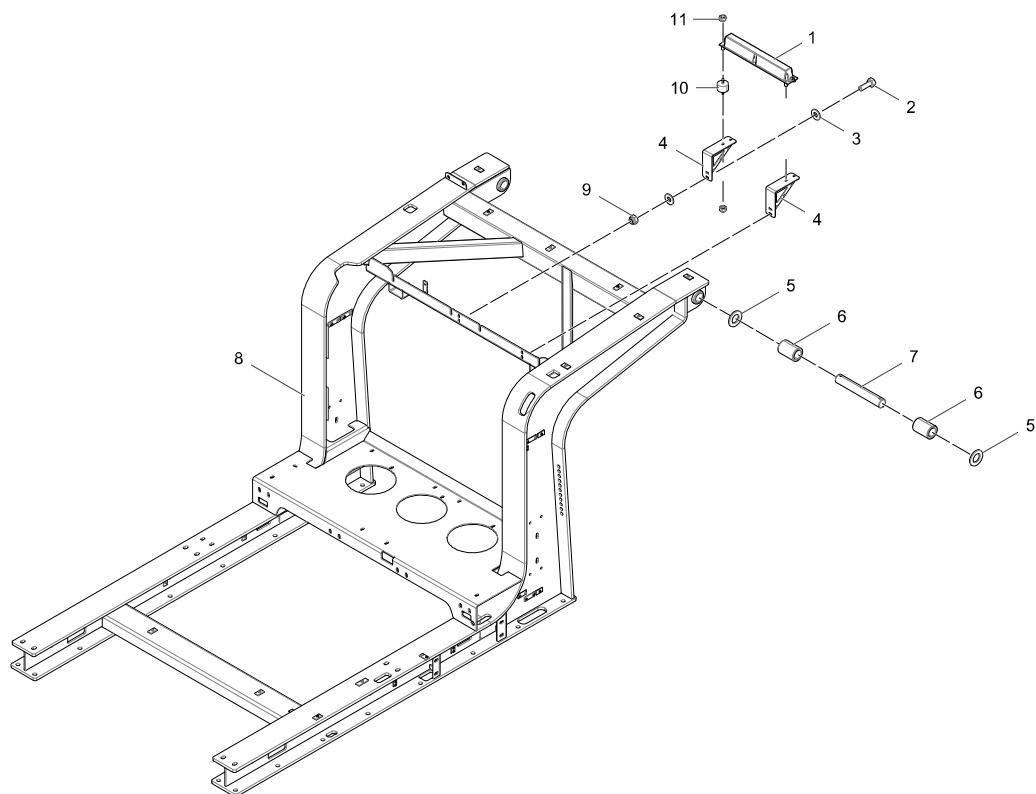




**05-10 PT-TECH 12 DRY CLUTCH ASSEMBLY, HOSES AND FITTINGS FROM SERIAL NO. PIDPT600EOMI15983**

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	2451-9178	1	COIL 24V DC	
1	2451-9179	1	PROPORTIONAL VALVE	
2	2-ASSEMBLY	1	FOR REFERENCE ONLY	SEE FIGURE 05-10 AND 05-12 TO 05-19
3	2451-1629	1	CLUTCH	
4	65505835	1	VR SPEED SENSOR - NEW TYPE	
5	2451-9180	1	SOLENOID VALVE	
6	2452-1611	1	PRESSURE TRANSDUCER	
7	65501467	1	MANIFOLD CLUTCH ASSEMBLY	





05-11

## TIER 3, TIER 4 AND CONSTANT SPEED POWERUNIT SUBFRAME ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	60526058	1	GLOBAL TRAKPAK 4000 AERIAL	
2	2230-3122	4	M10-1.50 X 30 ZINC HEX HEAD SET SCREW GR 8.8 DIN933	
3	2210-0055	8	M10 ZINC FORM C WASHER BS 4320	
4	TC012-001-081	2	ANTENNA MOUNT	
5	2210-2017	4	WASHER BLACK M39 BS4320 FORM E, SAME AS 31.12.0364	
6	AX896-447-001	4	COLLAR	
7	AX896-448-001	2	PIN.PROD CONV	
8	TC012-001-050	1	HORNS W.A.	
9	2217-0667	4	M10-1.50 ZINC NYLON INSERT LOCK NUT	
10	12.09.3005	4	ANTI-VIBE MOUNT 8 X 25MM	
11	2217-0666	8	NUT NYLOC M8X1.25	





1. Outer Dual Seal Kit incl End Plate



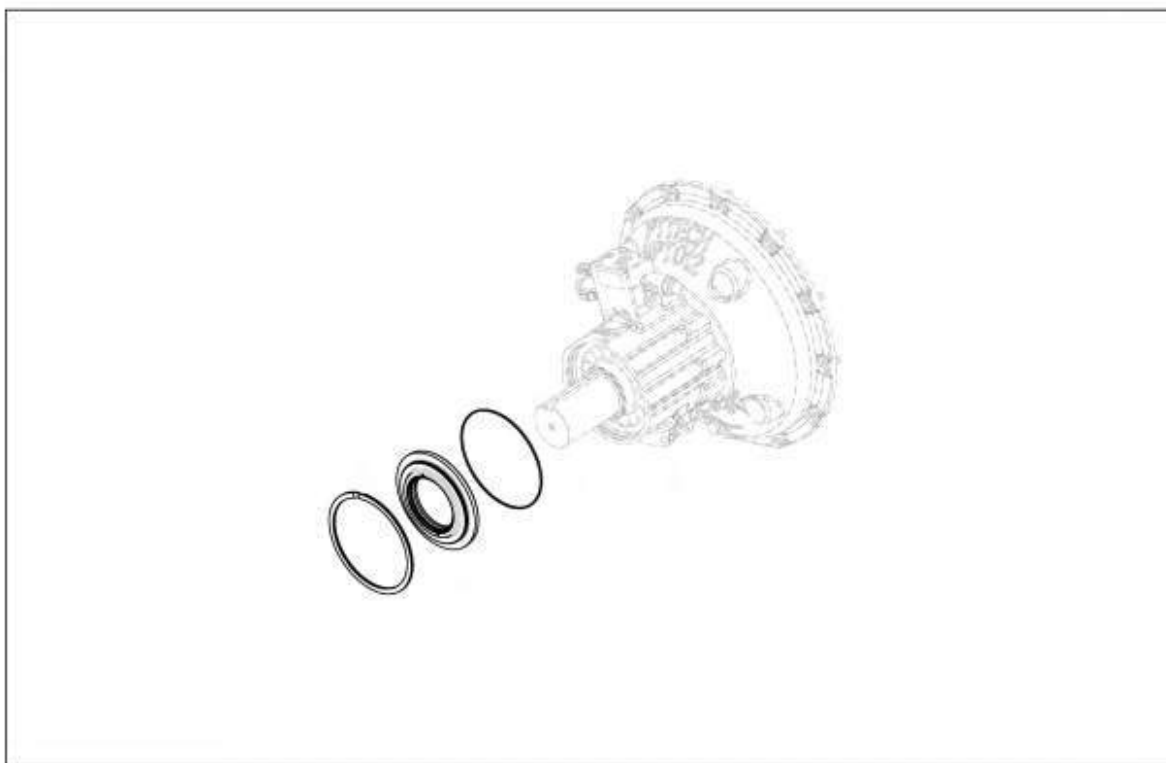
2. Outer Dual Seal Kit excl End Plate

05-12

OUTER DUAL SEAL KIT (PT TECH CLUTCH) UPTO SERIAL NO. PIDPT600EOMI15982

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	65502794	1	OUTER DUAL SEAL KIT INCL END PLATE	
2	65502795	1	OUTER DUAL SEAL KIT EXCL END PLATE	







05-12                      OUTER DUAL SEAL KIT INCL END PLATE (PT TECH CLUTCH) FROM SERIAL NO. PIDPT600EOMI15983

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	65502794	1	OUTER DUAL SEAL KIT INCL END PLATE	

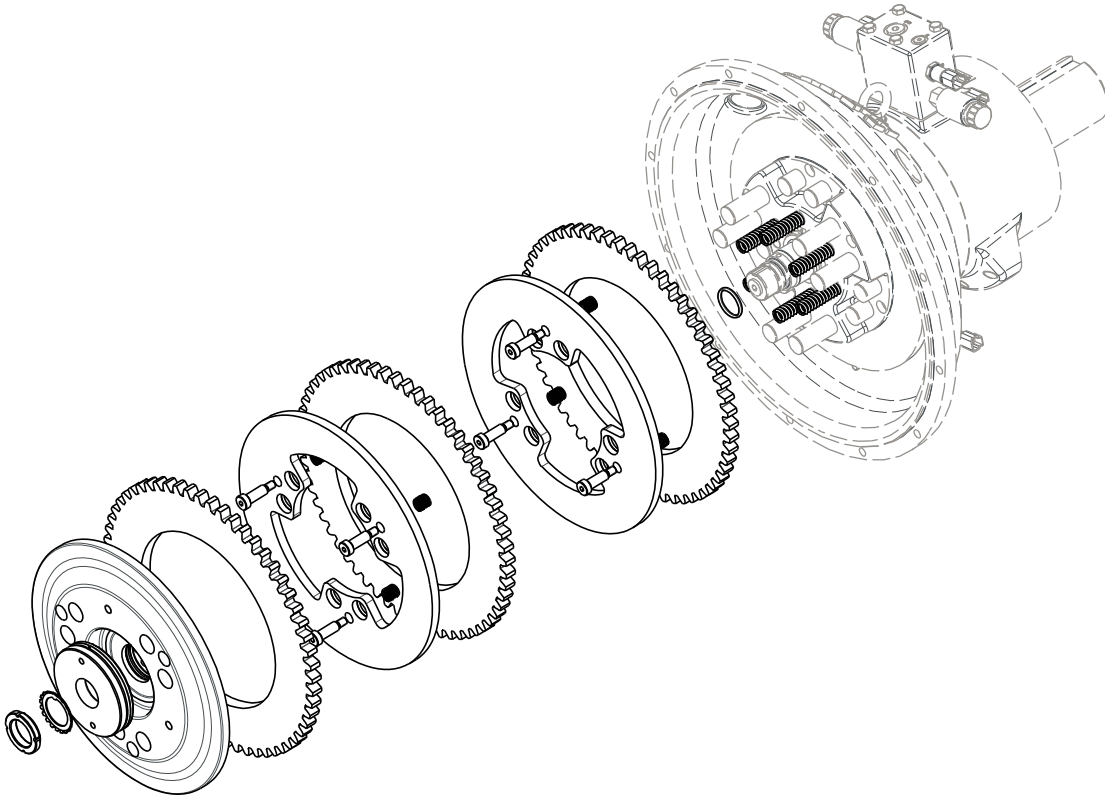




05-12                      OUTER DUAL SEAL KIT EXCL END PLATE (PT TECH CLUTCH) FROM SERIAL NO. PIDPT600EOMI15983

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	65502795	1	OUTER DUAL SEAL KIT EXCL END PLATE	



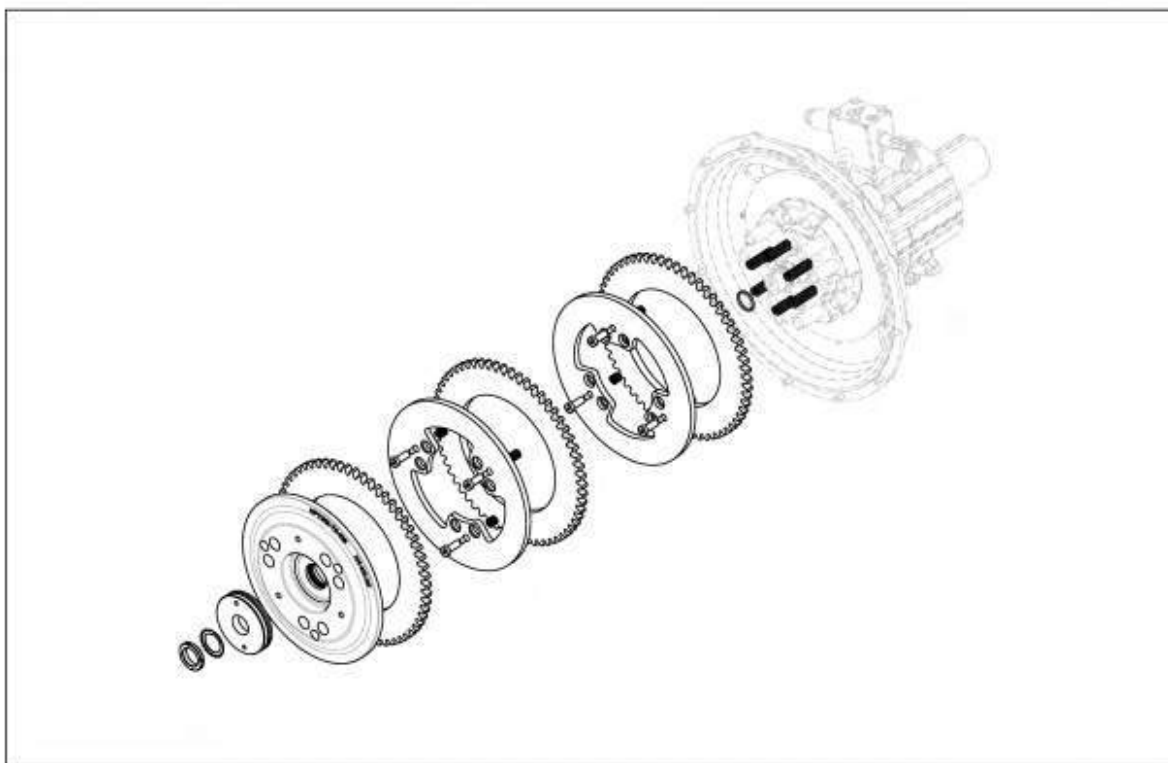


05-13

**FRICTION DISC KIT (PT TECH CLUTCH) UPTO SERIAL NO. PIDPT600EOMI15982**

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	2451-9170	1	FRICTION DISC KIT	



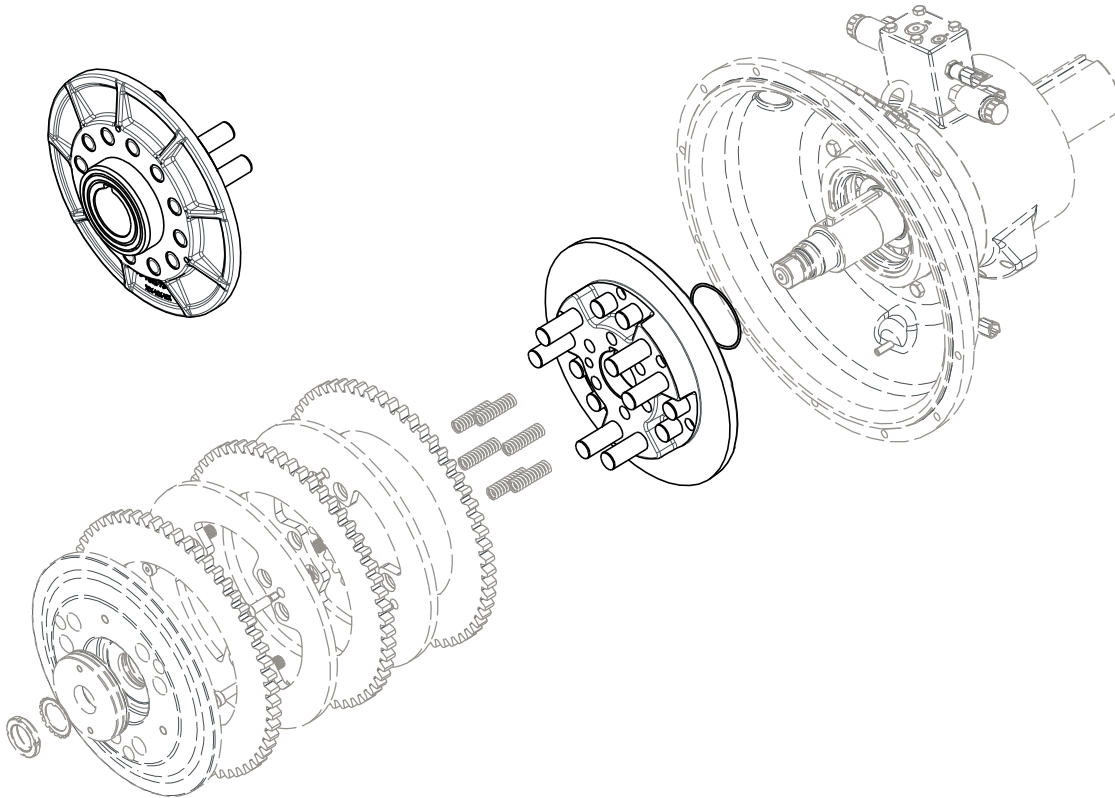


05-13

FRICION DISC KIT (PT TECH CLUTCH) FROM SERIAL NO. PIDPT600EOMI15983

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	65505837	1	12H FRICTION DISC KIT	





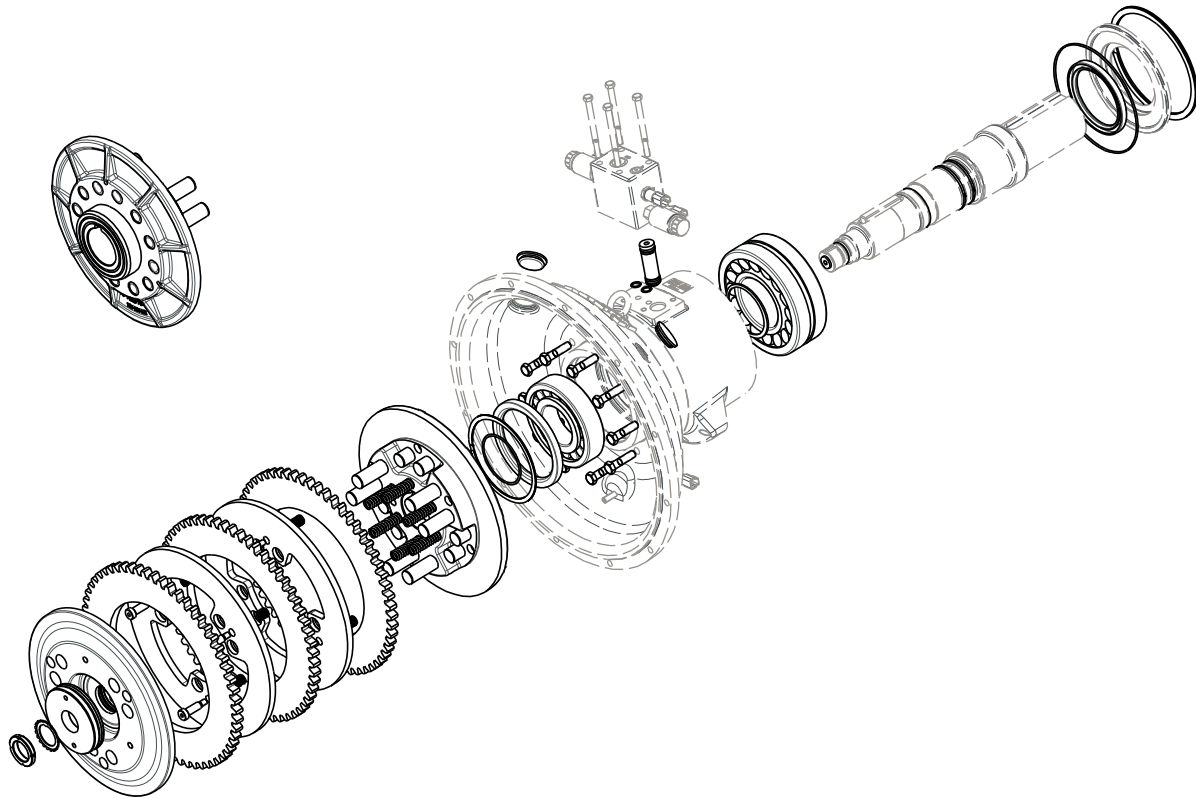


05-15

END PLATE KIT (PT TECH CLUTCH) UPTO SERIAL NO. PIDPT600EOMI15982

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	2451-9172	1	END PLATE KIT	



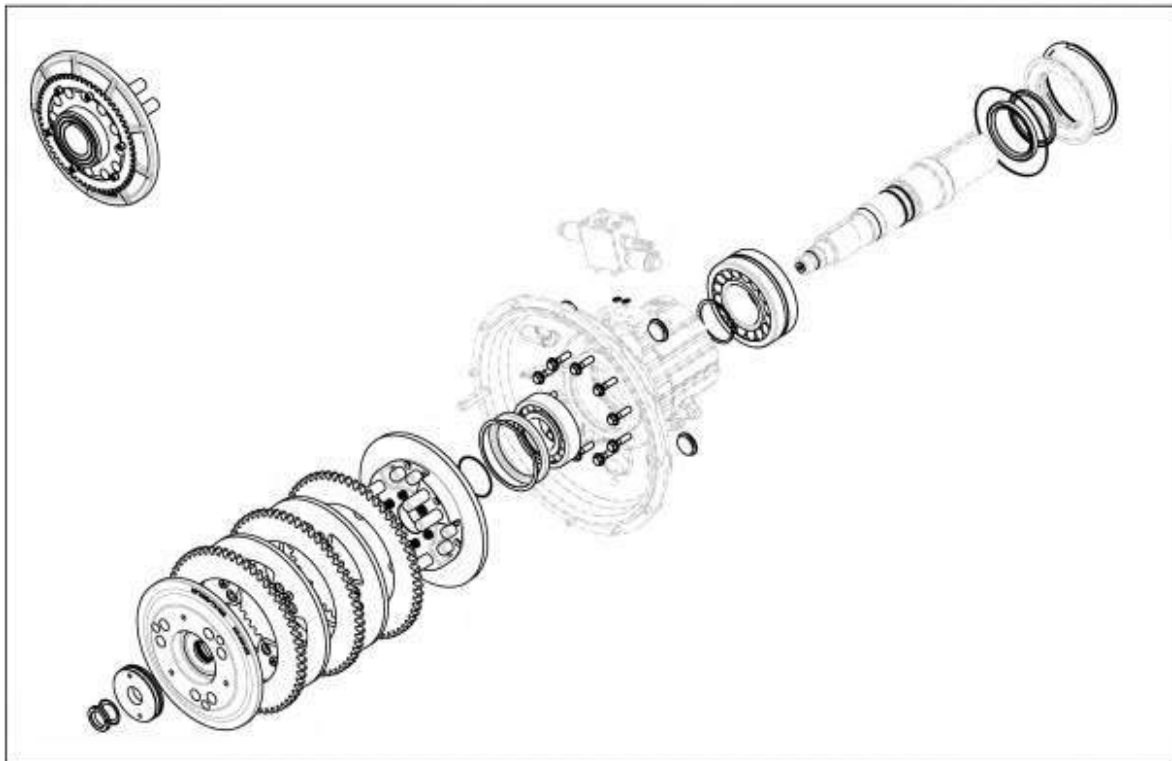


05-16

COMPLETE REBUILD KIT (PT TECH CLUTCH) UPTO SERIAL NO. PIDPT600EOMI15982

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	2451-9173	1	COMPLETE REBUILD KIT	



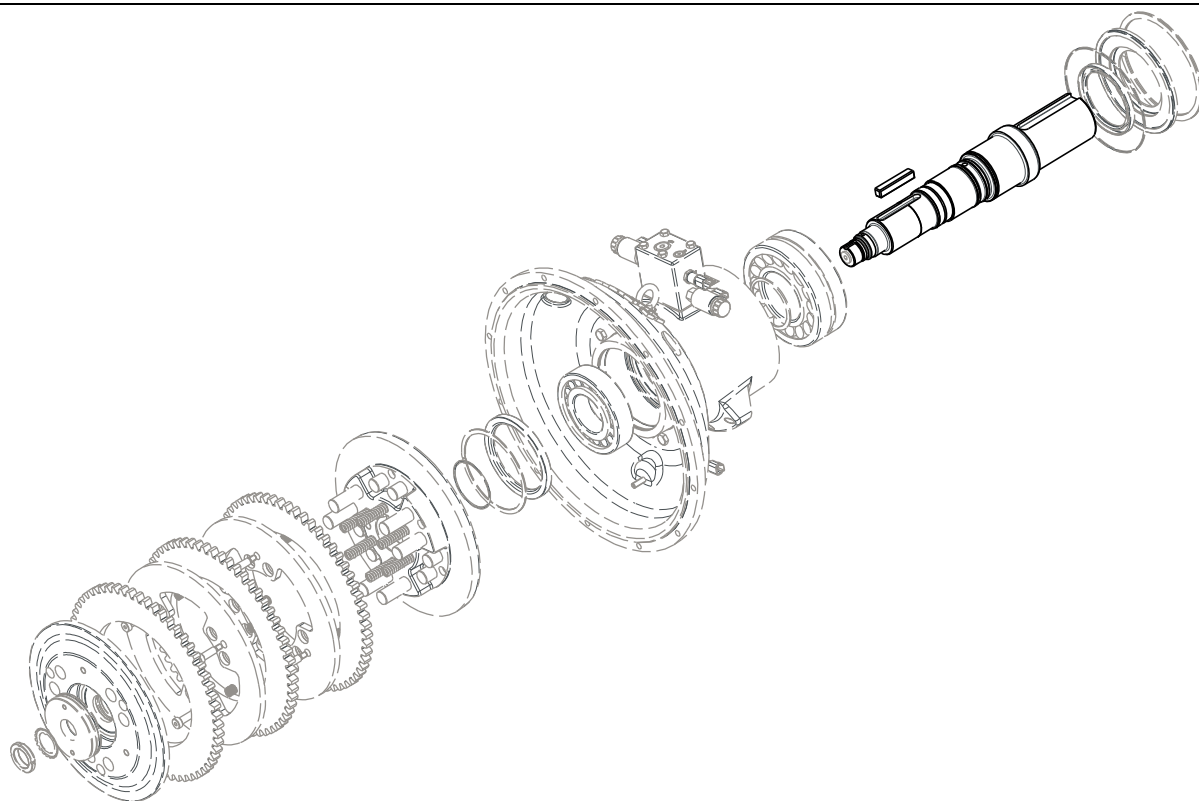


05-16

COMPLETE REBUILD KIT (PT TECH CLUTCH) FROM SERIAL NO. PIDPT600EOMI15983

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	65505839	1	12H-TD COMPLETE REBUILD KIT	



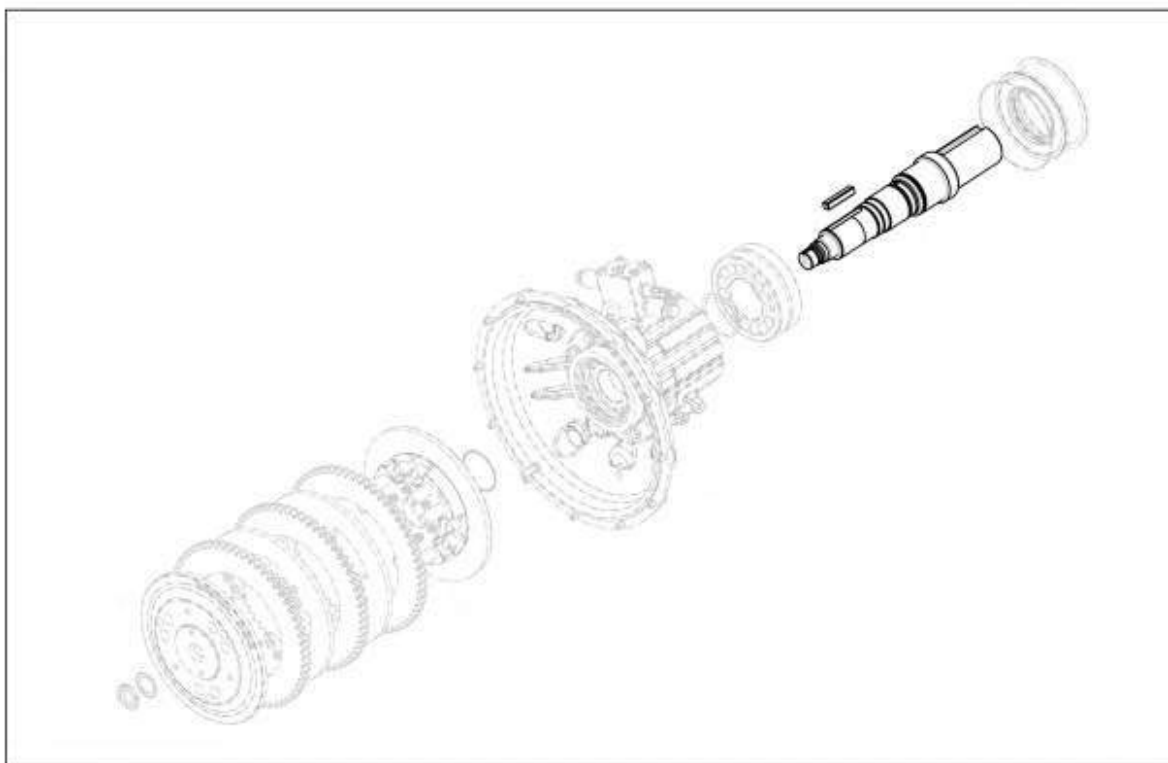


05-17

SHAFT KIT (PT TECH CLUTCH) UPTO SERIAL NO. PIDPT600EOMI15982

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	2451-9174	1	SHAFT KIT	







05-17

SHAFT KIT (PT TECH CLUTCH) FROM SERIAL NO. PIDPT600EOMI15983

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	2451-9174	1	SHAFT KIT	





05-19

INNER SEAL KIT (PT TECH CLUTCH) FROM SERIAL NO. PIDPT600EOMI15983

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	65503621	1	INNER SEAL KIT	



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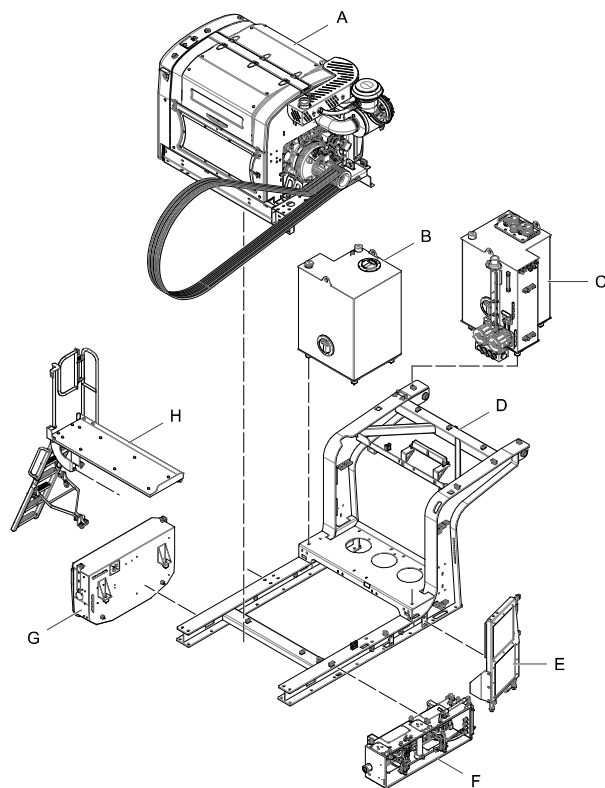
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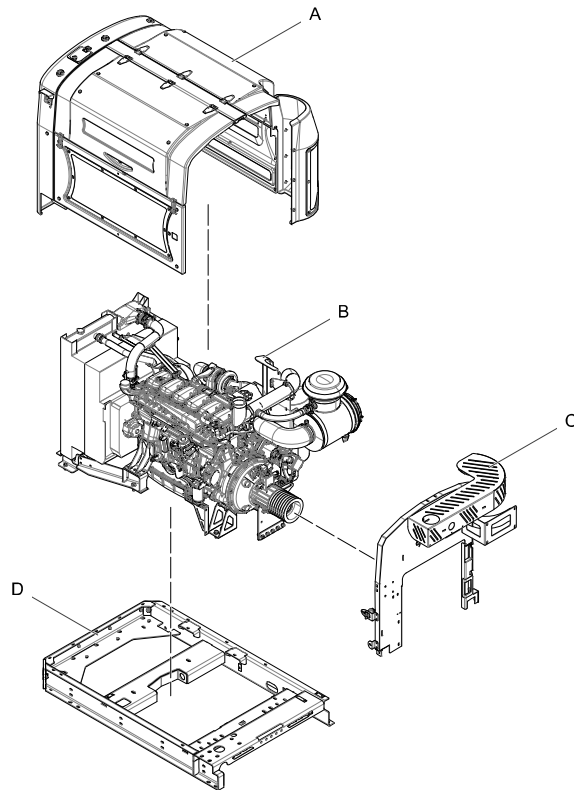




## CONSTANT SPEED SCANIA DC13 POWERUNIT OVERVIEW (DIRECT DRIVE)

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	A-ASSEMBLY	1	FOR REFERENCE ONLY	SEE FIGURES 05-51
2	B-ASSEMBLY	1	FOR REFERENCE ONLY	SEE FIGURE 07-01
3	C-ASSEMBLY	1	FOR REFERENCE ONLY	SEE FIGURE 06-01 TO 06-03
4	D-ASSEMBLY	1	FOR REFERENCE ONLY	SEE FIGURE 05-11
5	E-ASSEMBLY	1	FOR REFERENCE ONLY	SEE FIGURE 13-04-06
6	F-ASSEMBLY	1	FOR REFERENCE ONLY	SEE FIGURE 14-13 TO 14-14
7	G-ASSEMBLY	1	FOR REFERENCE ONLY	SEE FIGURE 14-12
8	H-ASSEMBLY	1	FOR REFERENCE ONLY	SEE FIGURE 11-09 TO 11-10





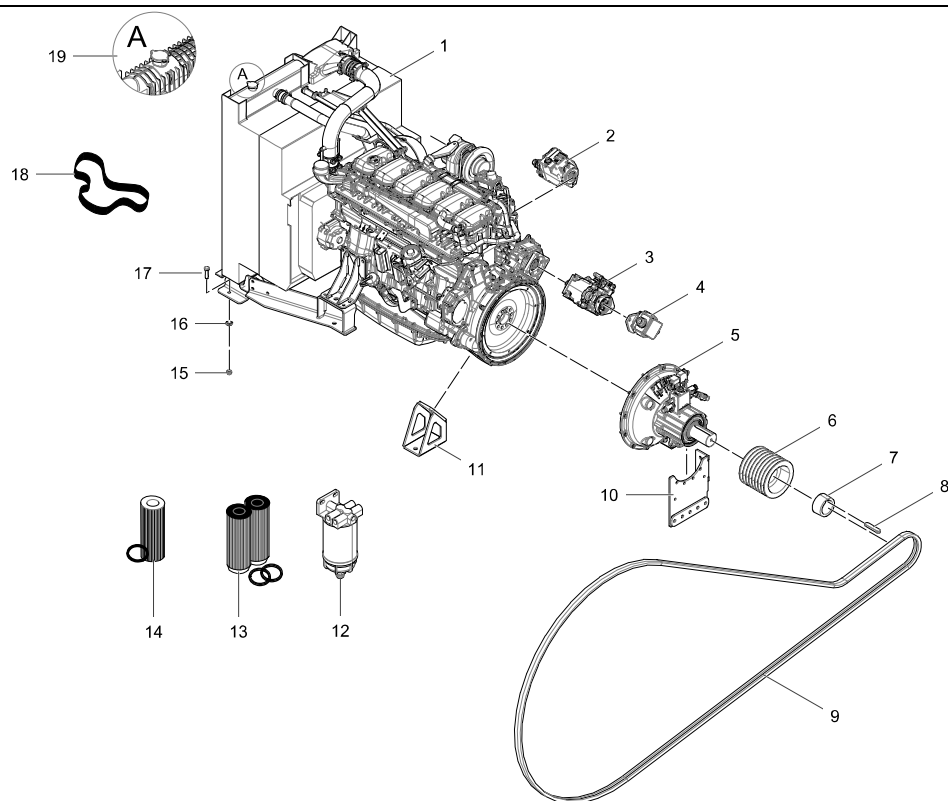


05-51

CONSTANT SPEED SCANIA DC13 ENGINE COMPARTMENT OVERVIEW

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	A-ASSEMBLY	1	FOR REFERENCE ONLY	SEE FIGURE 05-03
2	B-ASSEMBLY	1	FOR REFERENCE ONLY	SEE FIGURES 05-52 AND 05-53
3	C-ASSEMBLY	1	FOR REFERENCE ONLY	SEE FIGURES 05-54
4	D-ASSEMBLY	1	FOR REFERENCE ONLY	SEE FIGURES 05-07 AND 05-08



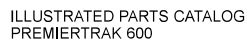


## 05-52

## CONSTANT SPEED SCANIA DC13 ENGINE ASM

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	15.04.3248	1	SCANIA DC13 071A 325/371KW FIXED SPEED EU STAGE IIIA ENGINE WITH PTO	
2	2-ASSEMBLY	1	FOR REFERENCE ONLY	SEE FIGURE 13-04-03
3	3-ASSEMBLY	1	FOR REFERENCE ONLY	SEE FIGURE 13-04-04
4	4-ASSEMBLY	1	FOR REFERENCE ONLY	SEE FIGURE 13-04-02
5	5-ASSEMBLY	1	FOR REFERENCE ONLY	SEE FIGURE 05-10 AND 05-12 TO 05-17
6	13.02.6043	1	T/L PULLEY	
7	13.04.9210	1	TAPERLOCK BUSH	
8	2432-2445	1	KEY 25X14X120 RBE	
9	13.01.3604	4	2 BAND SPC 8100 REDPOWER BELT	
10	PTS-016-058	1	CLUTCH SUPPORT ASM	
11	PTS-001-022	2	SCANIA ENGINE MOUNT	
12	15.07.1031	1	DIESEL WATERTRAP FILTER ELEMENT	
13	15.07.1005	1	FUEL FILTER KIT	
14	15.07.1026	1	OIL FILTER KIT	
15	2217-0670	4	M16 X 2 NYLOC NUT	
16	2212-1005	4	M16 ZINC HARDENED WASHER BS 4395	
17	2230-3225	4	M16-2.00 X 60 ZINC HEX HEAD SET SCREW GR 8.8	
18	15.07.1015	1	POLY-V-BELT	
19	15.07.1057	1	RADIATOR CAP DC09 & DC13 2028388	



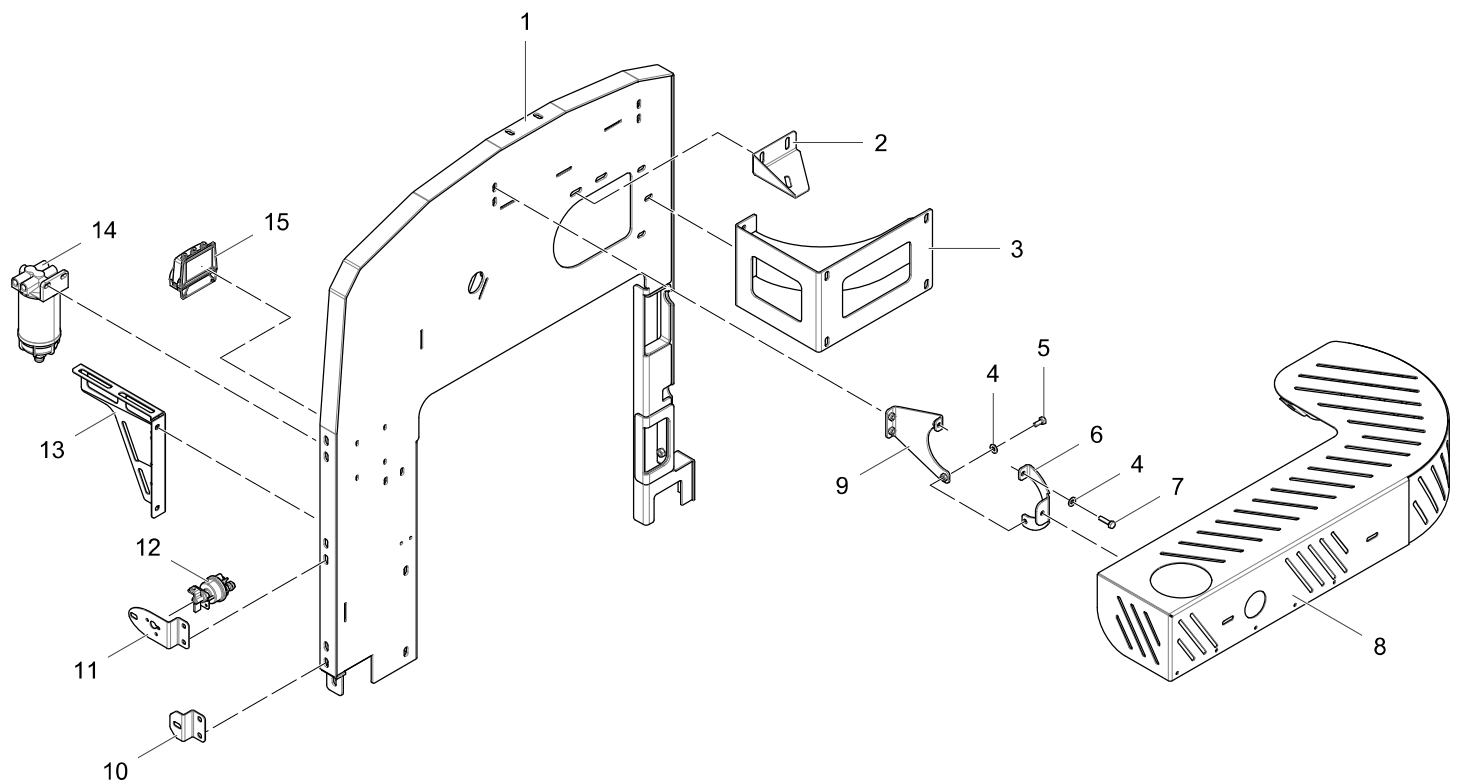


05-53

## CONSTANT SPEED SCANIA DC13 ENGINE AIR FILTER AND EXHAUST ASM

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	PTS-016-140	1	EXHAUST 90° ELBOW WITH SCANIA DC13 TURBO FLANGE	
2	PTS-000-026	1	V-CLAMP	
3	PTS-011-011	1	BELLOW	
4	12.17.0118	3	CLAMP	
5	PTS-016-162	1	EXHAUST 90° ELBOW - PLAIN ENDS	
6	12.17.2086	1	5" RAIN CAP (DOUBLE HINGE)	
7	PTS-016-157	1	PT600 CS EXHAUST TAIL PIECE	
8	PTS-016-156	1	SILENCER ASY - DC13	
9	PTS-016-138	1	EXHAUST MNT FAB	
10	15.31.0138	1	RUBBER LINED CLAMP	
11	PTS-016-064	1	T4F - SCAVENGE HOSE	
12	12-ASSEMBLY	1	FOR REFERENCE ONLY	PTS-000-014-001 - TO ORDER PLEASE CONTACT THE SPARES DEPARTMENT
13	PTS-000-014-002	2	15" SRB AIR FILTER - CLAMP BRACKET	
14	15.07.1003	1	AIR CLEANER 15"	
15	15.07.1004	1	SAFETY CARTRIDGE 15"	
16	T127967	1	FLEX-GEAR HD CT CLAMP 184MM TO 206MM	
17	PTS-016-155	1	DC13 CS RUBBER AIR INTAKE PIPE	
18	12.17.0133	1	BREEZE CT CLAMP	
19	PTS-016-092	1	SUPPORT STAND	



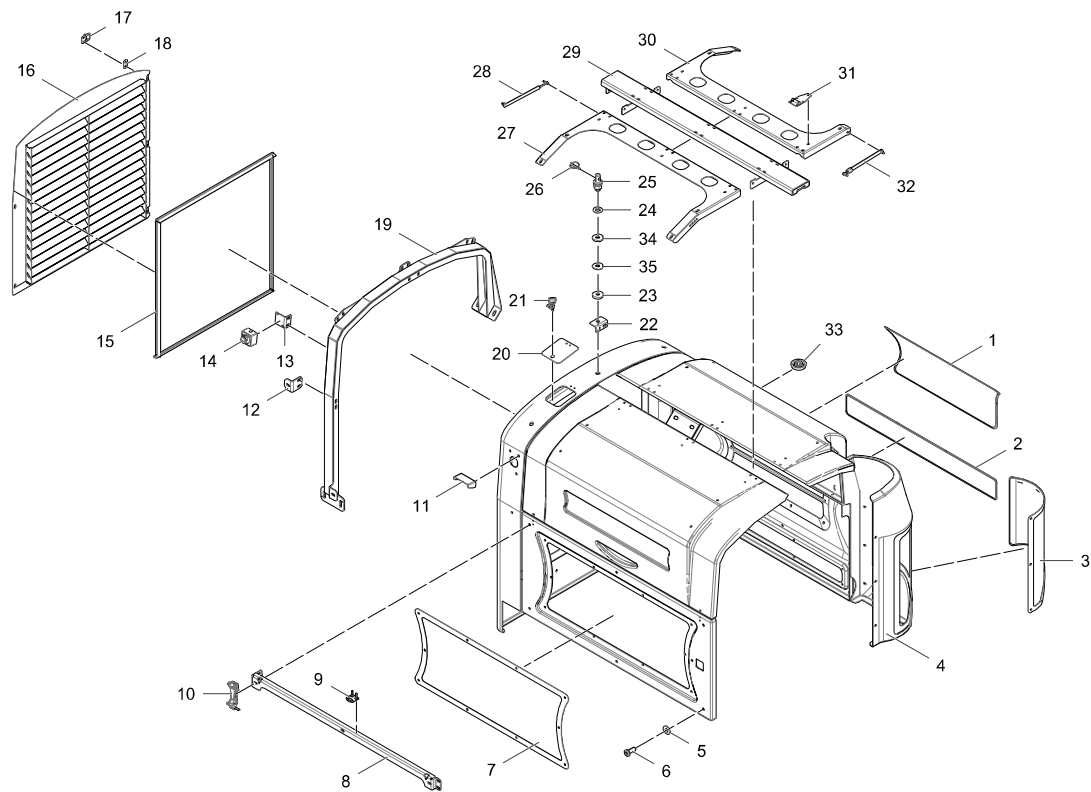


05-54

## CONSTANT SPEED SCANIA DC13 ENGINE COMPARTMENT FRONT ASM

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	PTS-016-153	1	BULKHEAD	
2	PTS-016-158	1	AIR INTAKE BRACKET	
3	PTS-016-059	1	AIR FILTER SUPPORT	
4	2210-0055	4	M10 ZINC FORM C WASHER BS 4320	
5	2230-3121	2	M10-1.50 X 25 ZINC HEX HEAD SET SCREW GR 8.8	
6	PTS-016-161	2	5" EXHAUST CLAMP	
7	2232-7093	2	M10-1.50 X 40 ZINC HEX HEAD BOLT GR 8.8 DIN931	
8	PTS-016-159	1	EXHAUST COVER	
9	PTS-016-160	2	5" EXHAUST CLAMP	
10	PTS-016-101	1	BRACKET	
11	PTS-016-100	1	MNT PLT	
12	2481-1029	1	BATTERY ISOLATOR SWITCH	
13	TC011-017-123	1	CABLE SUPPORT BRACKET	
14	PTS-000-057	2	DIESEL WATERTRAP	SEE FIGURE 13-04-01
15	60502771	7	QPRO MODEM ROW	







05-03

## TIER 4 FINAL AND CONSTANT SPEED SCANIA DC13 ENGINE ENCLOSURE ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	PTS-016-108	1	GRILL	
2	PTS-016-107	1	GRILL	
3	PTS-016-109	1	GRILL	
4	PTS-016-095	1	ENGINE ENCLOSURE - T4 COMPLETE GRP	
5	2210-0055	27	M10 ZINC FORM C WASHER BS 4320	
6	2224-2707	27	M12-1.75 X 30 ZINC BUTTON SOCKET HEAD SET SCREW	
7	PTS-016-106	1	GRILL	
8	PTS-016-102	1	BRACKET	
9	PTS-016-128	4	LOCKING TAB	
10	12.86.3033	4	BONNET FASTNER	
11	PTS-016-099	1	E-STOP COVER	
12	PTS-016-096	1	BRACKET	
13	PTS-016-104	1	ESTOP BRACKET	
14	14.02.0023	1	E STOP HEAVY DUTY	
15	20.15.0010	4	POWERUNIT DOOR EXTRUDED SEAL - FOR SPARES SUPPLY SEE PART CODE 65505135	SOLD BY METER
16	PTS-016-111	1	LOUVRE DOOR T4	
17	12.10.0050	4	HINGE	
18	PTS-016-112	3	HINGE SPACER	
19	PTS-016-093	1	SUPPORT STAND	
20	PTS-016-129	1	FILLER CAP ACCESS LID	
21	12.86.3029	1	WISE ACTION COMP LATCH	
22	PTS-016-097	3	PIN MTG PLT	
23	20.1540.03.02	3	DUST COVER RUBBER DISC	
24	2210-0060	3	M20 WASHER	
25	12.02.0040	3	3/4" UNF STABILISER PIN	
26	12.02.0009	3	6MM LINCH PIN ROUND	
27	PTS-016-098	1	GULL WING DOOR BRACE	
28	12.11.0043	2	GAS STRUT	
29	PTS-016-094	1	ENGINE ENCLOSURE - CROSS MEMBER MWA	



05-03

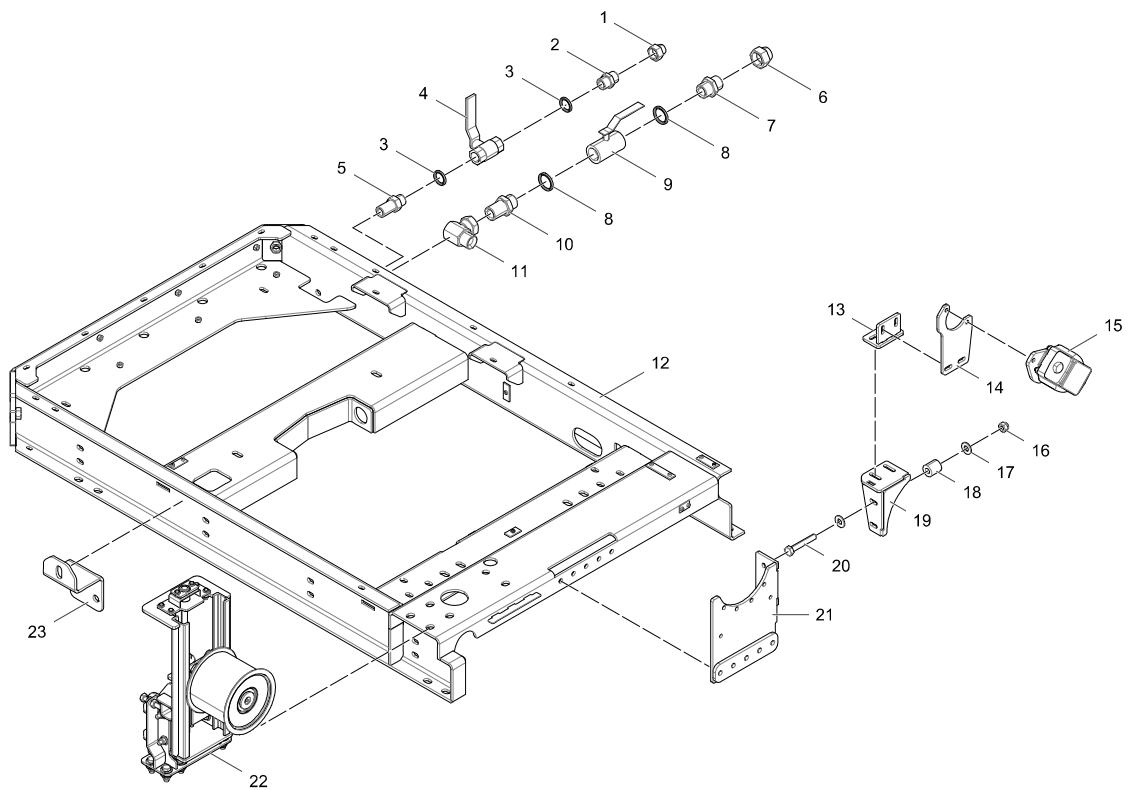
## TIER 4 FINAL AND CONSTANT SPEED SCANIA DC13 ENGINE ENCLOSURE ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
30	PTS-016-113	1	GULL WING DOOR BRACE	
31	12.10.0021	6	JAGGER 2216/005 S/STEEL HINGE	
32	12.11.0044	2	GAS STRUT	
33	14.40.0028	4	PUSH ON FOOT	
34	PTS-016-149	1	10MM RUBBER DISC	FROM SERIAL NO. PIDPT600COMG82726, ECO17294
35	PTS-016-148	1	8MM RUBBER DISC	FROM SERIAL NO. PIDPT600COMG82726, ECO17294



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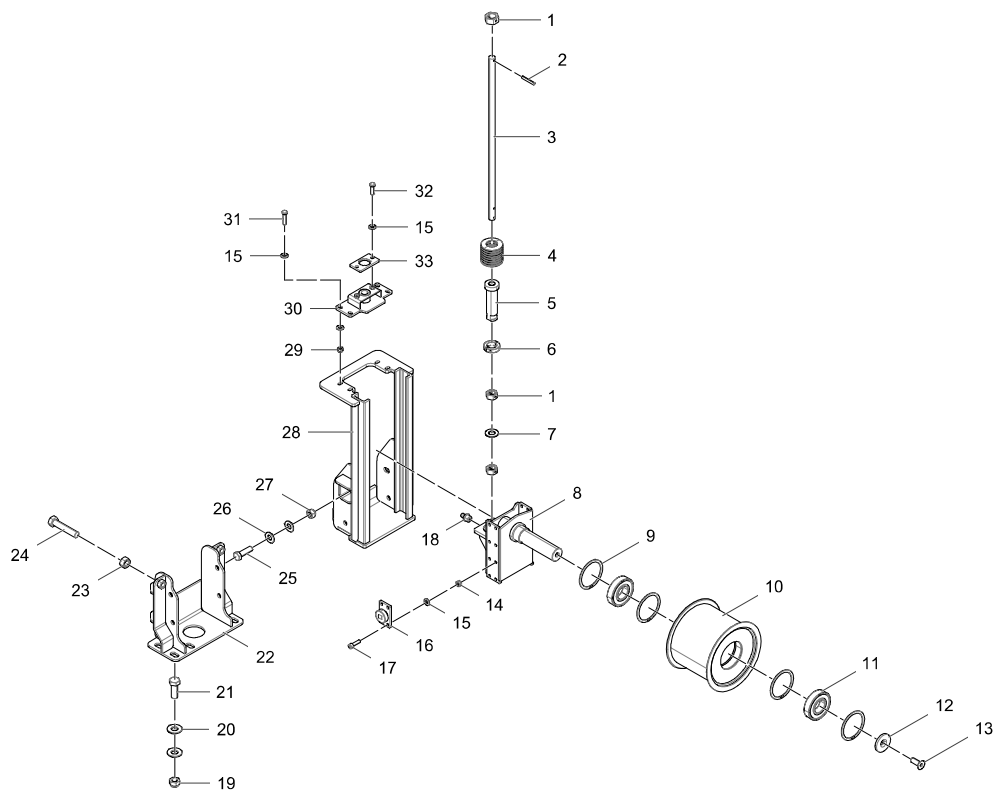


05-07

## TIER 4 FINAL AND CONSTANT SPEED SCANIA DC13 POWERUNIT FRAME AND FITTINGS

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	10.08.0014	1	1/2 FEM. BLANKING CAP ACFB08	
2	10.01.1114	1	1/2" X 1/2" M/M ADAPTOR	
3	10.12.0026	2	1/2" BONDED SEAL	
4	10.16.0048	1	1/2" LOW PRESSURE BALL VALVE	
5	10.03.1114	1	1/2 X 1/2 X 1 1/2 BULK HEAD AD	
6	10.08.0018	1	3/4 FEM. BLANKING CAP	
7	10.01.1118	1	3/4 X 3/4 M/M ADAPTOR	
8	10.12.0027	2	3/4" BONDED SEAL	
9	2550-1005	1	3/4 LOW PRESSURE BALL VALVE	
10	10.03.1118	1	3/4 X 3/4 X 2" BULK HEAD	
11	1920376	1	3/4" X 3/4" 90 DEG M/F BLOCK BEND	
12	PTS-016-054	1	POWERUNIT FRAME MWA	
13	PTS-001-254	1	PUMP SUPPORT BRACKET 3	
14	PTS-001-257	1	PUMP END PLATE - 1000SR	
15	15-ASSEMBLY	1	FOR REFERENCE ONLY	SEE FIGURE 13-04-02
16	2217-0668	6	M12-1.75 ZINC NYLON INSERT LOCK NUT	
17	2210-0056	12	M12 WASHER TYPE C	
18	PTS-001-201	6	M12 BOLT TENSIONING BOSS	
19	PTS-001-253	1	PUMP SUPPORT BRACKET 2	
20	2230-3160	6	M12-1.75 X 75 ZINC HEX HEAD SET SCREW GR 8.8 DIN933	
21	PTS-016-058	1	CLUTCH SUPPORT ASM	
22	22-ASSEMBLY	1	FOR REFERENCE ONLY	SEE FIGURE 05-08
23	PTS-016-103	1	BRACKET	





05-08

## TIER 3, TIER 4 AND CONSTANT SPEED DRIVE BELT TENSIONER ASM

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	2215-0022	3	NUT HEX M30 BS3692 GR8	
2	38.50.08050	3	DIA8X50 ROLL PIN	
3	TC012-017-022	1	TENSIONER ADJUSTER BAR	
4	12.11.0108	1	DISC SPRING	
5	TC012-017-029	1	TENSIONER SLEEVE	
6	13.15.0001	1	SPLIT SHAFT COLLAR	
7	2210-0064	1	M30 BRIGHT WASHER FORM C	
8	TC012-017-021	1	TENSIONER CARRIAGE	
9	12.00.0167	4	140MM INTERNAL CIRCLIP	
10	TC005-017-017	1	IDLER PULLEY MWA	
11	11.00.5000	2	BALL BEARING	
12	1312.10.110.01	1	LAYSHAFT KEEPER PLT	
13	2226-2889	1	M20-2.50X50 ZINC SOCKET HEAD COUNTERSUNK SET SCREW GR 10.9	
14	2217-0698	16	M12-1.75 ZINC NYLON INSERT LOCK NUT GR 10.9	
15	2210-0056	26	M12 WASHER TYPE C	
16	TC005-017-195	4	BEARING FABRICATION	
17	2222-0188	4	CAPSCREW M12X40 BS4168 GR12.9	
18	28.18.0800	1	1/8 BSP GREASE NIPPLE	
19	2217-0674	6	M24 X 3NYLOC NUT	
20	2212-1008	12	M24 ZINC HARDENED WASHER BS 4395	
21	2230-1353	6	SCREW HEX M24X65 BS3692 GR8.8	
22	TC012-017-031	1	ADJUSTER MOUNTING BRACKET	
23	2215-0020	2	NUT HEX M24 GR8	
24	2230-3362	2	M24-3.00 X 120 ZINC HEX HEAD SET SCREW GR 8.8 DIN933	
25	2232-1279	4	BOLT HEX M20X65 BS3692 GR8.8	
26	2212-1006	8	M20 ZINC HARDENED WASHER	
27	2217-0672	4	M20-2.50 ZINC NYLON INSERT LOCK NUT	
28	TC012-017-020	1	TENSIONER MAST	



05-08

TIER 3, TIER 4 AND CONSTANT SPEED DRIVE BELT TENSIONER ASM

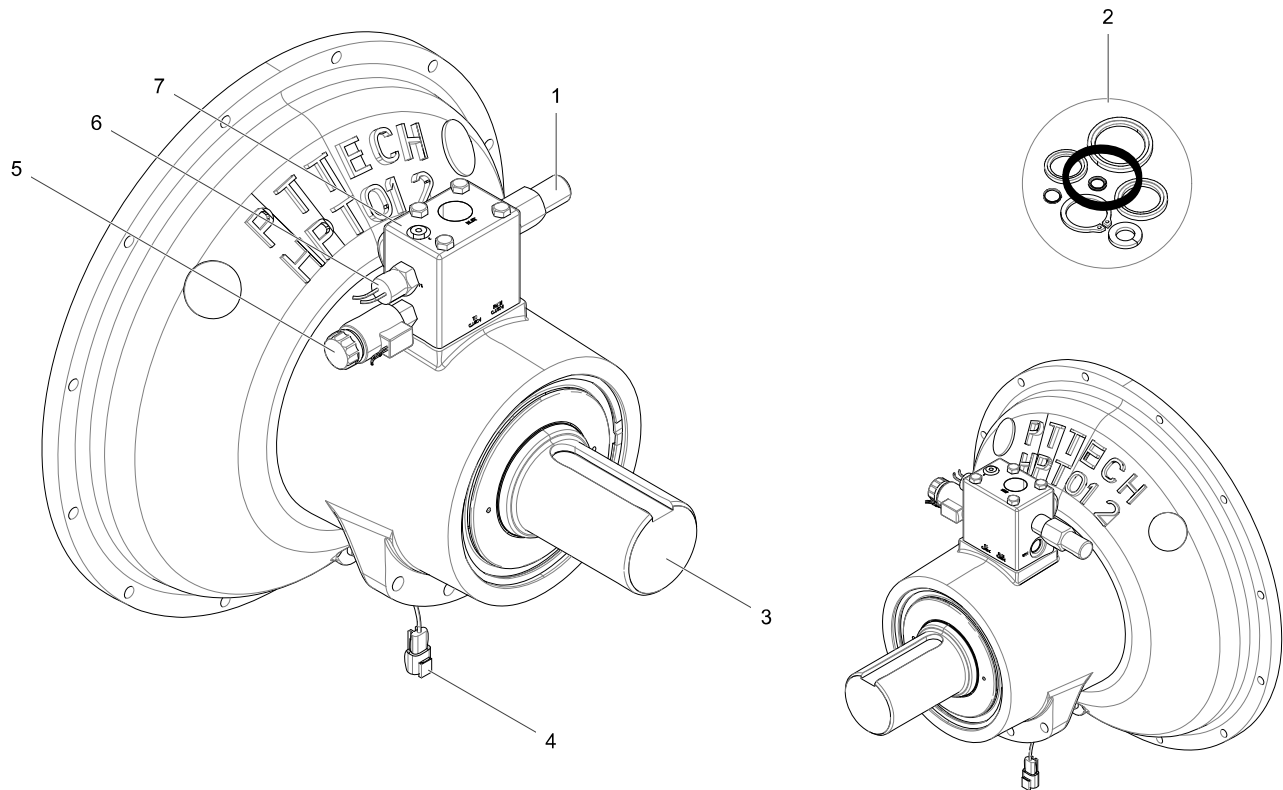
ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
29	2217-0668	4	M12-1.75 ZINC NYLON INSERT LOCK NUT	
30	TC012-017-030	1	ADJUSTER SUPPORT	
31	2232-7129	4	M12-1.75 X 50 ZINC HEX HEAD BOLT GR 8.8	
32	2232-1127	2	BOLT HEX M12X40 BS3692 GR8.8	
33	TC005-017-029	1	LOCKER PLATE	





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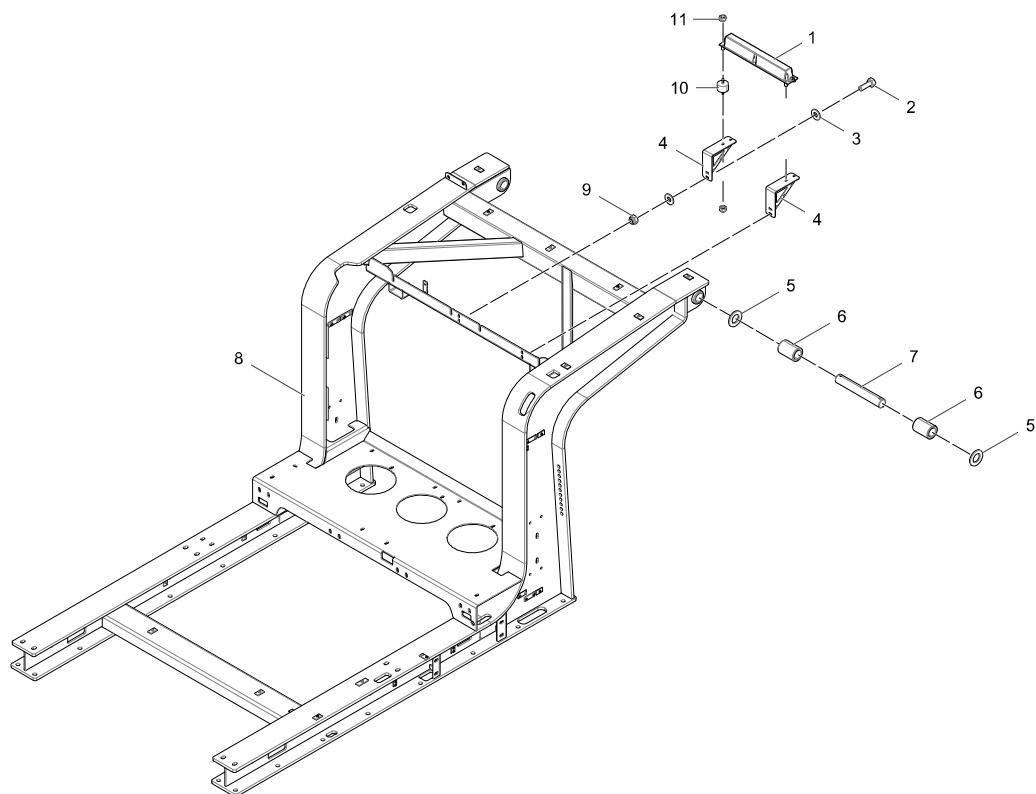




**05-10 PT-TECH 12 DRY CLUTCH ASSEMBLY, HOSES AND FITTINGS FROM SERIAL NO. PIDPT600EOMI15983**

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	2451-9178	1	COIL 24V DC	
1	2451-9179	1	PROPORTIONAL VALVE	
2	2-ASSEMBLY	1	FOR REFERENCE ONLY	SEE FIGURE 05-10 AND 05-12 TO 05-19
3	2451-1629	1	CLUTCH	
4	65505835	1	VR SPEED SENSOR - NEW TYPE	
5	2451-9180	1	SOLENOID VALVE	
6	2452-1611	1	PRESSURE TRANSDUCER	
7	65501467	1	MANIFOLD CLUTCH ASSEMBLY	





05-11

## TIER 3, TIER 4 AND CONSTANT SPEED POWERUNIT SUBFRAME ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	60526058	1	GLOBAL TRAKPAK 4000 AERIAL	
2	2230-3122	4	M10-1.50 X 30 ZINC HEX HEAD SET SCREW GR 8.8 DIN933	
3	2210-0055	8	M10 ZINC FORM C WASHER BS 4320	
4	TC012-001-081	2	ANTENNA MOUNT	
5	2210-2017	4	WASHER BLACK M39 BS4320 FORM E, SAME AS 31.12.0364	
6	AX896-447-001	4	COLLAR	
7	AX896-448-001	2	PIN.PROD CONV	
8	TC012-001-050	1	HORNS W.A.	
9	2217-0667	4	M10-1.50 ZINC NYLON INSERT LOCK NUT	
10	12.09.3005	4	ANTI-VIBE MOUNT 8 X 25MM	
11	2217-0666	8	NUT NYLOC M8X1.25	

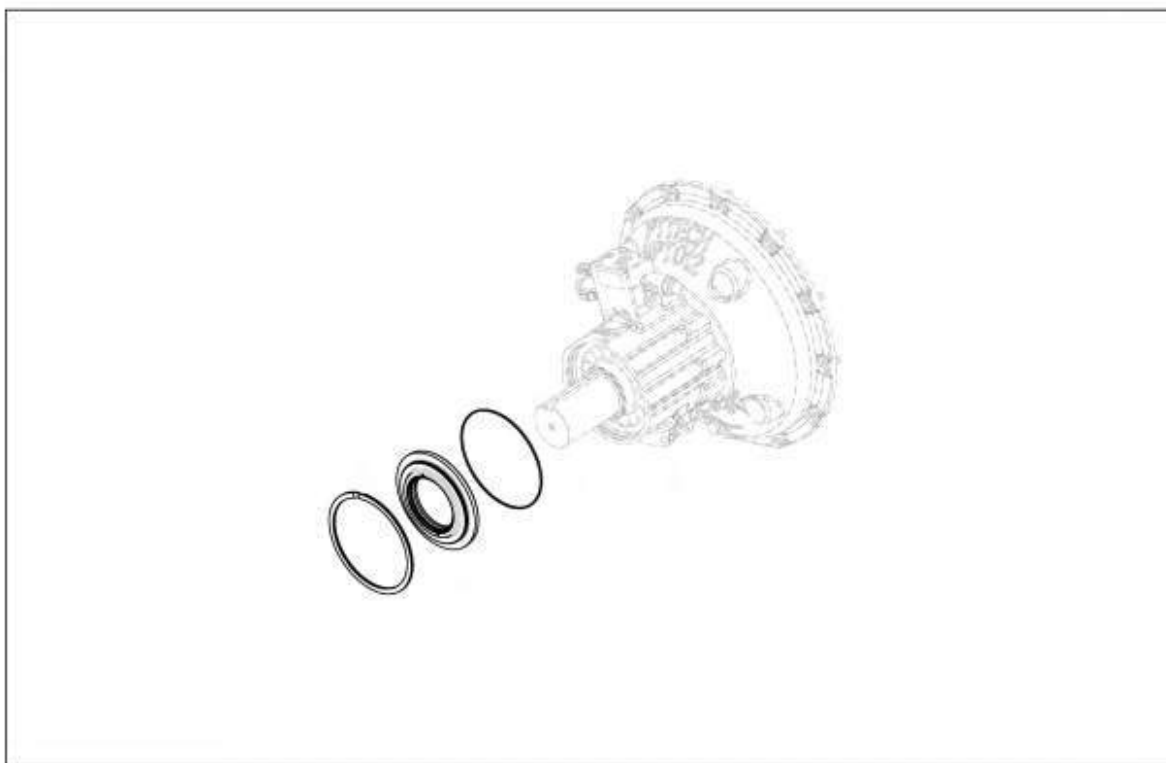




05-12                      OUTER DUAL SEAL KIT EXCL END PLATE (PT TECH CLUTCH) FROM SERIAL NO. PIDPT600EOMI15983

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	65502795	1	OUTER DUAL SEAL KIT EXCL END PLATE	



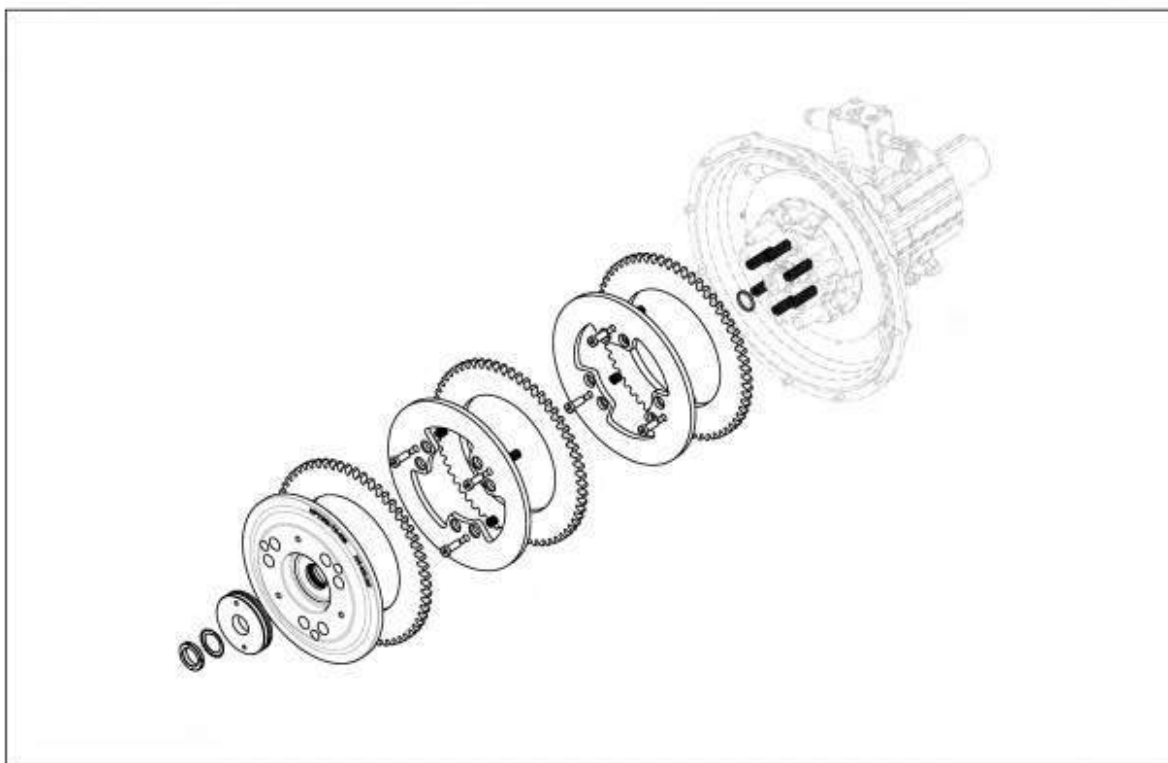




05-12                      OUTER DUAL SEAL KIT INCL END PLATE (PT TECH CLUTCH) FROM SERIAL NO. PIDPT600EOMI15983

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	65502794	1	OUTER DUAL SEAL KIT INCL END PLATE	



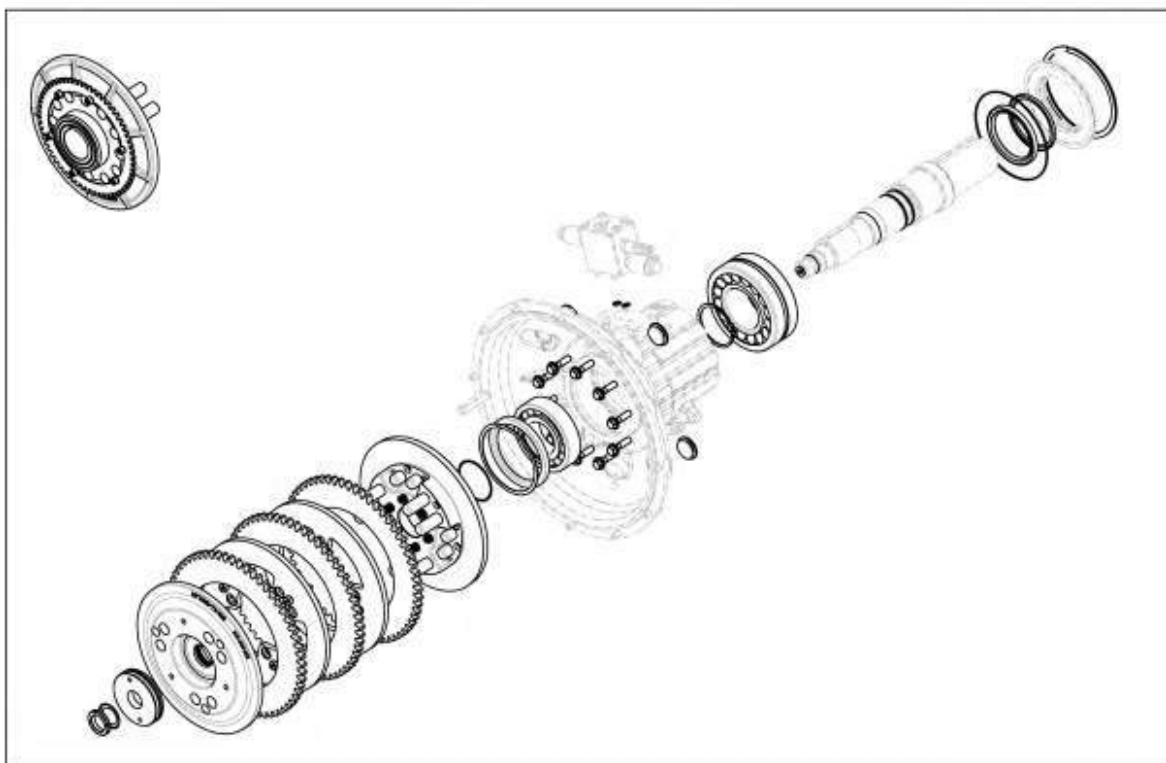


05-13

**FRICTION DISC KIT (PT TECH CLUTCH) FROM SERIAL NO. PIDPT600EOMI15983**

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	65505837	1	12H FRICTION DISC KIT	



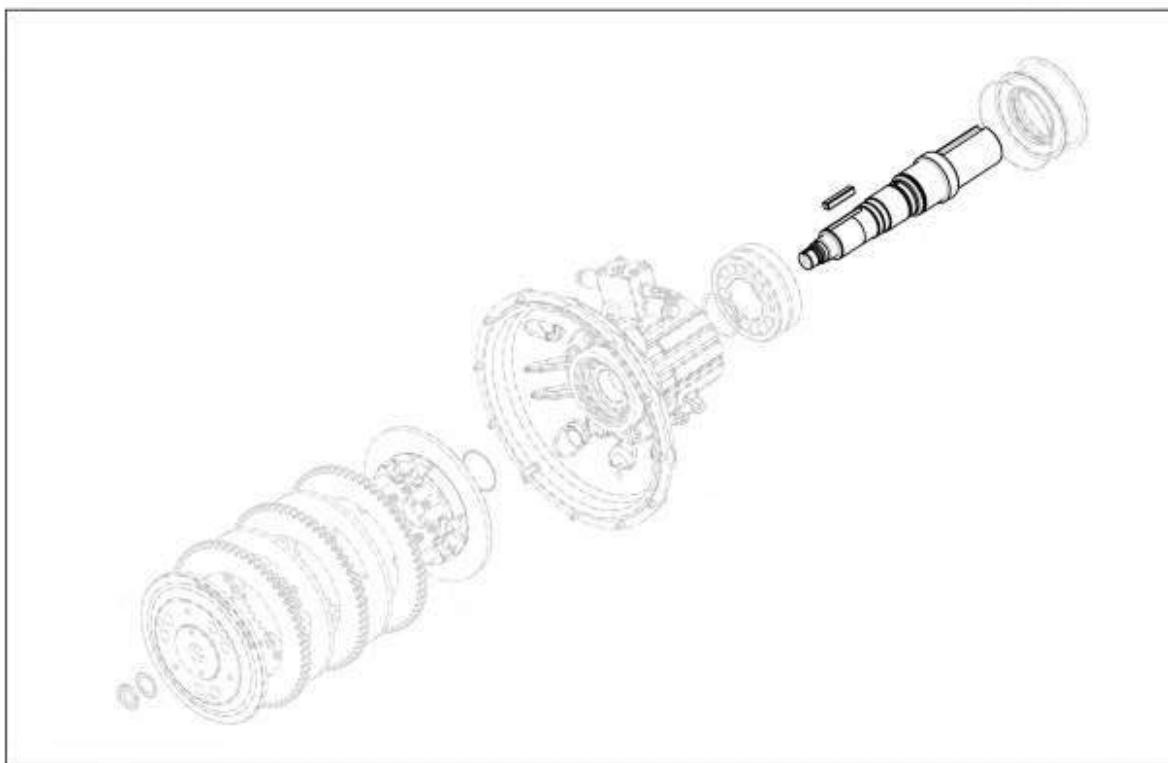


05-16

COMPLETE REBUILD KIT (PT TECH CLUTCH) FROM SERIAL NO. PIDPT600EOMI15983

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	65505839	1	12H-TD COMPLETE REBUILD KIT	





05-17

SHAFT KIT (PT TECH CLUTCH) FROM SERIAL NO. PIDPT600EOMI15983

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	2451-9174	1	SHAFT KIT	

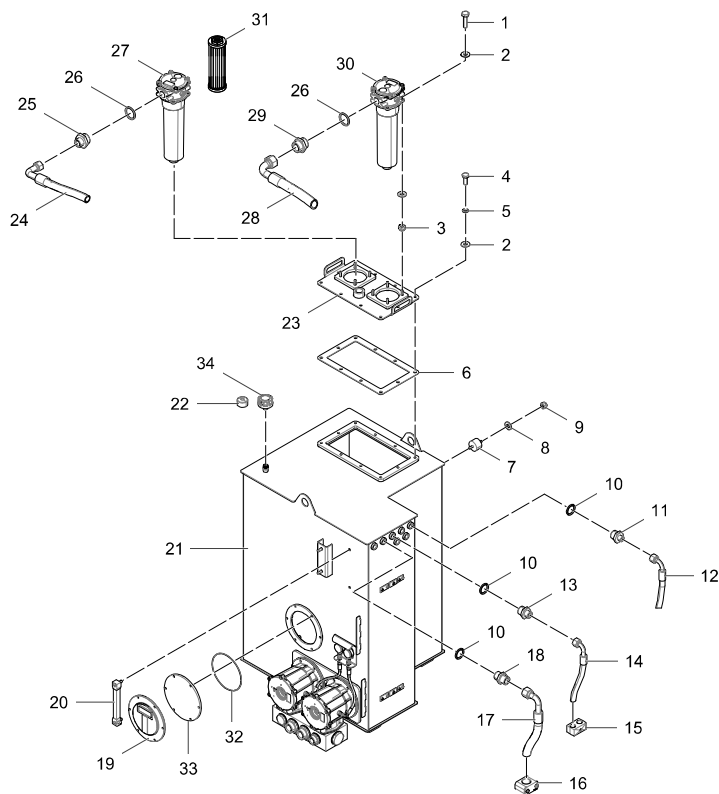






**INNER SEAL KIT (PT TECH CLUTCH) FROM SERIAL NO. PIDPT600EOMI15983**

ILLUSTRATED PARTS CATALOG  
PREMIERTRAK 600



## 06-01

## HYDRAULIC TANK ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	2230-3124	8	M10-1.50 X 40 ZINC HEX HEAD SET SCREW GR 8.8 DIN933	
2	2210-0055	26	M10 ZINC FORM C WASHER BS 4320	
3	2217-0667	8	M10-1.50 ZINC NYLON INSERT LOCK NUT	
4	2232-7090	10	M10-1.50 X 25 ZINC HEX HEAD BOLT GR 8.8 DIN931	
5	2211-1007	10	M10 ZINC FORM A SPRING WASHER BS 4664	
6	TC012-012-008	1	HYDRAULIC TANK COVER GASKET	
7	12.09.0082	2	ANTI-VIB MOUNT	
8	2210-0056	2	M12 WASHER TYPE C	
9	2217-0668	2	M12-1.75 ZINC NYLON INSERT LOCK NUT	
10	10.12.0027	3	3/4" BONDED SEAL	
11	10.01.1111	1	3/8X3/4 MALE/MALE ADAPTOR	
12	TC01201-115	1	PRODUCT CONVEY CASE DRAIN - CHASSIS BH -> TANK TOP	
13	10.01.1115	1	1/2 X 3/4 M/M ADAPTOR	
14	TC01217-037	1	LS TEE -> TANK LID	
14	TC01217-089	1	PUMP 2 CASE DRAIN PIPE	
15	10.26.0079	2	GRP 3 20MM DOUBLE CLAMP-SMOOTH & TOP	
16	10.26.0085	2	28MM SINGLE CLAMP-SMOOTH & TOP PLATE	
17	TC01217-033	1	CLUTCH BYPASS -> TANK LID	
18	10.01.1118	1	3/4 X 3/4 M/M ADAPTOR	
19	2580-8005	1	INSPECTION COVER.	UPTO SERIAL NO. PIDPT600VOMG92919, ECO19213
20	2589-2105	1	FLUID LEVEL SENSOR	
21	21-ASSEMBLY	1	FOR REFERENCE ONLY	SEE FIGURE 06-02 TO 06-03
22	10.23.6555	1	AIR BREATHER	UPTO SERIAL NO. PIDPT600VOMG92919, ECO19213
23	TC012-012-005	1	HYDRAULIC TANK COVER	
24	TC01217-042	1	PVG 1 RTN - HYD CAB BH -> RTN MANIFOLD	
25	10.01.1123	1	1" X 1 1/4 M/M ADAPTOR	
26	10.12.0029	3	1 1/4 BONDED SEAL	
27	12590754	1	RETURN LINE FILTER	SEE ITEM 31 FOR FILTER ELEMENT



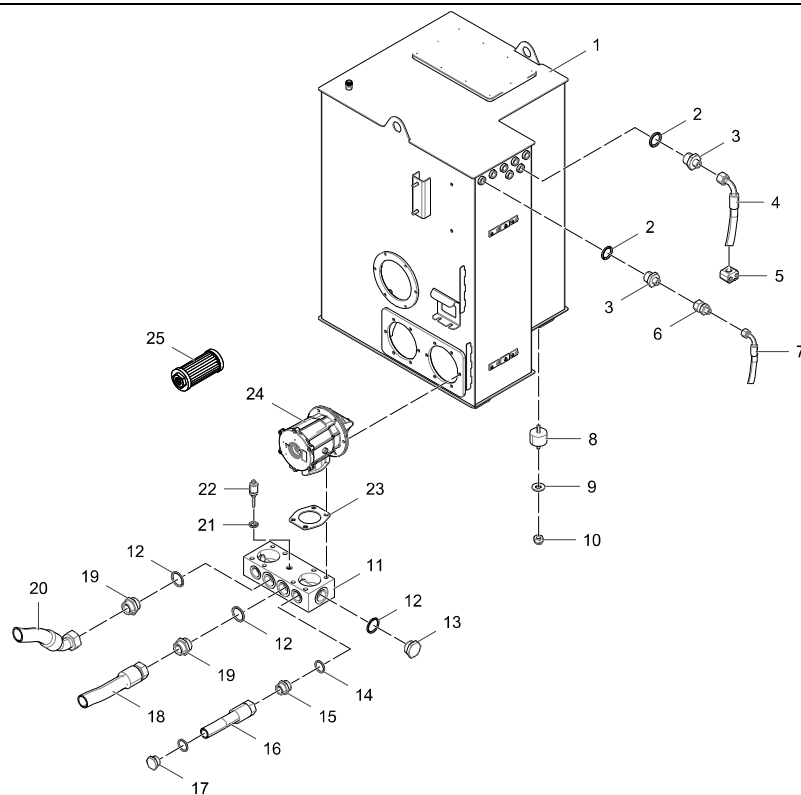
## 06-01

## HYDRAULIC TANK ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
28	TC01217-028	1	OIL COOLER -> RTN FILTER	
29	10.01.1128	2	1 1/4 X 1 1/4 M/M ADAPTOR	
30	10.21.3411	1	RETURN LINE FILTER	SEE ITEM 31 FOR FILTER ELEMENT
31	10.21.3413	2	FILTER ELEMENT FOR 10.21.3411	
32	10.18.6103	1	O-RING BS 4518 219.5 MM ID X 3 MM	FROM SERIAL NO. PIDPT600VOMG92920, ECO19213
33	TC017-012-005-012	1	INSPECTION PLATE	FROM SERIAL NO. PIDPT600VOMG92920, ECO19213
34	2531-1022	1	3/4" BSP PRESSURISATION BREATHER	FROM SERIAL NO. PIDPT600VOMG92920, ECO19213



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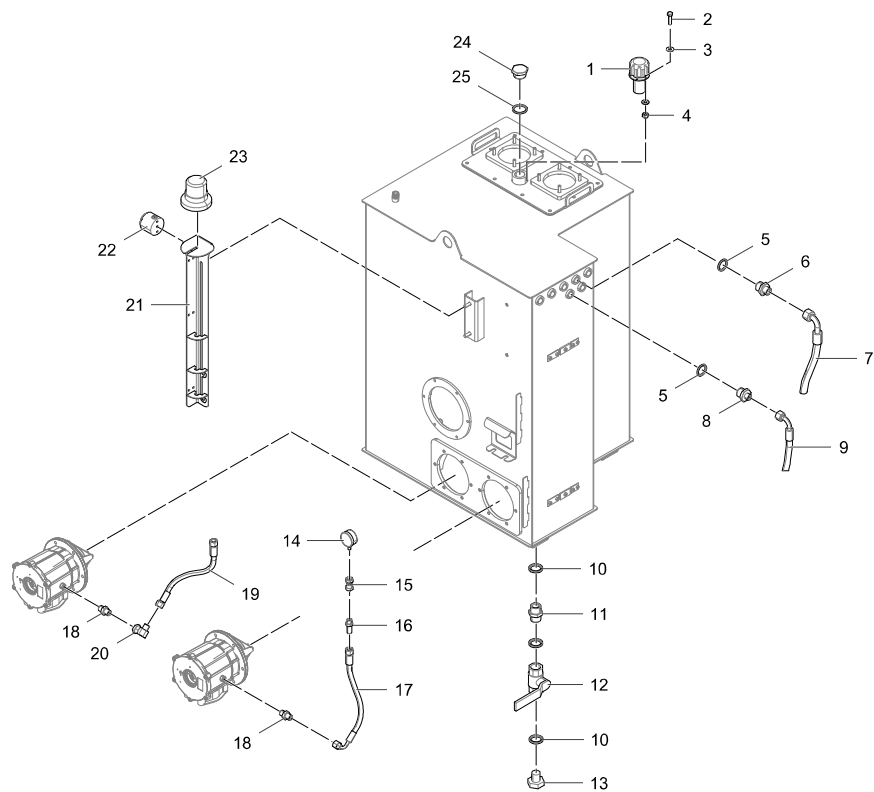


06-02

## HYDRAULIC TANK ASSEMBLY\_1

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	TC012-012-004	1	HYD TANK FAB	
2	10.12.0027	2	3/4" BONDED SEAL	
3	10.01.1111	2	3/8X3/4 MALE/MALE ADAPTOR	
4	TC01201-112	1	TRACK SAFETY DIVERT - HYD CAB BH -> TANK PORT	
5	10.26.0095	2	16MM SINGLE PIPE CLAMP 216-PPH (SMOOTH) W/O W/PLATE	
6	10.01.1208	1	3/8 X 1/4 M/F SWIVEL ADAPTOR	
7	TC01210-024	1	MOTOR CASE DRAIN -> TANK LID	
8	12.09.1055	4	ANTI-VIB MOUNT	
9	2210-0056	4	M12 WASHER TYPE C	
10	2217-0668	4	M12-1.75 ZINC NYLON INSERT LOCK NUT	
11	TC011-012-005	1	SUCTION MANIFOLD	
12	10.12.0032	4	2" BONDED SEAL MDBS132	
13	10.09.0034	2	MALE BLANKING CAP 2"	
14	10.12.0030	2	1 1/2 BONDED SEAL	
15	10.01.1132	1	11/2 X1 1/2 M/M ADAPTOR	
16	TC01217-022	1	SUCTION BLK -> PRE-SCREEN PUMP	
17	10.09.0032	2	1 1/2 MALE BLANKING PLUG	
18	TC01217-084	1	PUMP 1 SUCTION HOSE	
19	10.01.1140	2	2"M PARALLEL/2"M PARALLEL AMB32-MB32	
20	TC01217-085	1	PUMP 2 SUCTION HOSE	
21	10.12.0024	1	1/4 BONDED SEAL	
22	60541101	1	TEMP SENSOR	DIRECT REPLACEMENT FOR ITEM 22 PART NO. 60541043, ECO21801
22	60541043	1	TEMP SENSOR	REPLACED BY ITEM 22 PART NO. 60541101, ECO21801
23	TC012-012-011	2	3MM NEOPRENE BONDED CORK SUCTION GASKET	DIRECT REPLACEMENT FOR ITEM 23 PART NO. TC011-012-006, ECO17294
23	TC011-012-006	2	SUCTION MANIFOLD GASKET	REPLACED BY ITEM 23 PART NO. TC012-012-011, ECO17294
24	10.21.3416	2	SUCTION FILTER	SEE ITEM 25 FOR FILTER ELEMENT
25	10.21.3418	2	FILTER ELEMENT FOR 10.21.3416 SUCTION FILTER	





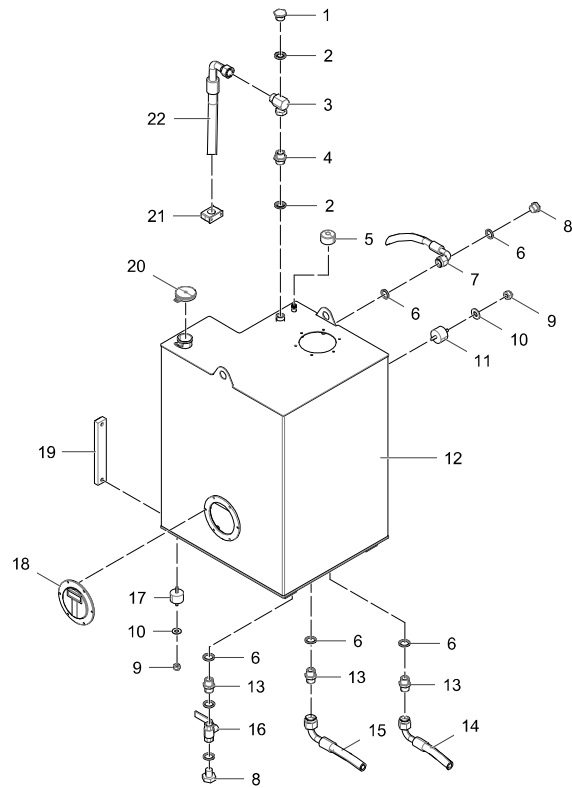


06-03

## HYDRAULIC TANK ASSEMBLY\_2

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	10.22.5020	1	FILLER CAP	UPTO SERIAL NO. PIDPT600VOMG92919, ECO19213
2	2230-3041	6	M5-0.80 X 20 ZINC HEX HEAD SET SCREW GR 8.8	UPTO SERIAL NO. PIDPT600VOMG92919, ECO19213
3	2210-0052	12	M5 ZINC WASHER FORM C BS 4320	UPTO SERIAL NO. PIDPT600VOMG92919, ECO19213
4	2217-0664	6	M5-0.80 ZINC NYLON INSERT LOCK NUT	UPTO SERIAL NO. PIDPT600VOMG92919, ECO19213
5	10.12.0027	2	3/4" BONDED SEAL	
6	10.01.1115	1	1/2 X 3/4 M/M ADAPTOR	
7	TC01201-086	1	CASE DRAIN STEEL PIPE - > TOP OF TANK	
8	10.01.1111	1	3/8X3/4 MALE/MALE ADAPTOR	
9	TC01217-047	1	HYD WATER PUMP - MOTOR CASE DRAIN -> TANK TOP	
10	10.12.0026	3	1/2" BONDED SEAL	
11	10.01.1114	1	1/2" X 1/2" M/M ADAPTOR	
12	10.16.0048	1	1/2" LOW PRESSURE BALL VALVE	
13	10.09.0014	1	1/2" MALE BLANKING PLUG	
14	2538-0059	2	PRESSURE GAUGE -TYPE V	
15	12260147	2	BSP1/4"X1/4" F/F SWIVEL ADAPTOR (01727)	
16	10.03.1105	2	1/4 BSP BULKHEAD C/W NUT ABH/MB04	
17	TC01212-002	1	SUCTION GUAGE PIPE	
18	10.01.1105	2	1/4X1/4 MALE/MALE ADAPTOR	
19	TC01212-001	1	SUCTION GUAGE PIPE	
20	10.02.1203	1	1/4"BSP X 1/4" BSP M/F 90 COMPACT ELBOW	
21	TC012-017-010	1	BEACON MOUNT ARM	
22	14.65.0004	1	WARNING SOUNDER	UPTO SERIAL NO. PIDPT600VOMG92919, ECO19213
23	60545006	1	AMBER BEACON	
24	10.09.0032	1	1 1/2 MALE BLANKING PLUG	FROM SERIAL NO. PIDPT600VOMG92920, ECO19213
25	10.12.0030	1	1 1/2 BONDED SEAL	FROM SERIAL NO. PIDPT600VOMG92920, ECO19213



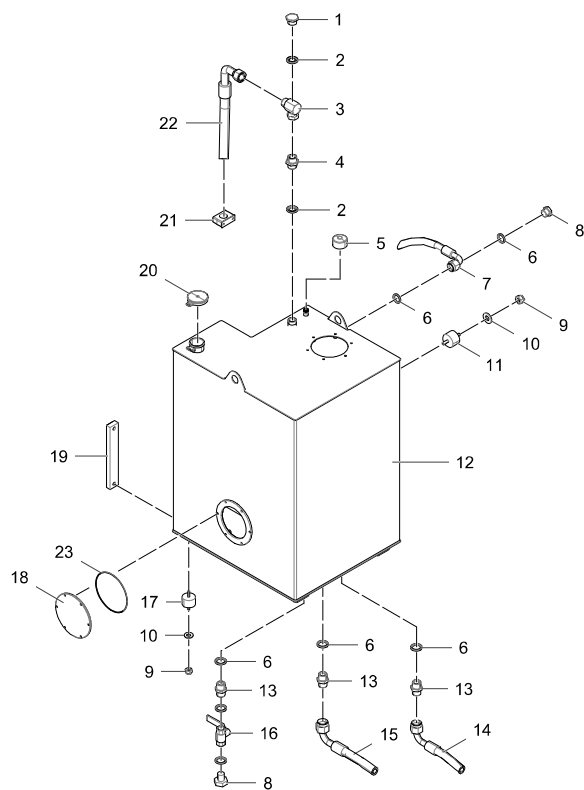


07-01

## FUEL TANK ASM UPTO SERIAL NO. PIDPT600LOMH13559

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	10.09.0022	1	1" MALE BUNG	
2	10.12.0028	2	1" BONDED SEAL	
3	10.02.2234	1	1" M/F COMPACT 90 ELBOW	
4	10.01.1122	1	1" X 1" M/M ADAPTOR	
5	10.23.6555	1	AIR BREATHER	
5	10.01.2217	1	3/4" MF SWIVEL ADAPTOR	
6	10.12.0026	6	1/2" BONDED SEAL	
7	TC01217-092	1	DIESEL RETURN PIPE	
8	10.09.0014	2	1/2" MALE BLANKING PLUG	
9	2217-0668	6	M12-1.75 ZINC NYLON INSERT LOCK NUT	
10	2210-0056	6	M12 WASHER TYPE C	
11	12.09.0082	2	ANTI-VIB MOUNT	
12	TC012-013-002	1	DIESEL TANK FAB	
13	10.01.1114	3	1/2" X 1/2" M/M ADAPTOR	
14	TC01217-051	1	FUEL PIPE TANK > ENGINE	
15	TC01217-093	1	DIESEL FEED PIPE TANK>WATER TRAP	
15	TC01217-050	1	FUEL PIPE WATER TRAP>TANK	
16	10.16.0048	1	1/2" LOW PRESSURE BALL VALVE	
17	12.09.1055	4	ANTI-VIB MOUNT	
18	2580-8005	2	INSPECTION COVER.	
19	10.23.5004	3	LEVEL GUAGE	
20	10.22.6750	1	FILLER CAP ASSEMBLY	
21	10.26.0082	3	GRP 5 38MM SINGLE CLAMP (SMOOTH) & TOP PLT	
22	TC01217-003	1	PRESSURE HOSE - FILTER TO TANK	



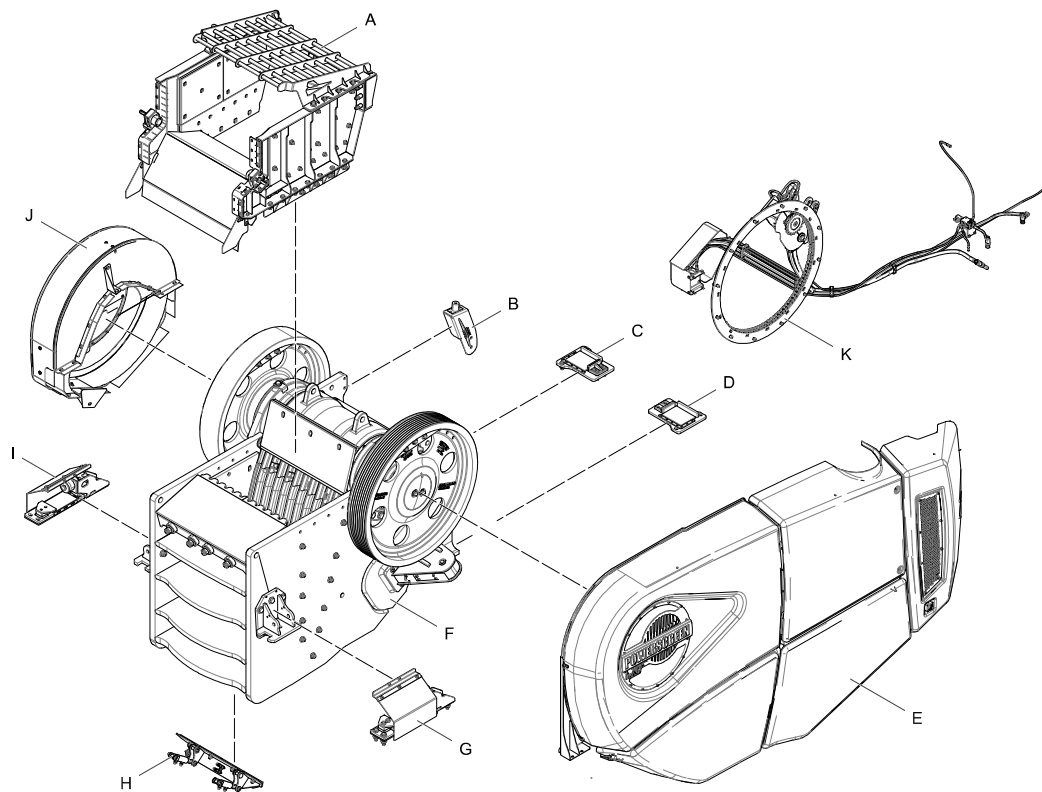


07-01

## FUEL TANK ASM FROM SERIAL NO. PIDPT600LOMH13560

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	10.09.0022	1	1" MALE BUNG	
2	10.12.0028	2	1" BONDED SEAL	
3	10.02.2234	1	1" M/F COMPACT 90 ELBOW	
4	10.01.1122	1	1" X 1" M/M ADAPTOR	
5	10.01.2217	1	3/4" MF SWIVEL ADAPTOR	
5	10.23.6555	1	AIR BREATHER	
6	10.12.0026	6	1/2" BONDED SEAL	
7	TC01217-092	1	DIESEL RETURN PIPE	
8	10.09.0014	2	1/2" MALE BLANKING PLUG	
9	2217-0668	6	M12-1.75 ZINC NYLON INSERT LOCK NUT	
10	2210-0056	6	M12 WASHER TYPE C	
11	12.09.0082	2	ANTI-VIB MOUNT	
12	TC012-013-002	1	DIESEL TANK FAB	
13	10.01.1114	3	1/2" X 1/2" M/M ADAPTOR	
14	TC01217-051	1	FUEL PIPE TANK > ENGINE	
15	TC01217-050	1	FUEL PIPE WATER TRAP>TANK	
15	TC01217-093	1	DIESEL FEED PIPE TANK>WATER TRAP	
16	10.16.0048	1	1/2" LOW PRESSURE BALL VALVE	
17	12.09.1055	4	ANTI-VIB MOUNT	
18	TC017-012-005-012	2	INSPECTION PLATE	
19	10.23.5004	3	LEVEL GUAGE	
20	10.22.6750	1	FILLER CAP ASSEMBLY	
21	10.26.0082	3	GRP 5 38MM SINGLE CLAMP (SMOOTH) & TOP PLT	
22	TC01217-003	1	PRESSURE HOSE - FILTER TO TANK	





08-01

## JAW ASSEMBLY - OVERVIEW

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	A-ASSEMBLY	1	FOR REFERENCE ONLY	SEE FIGURE 14-01 TO 14-03
2	B-ASSEMBLY	1	FOR REFERENCE ONLY	SEE FIGURE 13-07-02
3	C-ASSEMBLY	1	FOR REFERENCE ONLY	SEE FIGURE 08-16
4	D-ASSEMBLY	1	FOR REFERENCE ONLY	SEE FIGURE 08-16
5	E-ASSEMBLY	1	FOR REFERENCE ONLY	SEE FIGURE 14-04 TO 14-08
6	F-ASSEMBLY	1	FOR REFERENCE ONLY	SEE FIGURE 08-02 TO 08-14
7	G-ASSEMBLY	1	FOR REFERENCE ONLY	SEE FIGURE 08-17
8	H-ASSEMBLY	1	FOR REFERENCE ONLY	SEE FIGURE 14-10
9	I-ASSEMBLY	1	FOR REFERENCE ONLY	SEE FIGURE 08-15
10	J-ASSEMBLY	1	FOR REFERENCE ONLY	SEE FIGURE 14-09
11	K-ASSEMBLY	1	FOR REFERENCE ONLY	SEE FIGURE 08-20







08-02

## JAW MAIN CONSUMABLE PARTS

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	CR021-020-501	1	JAWSTOCK PROTECTOR GUARD	
2	J54AX1173B	8	WASHER*URETHANE	
3	31.10.0706	8	WASHER-COMPRESSION	
4	2215-0024	8	NUT HEX M36 BS3692 GR8	
5	2215-0122	8	M36-4.0 PLAIN HEX HEAD LOCKNUT GR 8.8 BS3692	
6	CW021-018-MN220	1	MOVING JAW WEDGE DS - QUARRY TOOTH 22% MANGANESE	OPTION
6	CW021-018-MN180	1	MOVING JAW WEDGE DS - QUARRY TOOTH 18% MANGANESE	OPTION
6	CW021-014-MN180	1	MOVING JAW WEDGE DS - SUPERTOOTH 18% MANGANESE	STANDARD
6	CW021-014-MN220	1	MOVING JAW WEDGE DS - SUPERTOOTH 22% MANGANESE	OPTION
7	CW021-001-MN220	1	MOVING JAW LINER, SUPER TOOTH 22% MANGANESE	OPTION
7	CW021-001-MN180	1	MOVING JAW LINER, SUPER TOOTH 18% MANGANESE	STANDARD
7	CW021-003-MN220	1	MOVING JAW LINER, QUARRY TOOTH 22% MANGANESE	OPTION
7	CW021-003-MN180	1	MOVING JAW LINER, QUARRY TOOTH 18% MANGANESE	OPTION
8	CR021-002-003	1	SWING JAW BACKING PLATE	
9	2217-0011	22	NUT	
10	2212-2008	22	WASHER HARDENEDM24BS4395	
11	2232-8357	22	M24-3.00 X 120 BLACK HEX HEAD BOLT GR 12.9	
12	CW021-032-AR500	1	CHEEK LINER, UPPER DS	
13	CW021-034-AR500	1	CHEEK LINER, MIDDLE DS	
14	CW021-036-AR500	1	CHEEK LINER, LOWER DS	
15	J54AX1173A	4	WASHER CUP	
16	CR021-014-001	4	FIXED JAW WEDGE BOLT	
17	CW021-037-AR500	1	CHEEK LINER, LOWER NDS	
18	CW021-035-AR500	1	CHEEK LINER, MIDDLE NDS	



## 08-02

## JAW MAIN CONSUMABLE PARTS

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
19	CW021-033-AR500	1	CHEEK LINER, UPPER NDS	
20	CR021-003-012	1	FIXED JAW RETAINER	
21	CR021-003-020	1	FIXED JAW BACKING PLATE	
22	CW021-002-MN180	1	JAW LINER, FIXED, SUPER TOOTH 18% MANGANESE	STANDARD
22	CW021-004-MN220	1	JAW LINER, FIXED, QUARRY TOOTH 22% MANGANESE	OPTION
22	CW021-004-MN180	1	JAW LINER, FIXED, QUARRY TOOTH 18% MANGANESE	OPTION
22	CW021-002-MN220	1	JAW LINER, FIXED, SUPER TOOTH 22% MANGANESE	OPTION
23	CW021-019-MN220	1	FIXED JAW WEDGE DS - QUARRY TOOTH 22% MANGANESE	OPTION
23	CW021-019-MN180	1	FIXED JAW WEDGE DS - QUARRY TOOTH 18% MANGANESE	OPTION
23	CW021-015-MN180	1	FIXED JAW WEDGE DS - SUPERTOOTH 18% MANGANESE	STANDARD
23	CW021-015-MN220	1	FIXED JAW WEDGE DS - SUPERTOOTH 22% MANGANESE	OPTION
24	CW021-017-MN180	1	FIXED JAW WEDGE NDS - QUARRY TOOTH 18% MANGANESE	OPTION
24	CW021-013-MN220	1	FIXED JAW WEDGE NDS - SUPERTOOTH 22% MANGANESE	OPTION
24	CW021-013-MN180	1	FIXED JAW WEDGE NDS - SUPERTOOTH 18% MANGANESE	STANDARD
24	CW021-017-MN220	1	FIXED JAW WEDGE NDS - QUARRY TOOTH 22% MANGANESE	OPTION
25	CR021-013-001	4	WEDGE BOLT	
26	CW021-016-MN180	1	MOVING JAW WEDGE NDS - QUARRY TOOTH 18% MANGANESE	OPTION
26	CW021-012-MN220	1	MOVING JAW WEDGE NDS - SUPERTOOTH 22% MANGANESE	OPTION
26	CW021-016-MN220	1	MOVING JAW WEDGE NDS - QUARRY TOOTH 22% MANGANESE	OPTION

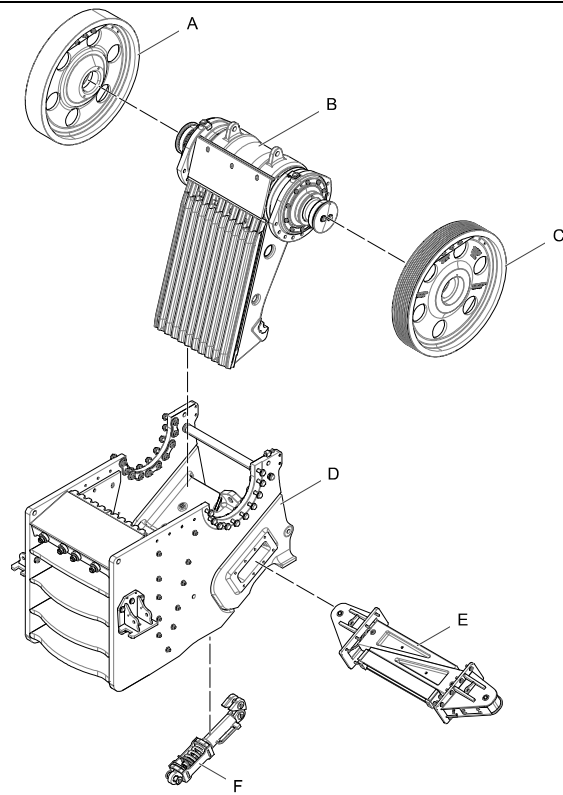


08-02

JAW MAIN CONSUMABLE PARTS

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
26	CW021-012-MN180	1	MOVING JAW WEDGE NDS - SUPERTOOTH 18% MANGANESE	STANDARD



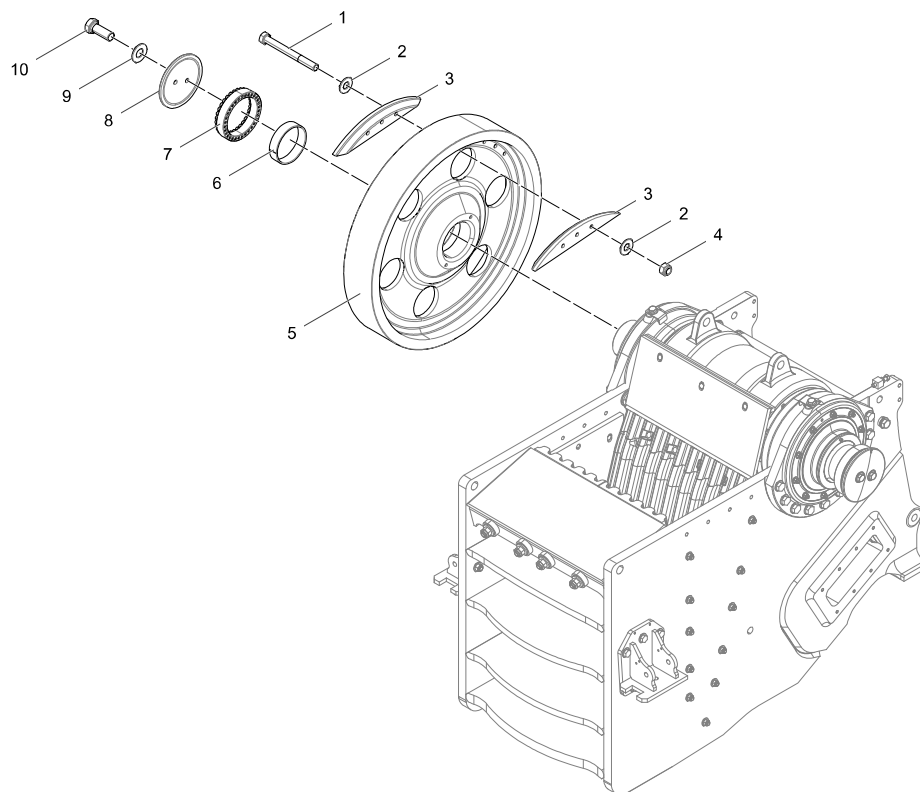


08-03

JAW BREAKDOWN

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	A-ASSEMBLY	1	FOR REFERENCE ONLY	SEE FIGURE 08-04
2	B-ASSEMBLY	1	FOR REFERENCE ONLY	SEE FIGURE 08-06 TO 08-10
3	C-ASSEMBLY	1	FOR REFERENCE ONLY	SEE FIGURE 08-05
4	D-ASSEMBLY	1	FOR REFERENCE ONLY	SEE FIGURE 08-12 TO 08-13
5	E-ASSEMBLY	1	FOR REFERENCE ONLY	SEE FIGURE 08-14
6	F-ASSEMBLY	1	FOR REFERENCE ONLY	SEE FIGURE 08-11



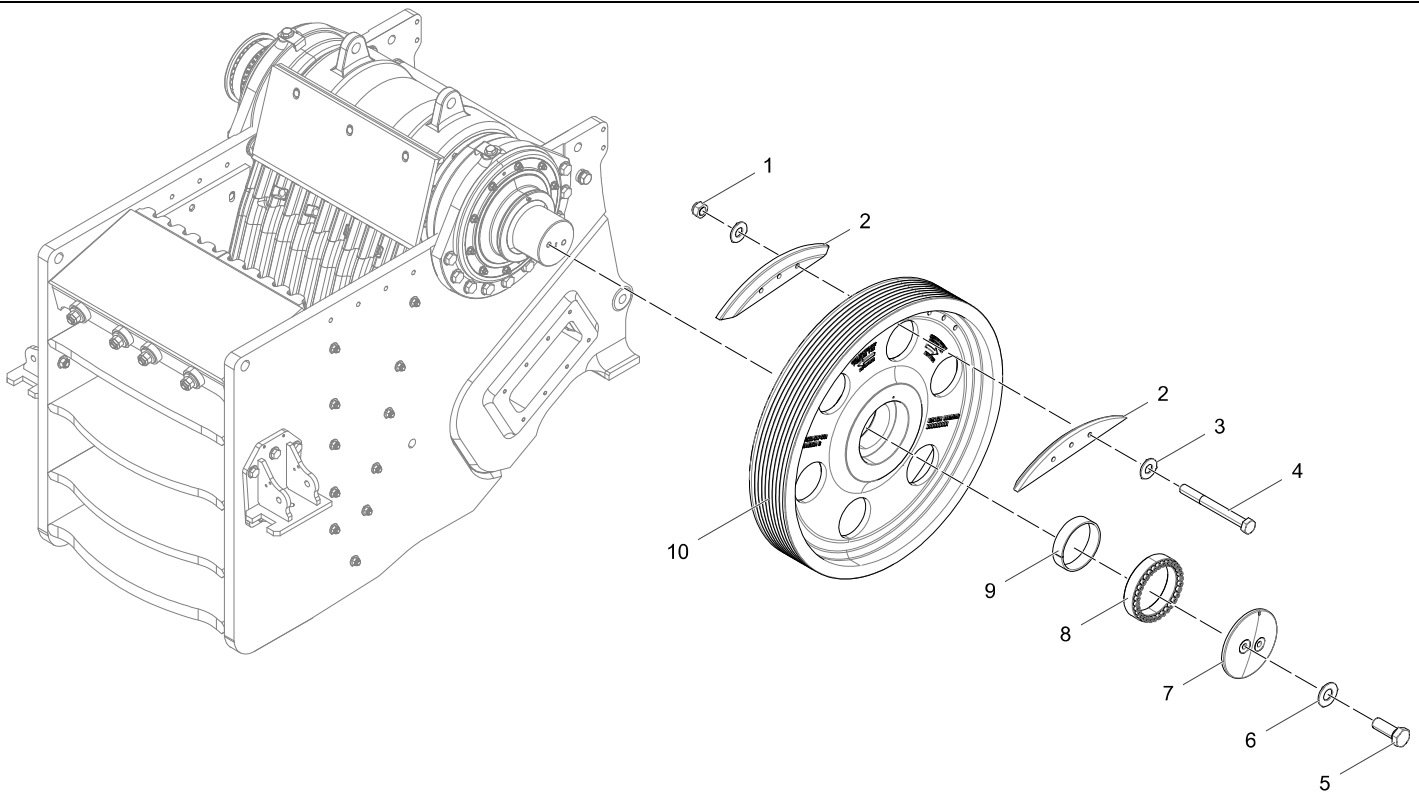


08-04

## FLYWHEEL NON-DRIVE SIDE ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	2232-1367	3	BOLT HEX M24X230 BS3692 GR8.8	
2	2212-2008	6	WASHER HARDENED M24 BS4395	
3	CR021-017-002	2	COUNTERWEIGHT	
4	2217-0674	3	M24 X 3NYLOC NUT	
5	CR021-017-802	1	FLYWHEEL 1580 DIAMETER NON-DRIVE SIDE	
6	CR020-027-001	1	SPLIT BUSH	
7	2450-5038	1	LOCKING RING	
8	CR020-020-001	1	FLYWHEEL END CAP	
9	2212-2010	2	WASHER HARDENED M30 BS4395	
10	2232-1424	2	BOLT HEX M30X80 BS3692 GR8.8	





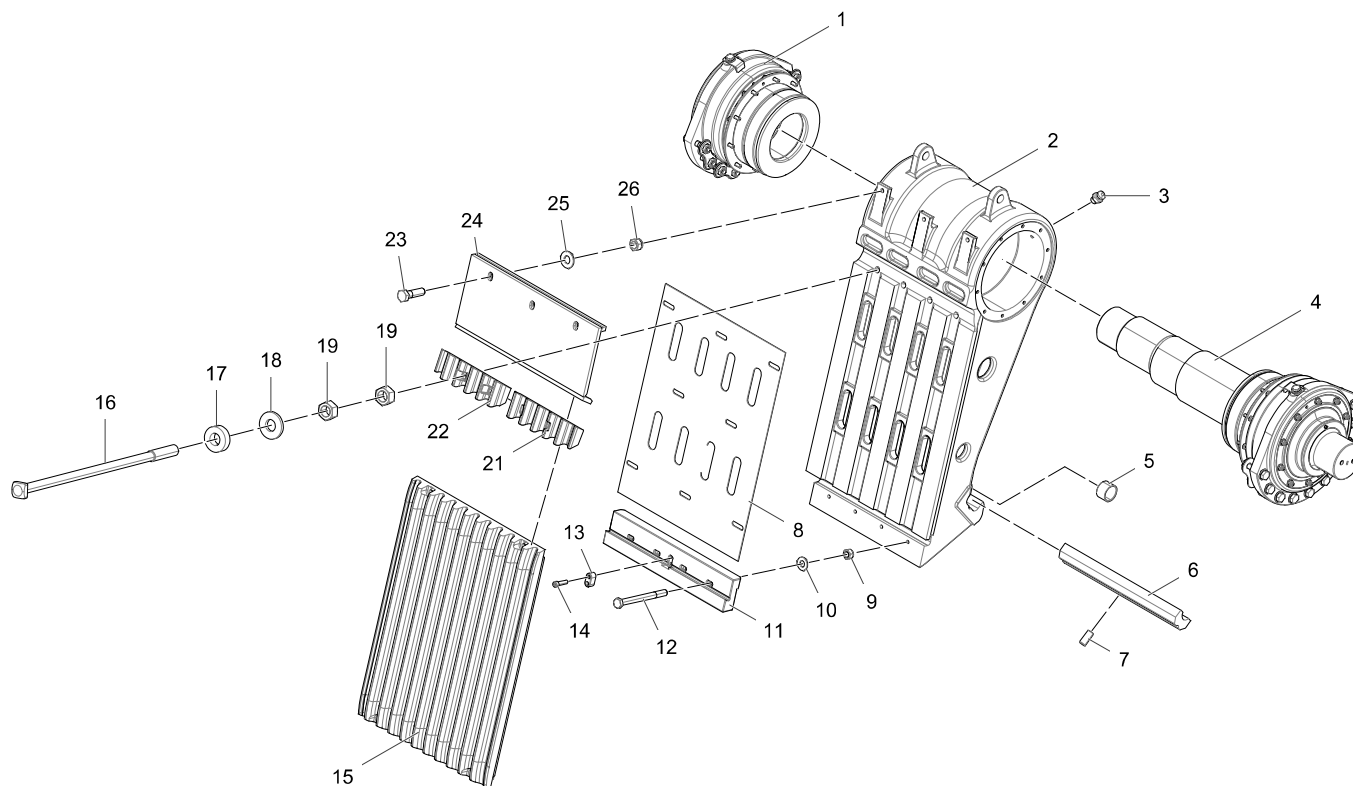


08-05

## FLYWHEEL DRIVE SIDE ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	2217-0674	3	M24 X 3NYLOC NUT	
2	CR021-017-002	2	COUNTERWEIGHT	
3	2212-2008	6	WASHER HARDENEDM24BS4395	
4	2232-1367	3	BOLT HEX M24X230 BS3692 GR8.8	
5	2232-1424	2	BOLT HEX M30X80 BS3692 GR8.8	
6	2212-2010	2	WASHER HARDENED M30 BS4395	
7	CR020-020-001	1	FLYWHEEL END CAP	
8	2450-5038	1	LOCKING RING	
9	CR020-027-001	1	SPLIT BUSH	
10	CR021-017-801	1	FLYWHEEL 1580 DIAMETER	





08-06

## JAWSTOCK ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	1-ASSEMBLY	1	FOR REFERENCE ONLY	SEE FIGURE 08-10
2	CR021-002-801	1	SWING JAW MACHINED	
3	MOT000469	2	GREASE*NIPPLE GIANT BUTTO	
4	4-ASSEMBLY	1	FOR REFERENCE ONLY	SEE FIGURE 08-07
5	CR021-078-001	2	HARDENED JIG BUSH	
6	CR021-033-001	1	TOGGLE SEAT JAW	
7	CR021-044-001	1	TOGGLE SEAT LOCATOR PIN	
8	CR021-002-003	1	SWING JAW BACKING PLATE	
9	2217-0672	4	M20-2.50 ZINC NYLON INSERT LOCK NUT	
10	2212-2006	4	WASHER HARDENED M20 BS4395	
11	CR021-002-802	1	REPLACEABLE TOE SECTION-MACHINED	
12	2232-1297	4	BOLT HEX M20X220 BS3692 GR8.8	
13	CR021-002-004	1	JAWSTOCK KEY	
14	2222-0189	2	CAPSCREW M12X45 BS4168 GR12.9	
15	CW021-001-MN180	1	MOVING JAW LINER, SUPER TOOTH 18% MANGANESE	STANDARD
15	CW021-003-MN220	1	MOVING JAW LINER, QUARRY TOOTH 22% MANGANESE	OPTION
15	CW021-003-MN180	1	MOVING JAW LINER, QUARRY TOOTH 18% MANGANESE	OPTION
15	CW021-001-MN220	1	MOVING JAW LINER, SUPER TOOTH 22% MANGANESE	OPTION
16	CR021-013-001	4	WEDGE BOLT	
17	J54AX1173B	4	WASHER*URETHANE	
18	31.10.0706	4	WASHER-COMPRESSION	
19	2215-0024	8	NUT HEX M36 BS3692 GR8	
21	CW021-014-MN180	1	MOVING JAW WEDGE DS - SUPERTOOTH 18% MANGANESE	STANDARD
21	CW021-014-MN220	1	MOVING JAW WEDGE DS - SUPERTOOTH 22% MANGANESE	OPTION
21	CW021-018-MN220	1	MOVING JAW WEDGE DS - QUARRY TOOTH 22% MANGANESE	OPTION



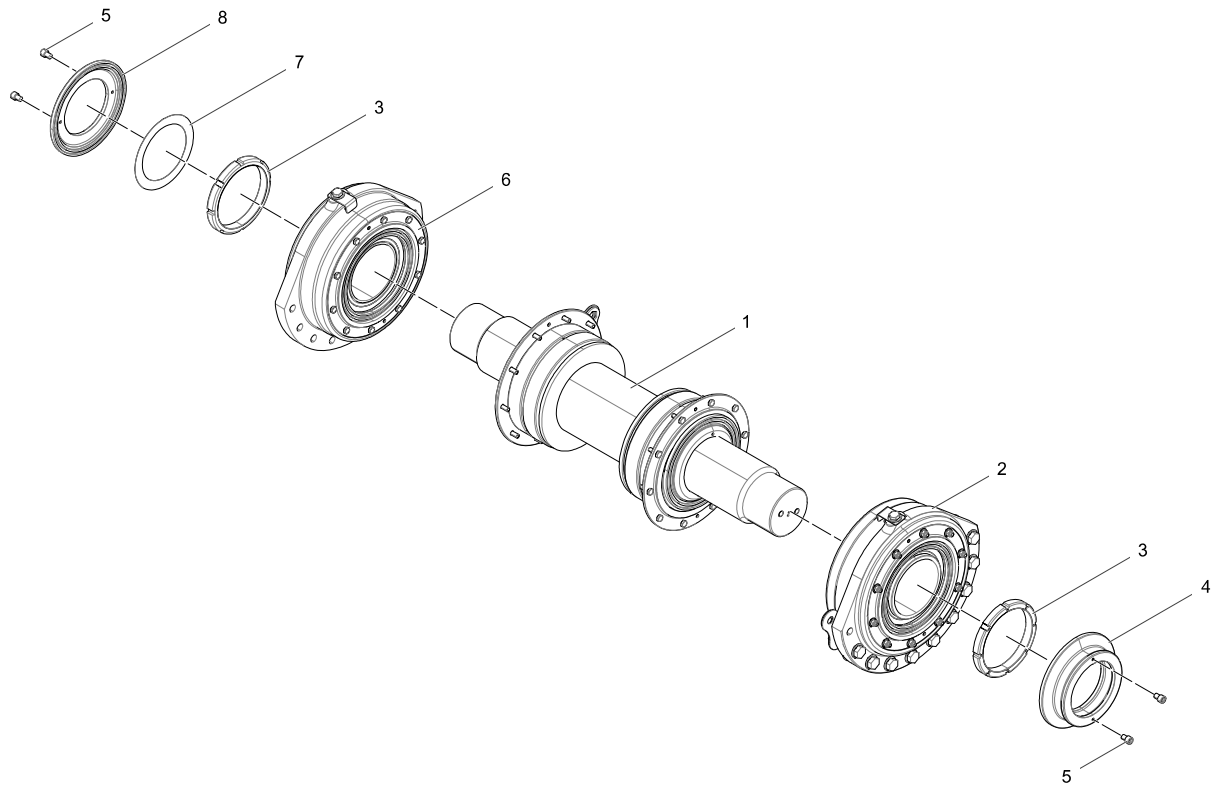
08-06

## JAWSTOCK ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
21	CW021-018-MN180	1	MOVING JAW WEDGE DS - QUARRY TOOTH 18% MANGANESE	OPTION
22	CW021-016-MN180	1	MOVING JAW WEDGE NDS - QUARRY TOOTH 18% MANGANESE	OPTION
22	CW021-016-MN220	1	MOVING JAW WEDGE NDS - QUARRY TOOTH 22% MANGANESE	OPTION
22	CW021-012-MN180	1	MOVING JAW WEDGE NDS - SUPERTOOTH 18% MANGANESE	STANDARD
22	CW021-012-MN220	1	MOVING JAW WEDGE NDS - SUPERTOOTH 22% MANGANESE	OPTION
23	2232-1352	3	BOLT HEX M24X85 BS3692 GR8.8	
24	CR021-020-501	1	JAWSTOCK PROTECTOR GUARD	
25	2212-2008	3	WASHER HARDENEDM24BS4395	
26	2217-0011	3	NUT	



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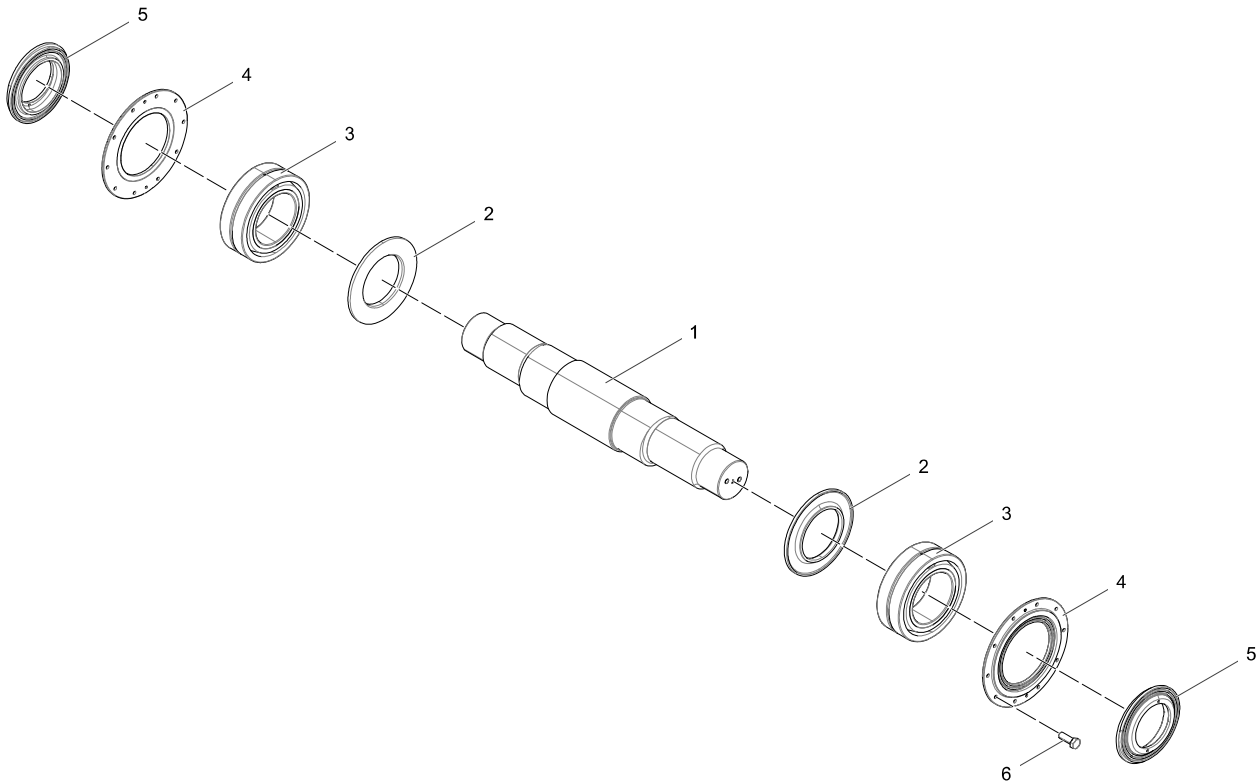


## 08-07

## ECCENTRIC SHAFT AND BEARING OVERVIEW

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	1-ASSEMBLY	1	FOR REFERENCE ONLY	SEE FIGURE 08-08
2	2-ASSEMBLY	1	FOR REFERENCE ONLY	SEE FIGURE 08-09
3	2217-9055	2	BEARING LOCKNUT	
4	CR021-019-001	1	OUTER LABYRINTH	
5	2222-0182	4	M12-1.75X15 BLACK SOCKET HEAD CAP SCREW GR12.9 DIN912	
6	6-ASSEMBLY	1	FOR REFERENCE ONLY	SEE FIGURE 08-10
7	CR021-002-008	1	SHIM	
8	CR020-012-001	1	LABYRINTH SEAL OUTER	





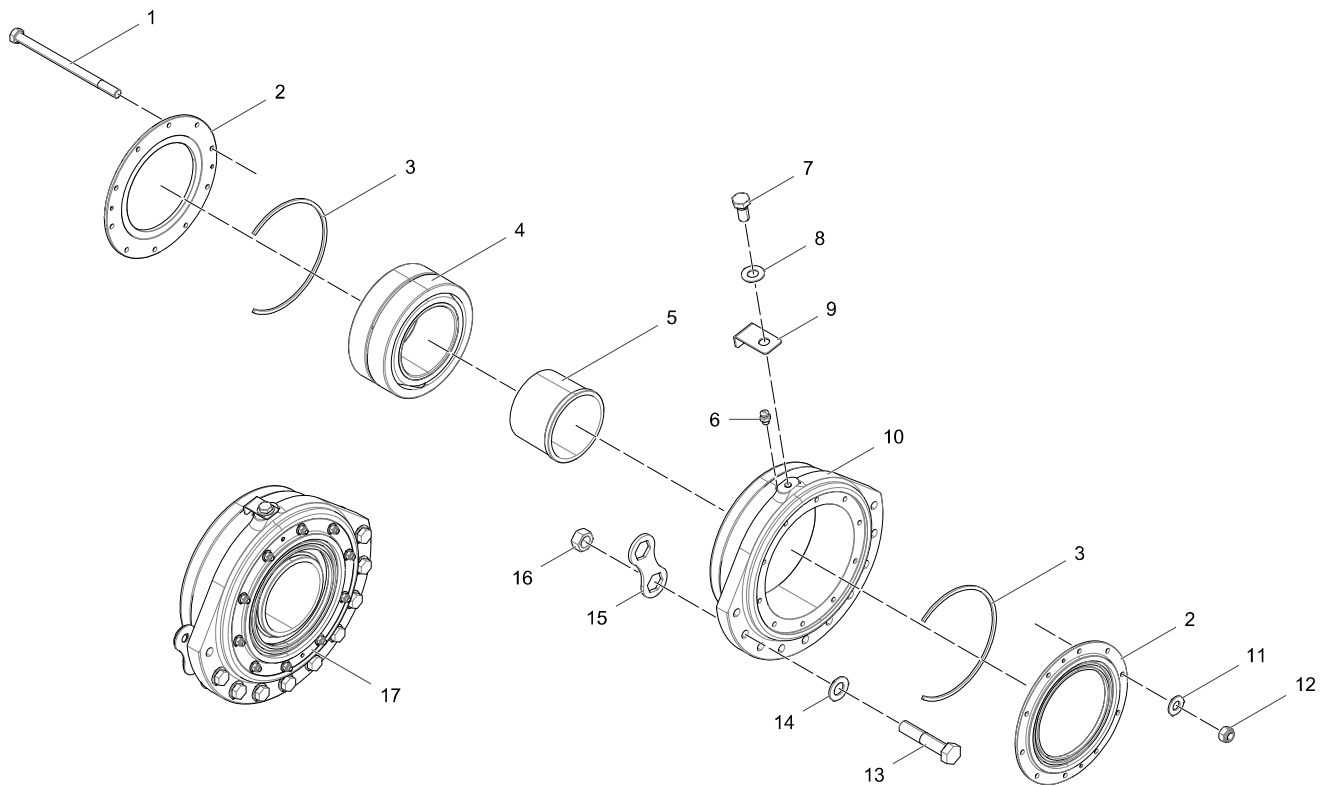


08-08

## ECCENTRIC SHAFT ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	CR021-038-001	1	ECCENTRIC SHAFT	
2	CR021-036-001	2	GREASE BAFFLE	
3	2416-1619	2	PARRALLEL BORE SPHERICAL ROLLER BEARING	
4	CR021-035-001	2	LABYRINTH BEARING COVER	
5	CR021-030-801	2	LABYRINTH SEAL, INNER M/C	
6	2232-1277	20	M20-2.50 X 55 BLACK HEX HEAD BOLT GR 8.8 DIN931	



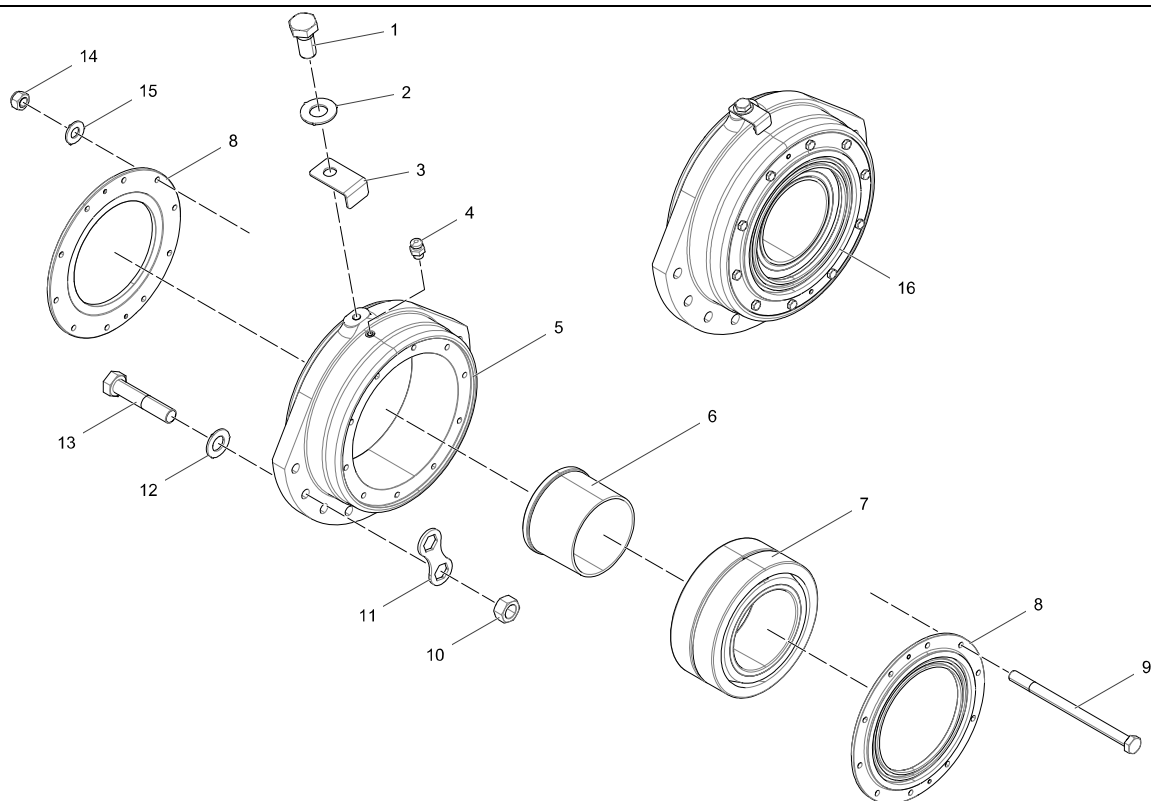


08-09

## BEARING HOUSING ASSEMBLY - FIXED SIDE

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	2232-1301	10	M20-2.50 X 300 BLACK HEX HEAD BOLT GR 8.8 DIN931	
2	CR020-009-001	2	LABYRINTH BEARING COVER	
3	2423-8210	2	LOCATING RING	
4	2416-5603	1	TAPER BORE SPHERICAL ROLLER BEARING	
5	2400-7229	1	WITHDRAWAL SLEEVE	
6	MOT000469	1	GREASE*NIPPLE GIANT BUTTO	
7	2232-1420	1	M30-3.50 X 60 BLACK HEX HEAD BOLT GR 8.8 DIN931	
8	2212-2010	1	WASHER HARDENED M30 BS4395	
9	CR021-002-007	1	NIPPLE PROTECTOR	
10	CR021-034-801	1	BEARING CARTRIDGE M/C	
11	2212-2006	10	WASHER HARDENED M20 BS4395	
12	2217-0672	10	M20-2.50 ZINC NYLON INSERT LOCK NUT	
13	2232-8503	20	M36-4.00 X 180 BLACK HEX HEAD BOLT GR 12.9	
14	2212-2012	20	WASHER HARDENED M36 BS4395	
15	CR021-050-501	10	NUT RETAINER PLATE	
16	2215-0063	20	NUT HEX M36 BS3692 GR12	
17	CR021-002-606	1	BEARING HOUSING- FIXED SIDE	COMPLETE BEARING ASSEMBLY



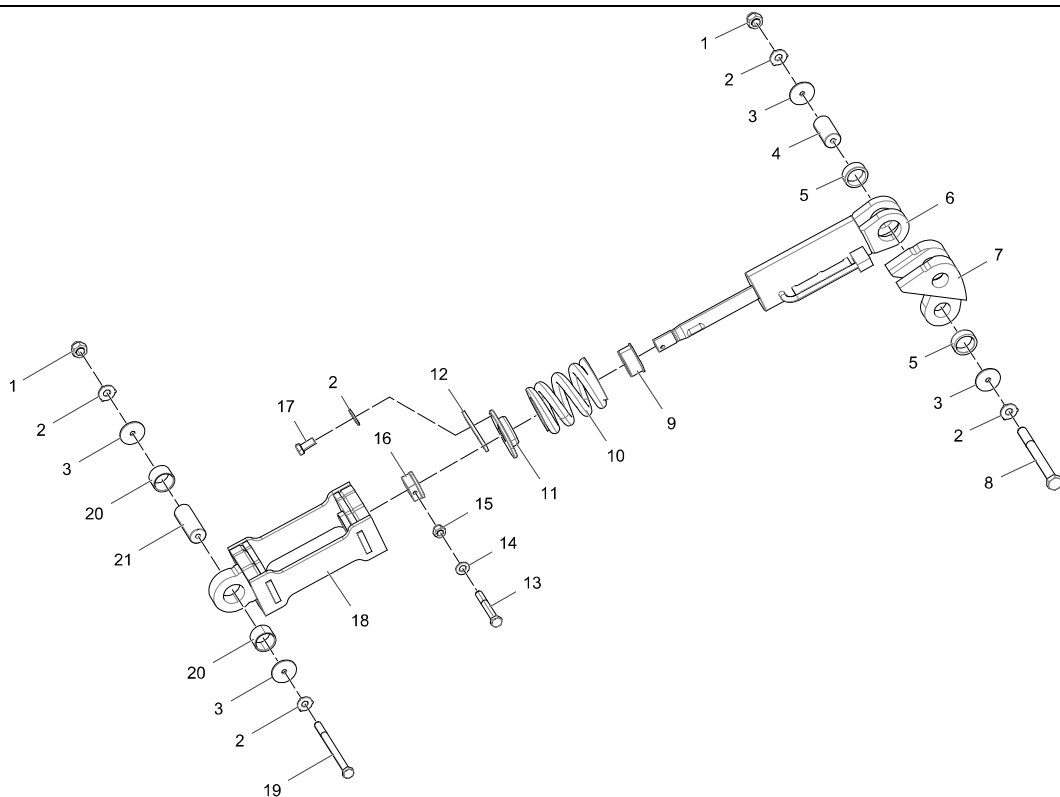


08-10

## BEARING HOUSING ASSEMBLY - FLOATING SIDE

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	2232-1420	1	M30-3.50 X 60 BLACK HEX HEAD BOLT GR 8.8 DIN931	
2	2212-2010	1	WASHER HARDENED M30 BS4395	
3	CR021-002-007	1	NIPPLE PROTECTOR	
4	MOT000469	1	GREASE*NIPPLE GIANT BUTTO	
5	CR021-034-801	1	BEARING CARTRIDGE M/C	
6	2400-7229	1	WITHDRAWAL SLEEVE	
7	2416-5603	1	TAPER BORE SPHERICAL ROLLER BEARING	
8	CR020-009-001	2	LABYRINTH BEARING COVER	
9	2232-1301	10	M20-2.50 X 300 BLACK HEX HEAD BOLT GR 8.8 DIN931	
10	2215-0063	20	NUT HEX M36 BS3692 GR12	
11	CR021-050-501	10	NUT RETAINER PLATE	
12	2212-2012	20	WASHER HARDENED M36 BS4395	
13	2232-8503	20	M36-4.00 X 180 BLACK HEX HEAD BOLT GR 12.9	
14	2217-0672	10	M20-2.50 ZINC NYLON INSERT LOCK NUT	
15	2212-2006	10	WASHER HARDENED M20 BS4395	
16	CR021-002-607	1	BEARING HOUSING- FLOATING SIDE	COMPLETE BEARING ASSEMBLY



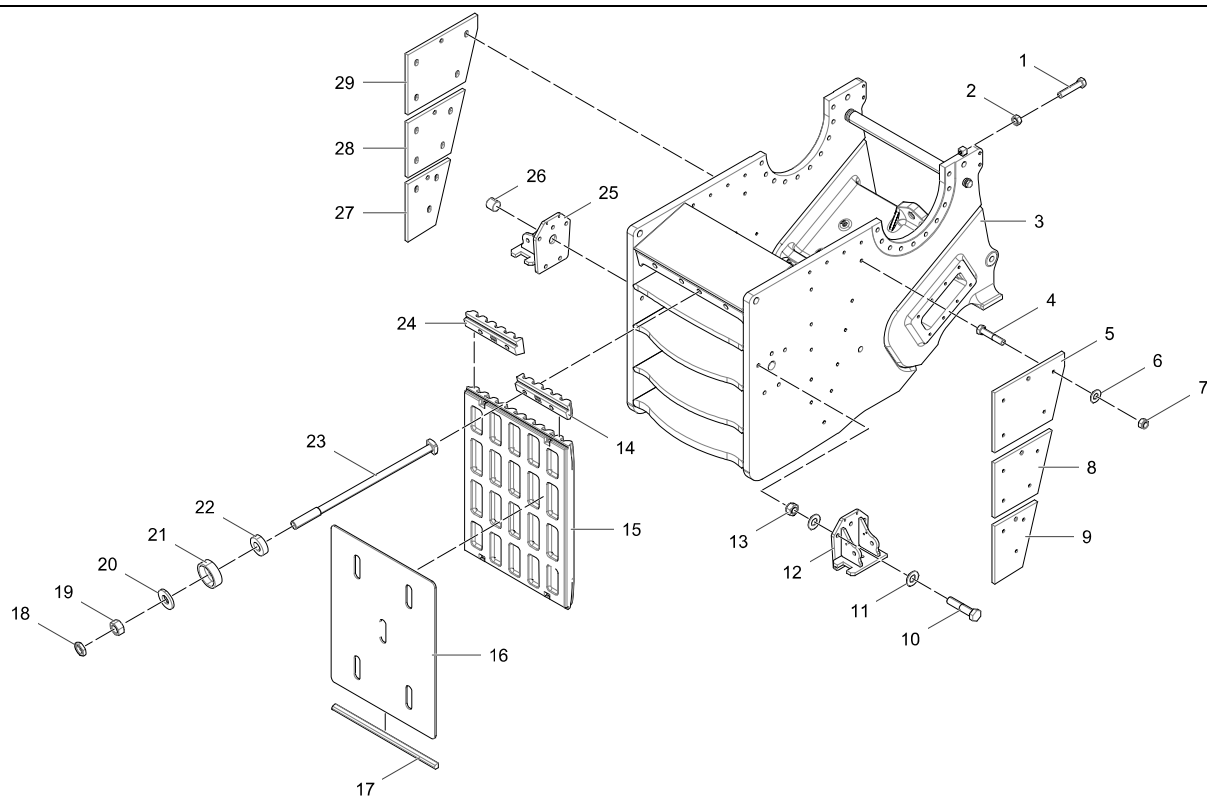


08-11

## DRAWBACK MECHANISM ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	2217-0670	3	M16 X 2 NYLOC NUT	
2	2212-2004	8	WASHER HARDENED M12 BS4395 WITH PIPS	
3	CR021-067-002	6	DRAWBACK PIN WASHER	
4	CR021-067-001	2	DRAWBACK PIN	
5	CR021-059-006	2	PLAIN JIG BUSH	
6	2564-8025	1	DRAWBACK CYLINDER	REPLACED BY ITEM 6 PART NO. 2564-8033, ECO16196
6	2564-8033	1	DRAW BACK CYLINDER	DIRECT REPLACEMENT FOR ITEM 6 PART NO. 2564-8025, ECO16196
7	CR021-102-501	1	PULLBACK LINKAGE	
8	2232-1220	1	BOLT HEX M16X160 BS3692 GR8.8	
9	CR021-059-002	1	CYLINDER ROD PROTECTOR	
10	600/2210	1	SPRING	
11	CR021-100-001	1	SPRING CAP	REPLACED BY ITEM 11 PART NO. CR021-100-002, ECO16196
11	CR021-100-002	1	SPRING CAP	DIRECT REPLACEMENT FOR ITEM 11 PART NO. CR021-100-001, ECO16196
12	CR021-100-003	1	SPRING CAP RETAINER	
13	2232-1136	1	M12-1.75 X 85 BLACK HEX HEAD BOLT GR 8.8 DIN931	
14	2210-0017	1	WASHER BRIGHT M12 BS4320 FORM A	
15	2217-0668	1	M12-1.75 ZINC NYLON INSERT LOCK NUT	
16	CR021-100-004	1	SPHERICAL M52X3 NUT	
17	2232-1124	2	BOLT HEX M12X25 BS3692 GR8.8	
18	CR021-101-501	1	DRAWBACK SLING FABRICATED ASSEMBLY	
19	2232-1224	2	BOLT HEX M16X200 BS3692 GR8.8	
20	CR021-078-001	3	HARDENED JIG BUSH	
21	CR021-081-001	1	DRAWBACK PIN - JAW SIDE	







## 08-12

## MAINFRAME ASSEMBLY 1

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	1-ASSEMBLY	1	FOR REFERENCE ONLY	PART NEED TO BE CONFIRMED
2	2215-0020	1	NUT HEX M24 GR8	
3	3-ASSEMBLY	1	FOR REFERENCE ONLY	SEE FIGURE 08-13
4	2232-8357	22	M24-3.00 X 120 BLACK HEX HEAD BOLT GR 12.9	
5	CW021-032-AR500	1	CHEEK LINER, UPPER DS	
6	2212-2008	22	WASHER HARDENED M24 BS4395	
7	2217-0011	22	NUT	
8	CW021-034-AR500	1	CHEEK LINER, MIDDLE DS	
9	CW021-036-AR500	1	CHEEK LINER, LOWER DS	
10	2232-1433	10	BOLT HEX M30X150 BS3692 GR8.8	DIRECT REPLACEMENT FOR ITEM 10, PART NO. 2232-8432, ECO17712
10	2232-8432	10	M30-3.50 X 140 BLACK HEX HEAD BOLT GR 12.9	REPLACED BY ITEM 10, PART NO. 2232-1433, ECO17712
11	2212-2010	20	WASHER HARDENED M30 BS4395	
12	CR021-028-701	1	FRONT FOOT M/C	
13	2217-0676	10	M30-3.50 ZINC NYLON INSERT LOCK NUT	
14	CW021-015-MN180	1	FIXED JAW WEDGE DS - SUPERTOOTH 18% MANGANESE	STANDARD
14	CW021-015-MN220	1	FIXED JAW WEDGE DS - SUPERTOOTH 22% MANGANESE	OPTION
14	CW021-019-MN220	1	FIXED JAW WEDGE DS - QUARRY TOOTH 22% MANGANESE	OPTION
14	CW021-019-MN180	1	FIXED JAW WEDGE DS - QUARRY TOOTH 18% MANGANESE	OPTION
15	CW021-004-MN180	1	JAW LINER, FIXED, QUARRY TOOTH 18% MANGANESE	OPTION
15	CW021-004-MN220	1	JAW LINER, FIXED, QUARRY TOOTH 22% MANGANESE	OPTION
15	CW021-002-MN220	1	JAW LINER, FIXED, SUPER TOOTH 22% MANGANESE	OPTION
15	CW021-002-MN180	1	JAW LINER, FIXED, SUPER TOOTH 18% MANGANESE	STANDARD
16	CR021-003-020	1	FIXED JAW BACKING PLATE	
17	CR021-003-012	1	FIXED JAW RETAINER	



## 08-12

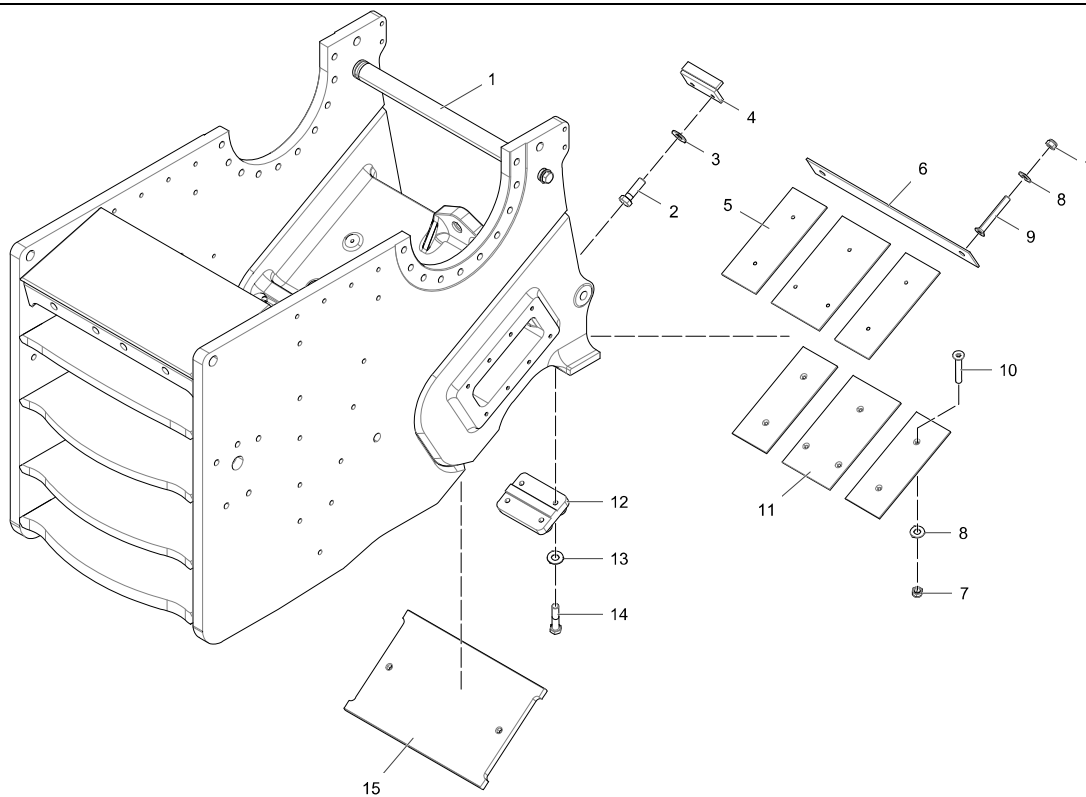
## MAINFRAME ASSEMBLY 1

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
18	2215-0122	4	M36-4.0 PLAIN HEX HEAD LOCKNUT GR 8.8 BS3692	
19	2215-0024	4	NUT HEX M36 BS3692 GR8	
20	31.10.0706	4	WASHER-COMPRESSION	
21	31.10.0243	4	WASHER CUP	
22	31.10.0244	4	RUBBER WASHER	
23	CR021-014-001	4	FIXED JAW WEDGE BOLT	
24	CW021-017-MN180	1	FIXED JAW WEDGE NDS - QUARRY TOOTH 18% MANGANESE	OPTION
24	CW021-017-MN220	1	FIXED JAW WEDGE NDS - QUARRY TOOTH 22% MANGANESE	OPTION
24	CW021-013-MN180	1	FIXED JAW WEDGE NDS - SUPERTOOTH 18% MANGANESE	STANDARD
24	CW021-013-MN220	1	FIXED JAW WEDGE NDS - SUPERTOOTH 22% MANGANESE	OPTION
25	CR021-028-702	1	FRONT FOOT M/C	
26	CR021-003-021	2	MAINFRAME FOOT LOCATING PIN	
27	CW021-037-AR500	1	CHEEK LINER, LOWER NDS	
28	CW021-035-AR500	1	CHEEK LINER, MIDDLE NDS	
29	CW021-033-AR500	1	CHEEK LINER, UPPER NDS	



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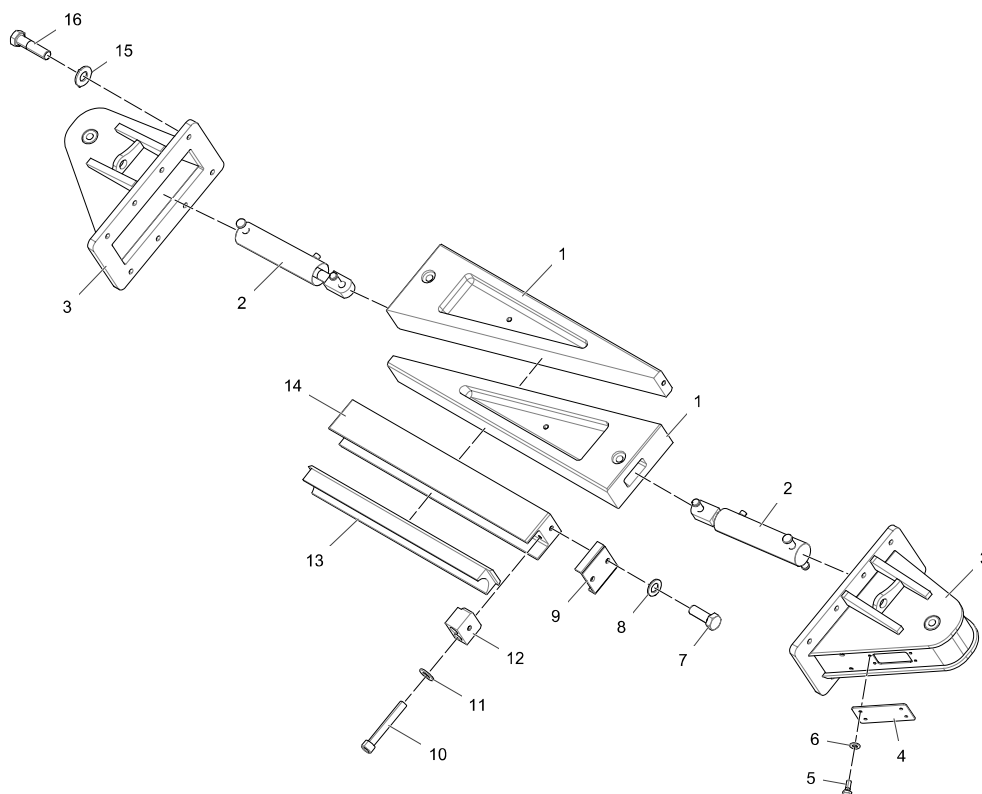


08-13

## MAINFRAME ASSEMBLY 2

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	CR021-003-701	1	MAINFRAME M/C	
2	2232-1279	8	BOLT HEX M20X65 BS3692 GR8.8	
3	2212-2006	8	WASHER HARDENED M20 BS4395	
4	CR021-021-501	4	TOGGLE SEAT RETAINER FAB	
5	CR021-079-001	4	BEAM LINER	
6	CR021-055-001	1	BEAM REAR LINER (REAR)	
7	2217-0007	16	NUT PHILIDAS MKV M16 16MCV/8	
8	2212-2005	16	WASHER HARDENED M16 BS4395	
9	2226-2866	2	M16-2.0X120 ZINC SOCKET HEAD COUNTERSUNK SET SCREW GR10.9	REPLACED BY ITEM 9, PART NO. 2226-2867, ECO17712
9	2226-2867	2	M16-2.00X130 ZINC SOCKET HEAD COUNTERSUNK SET SCREW GR 10.9	DIRECT REPLACEMENT FOR ITEM 9, PART NO. 2226-2866, ECO17712
10	2226-2865	14	M16-2.0X110 ZINC SOCKET HEAD COUNTERSUNK SET SCREW GR10.9	
11	CR021-054-001	2	BEAM LINER (CENTER)	
12	CR021-104-801	1	TENSION CYLINDER VSI380HD	
13	2212-2008	4	WASHER HARDENED M24 BS4395	
14	2232-1357	4	BOLT HEX M24X120 BS3692 GR8.8	
15	CR021-037-001	1	TOGGLE PLATE	



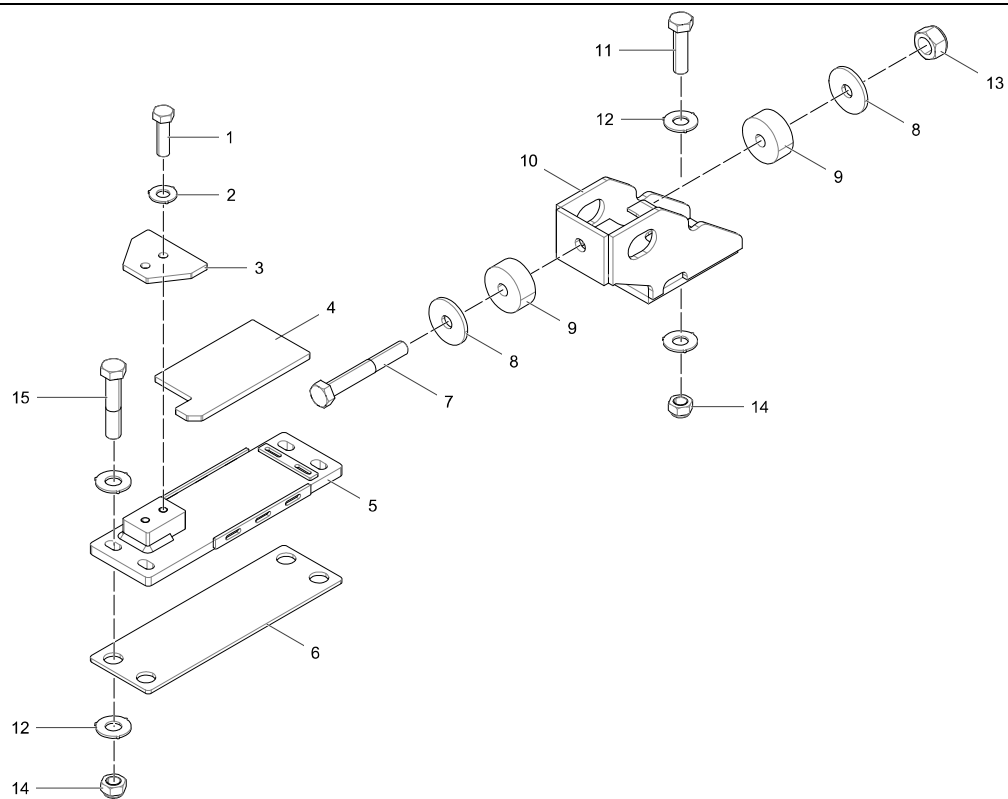


08-14

## ADJUSTMENT WEDGE PACK ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	CR021-039-801	2	ADJUSTMENT WEDGE	
2	2-ASSEMBLY	1	FOR REFERENCE ONLY	SEE FIGURE 13-07-01
3	CR021-105-701	2	CYLINDER BRACKET MACHINED	
4	CR021-041-010	2	INSPECTION COVER	
5	2232-1090	8	BOLT HEX M10X25 BS3692 GR8.8	
6	2210-0016	8	WASHER BRIGHT M10 BS4320 FORM A	
7	2232-1277	4	M20-2.50 X 55 BLACK HEX HEAD BOLT GR 8.8 DIN931	
8	2210-0021	4	WASHER BRIGHT M20 BS4320 FORM A	
9	CR021-040-006	2	TOGGLE RETENSION BRACKET	DIRECT REPLACEMENT FOR ITEM 9 PART NO. CR021-040-501, ECO17354
9	CR021-040-501	2	TOGGLE SEAT HOLDER	REPLACED BY ITEM 9 PART NO. CR021-040-006, ECO17354
10	2222-0259	4	CAPSCREW M16X110 BS4168 GR12.9	
11	2210-0058	4	M16 ZINC FORM C WASHER	
12	CR021-040-002	2	TOGGLE SEAT RETAINER	
13	CR021-040-003	1	TOGGLE SEAT REAR	
14	CR021-040-801	1	TOGGLE SEAT HOLDER	
15	2212-2006	16	WASHER HARDENED M20 BS4395	
16	2232-1282	16	BOLT HEX M20X80 BS3692 GR8.8	





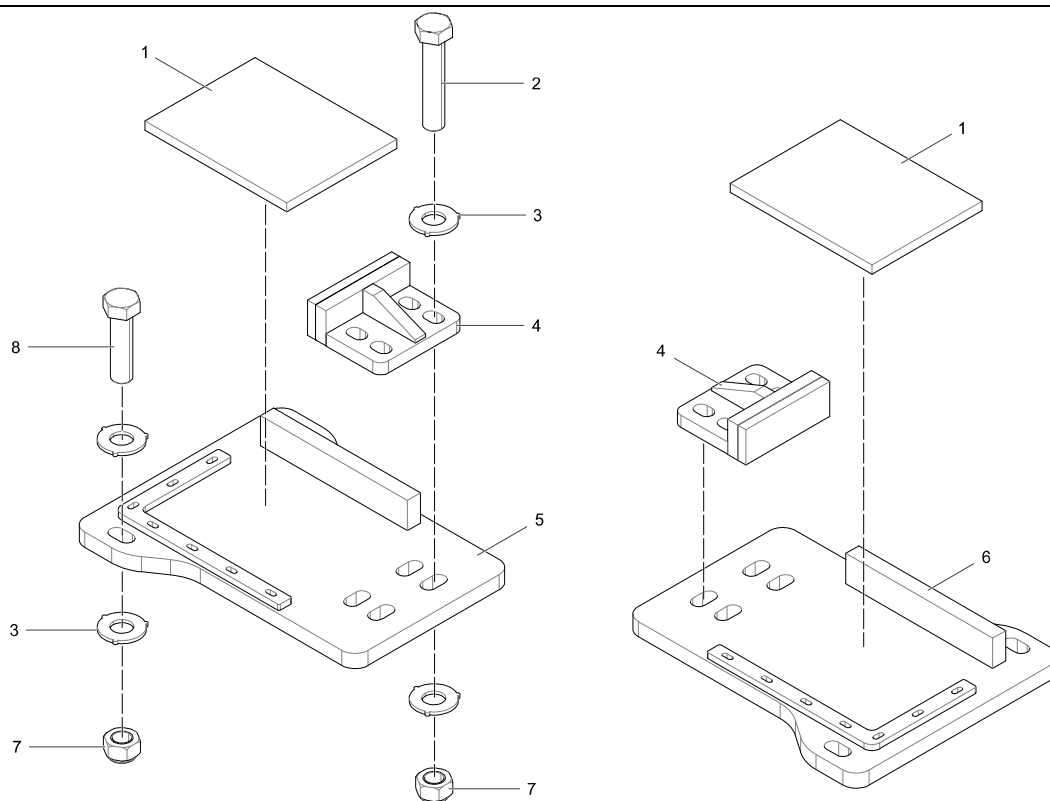


08-15

## JAW REAR, LH FOOT SUPPORT ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	2230-9292	2	M20-2.50 X 70 ZINC HEX HEAD SET SCREW GR 10.9 DIN933	
2	2212-2006	2	WASHER HARDENED M20 BS4395	
3	1185.10.15	1	JAW HOLD DOWN PLATE	
4	TC012-010-006	1	SUPPORT PAD	
5	TC012-010-003	1	REAR FOOT SUPPORT-LH	
6	TC012-010-007	1	FOOT SUPPORT SPACER	
7	26.42.30200	1	M30X200 10.9 BOLT	
8	1185.10.87	2	RETAINING WASHER	
9	1185.10.86.01	2	STOPPER BUSH	
10	TC012-010-005	1	STOPPER ASSY	
11	2230-9358	4	M24 X 90 SET 10.9 ZC DIN 933	
12	2212-2008	16	WASHER HARDENED M24 BS4395	
13	2217-0676	1	M30-3.50 ZINC NYLON INSERT LOCK NUT	
14	2217-0704	8	M24-2.50 ZINC NYLON INSERT LOCK NUT GR 10.9	
15	2232-1128	3	BOLT HEX M12X45 BS3692 GR8.8	



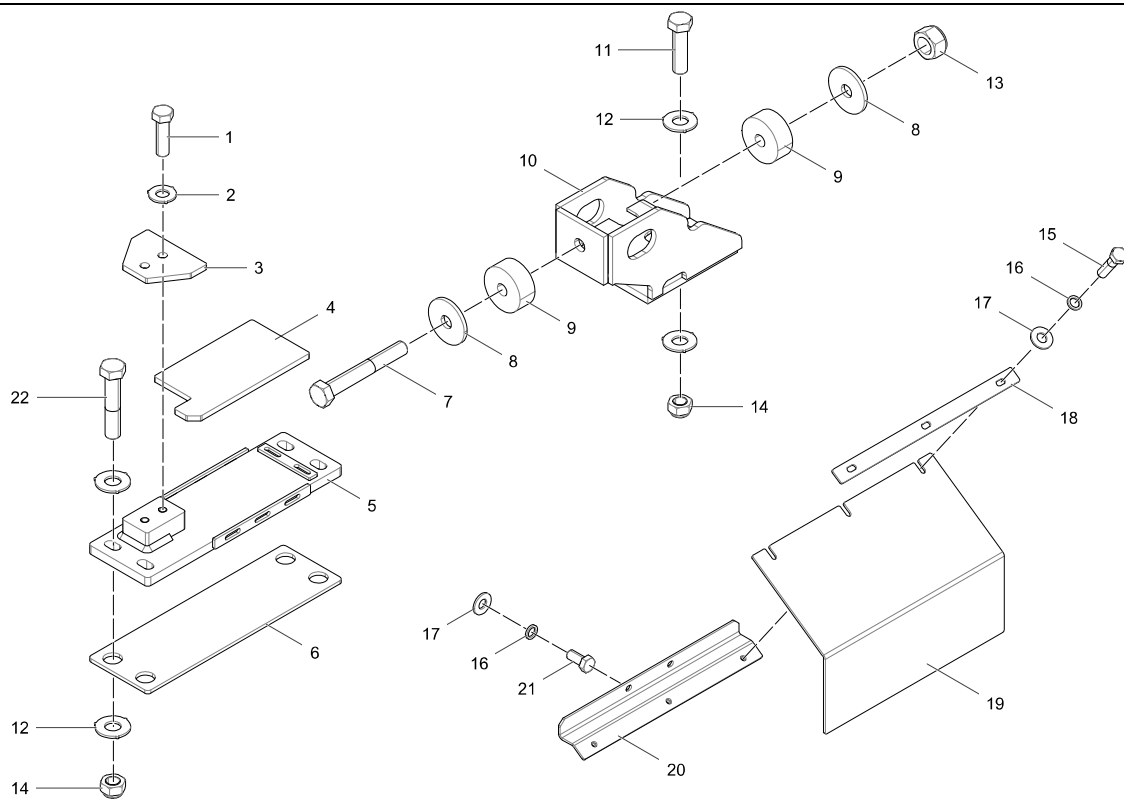


08-16

## JAW FRONT FOOT BASE ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	TC012-010-011	2	FRONT FOOT PAD	PART NEEDS TO BE CONFIRMED
2	2-ASSEMBLY	8	FOR REFERENCE ONLY	
3	2212-2006	24	WASHER HARDENED M20 BS4395	
4	1160.10.12	2	JAW RETAINER-1160	
5	TC012-010-010	1	FRONT FOOT BASE	
6	TC012-010-012	1	FRONT FOOT BASE RH	
7	2217-0702	12	M20-2.50 ZINC NYLON INSERT LOCK NUT GR 10.9	
8	2230-9293	4	M20-2.50 X 75 ZINC HEX HEAD SET SCREW GR 10.9 DIN933	



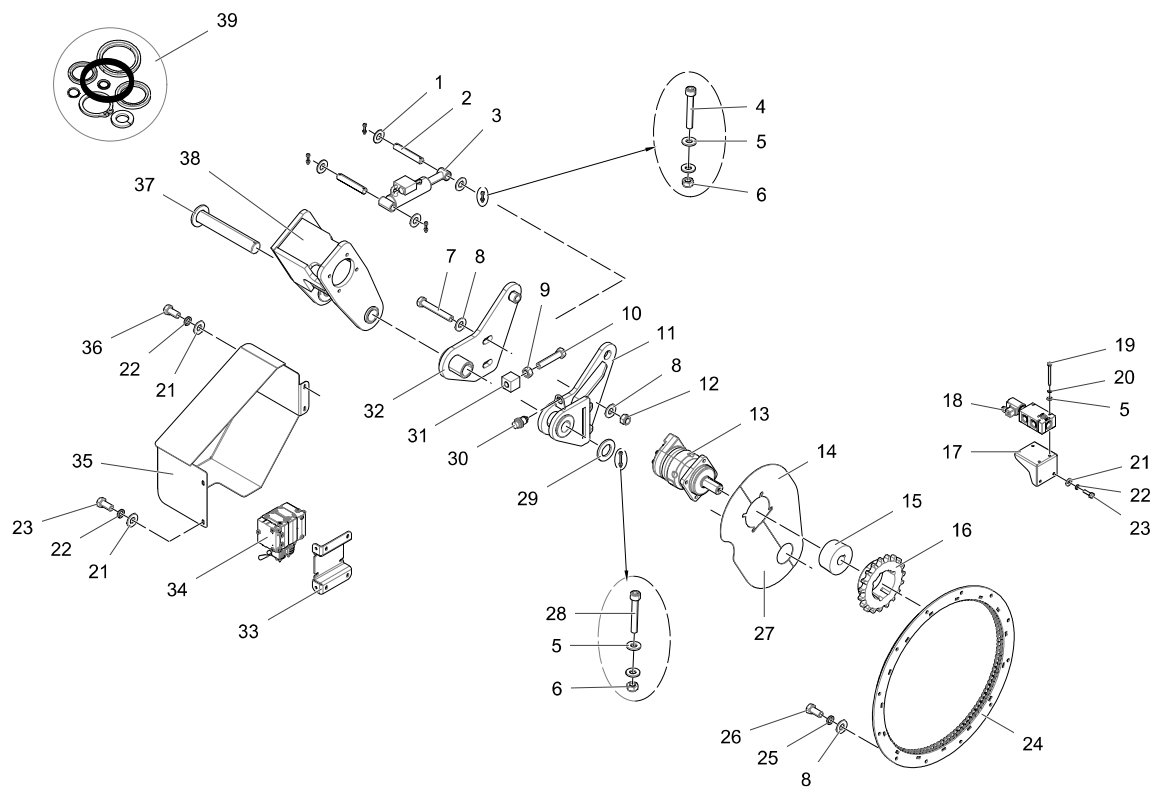


08-17

## JAW REAR, RH FOOT SUPPORT ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	2230-9292	2	M20-2.50 X 70 ZINC HEX HEAD SET SCREW GR 10.9 DIN933	
2	2212-2006	2	WASHER HARDENED M20 BS4395	
3	1185.10.15	1	JAW HOLD DOWN PLATE	
4	TC012-010-006	1	SUPPORT PAD	
5	TC012-010-004	1	REAR FOOT SUPPORT - RH	
6	TC012-010-007	1	FOOT SUPPORT SPACER	
7	26.42.30200	1	M30X200 10.9 BOLT	
8	1185.10.87	2	RETAINING WASHER	
9	1185.10.86.01	2	STOPPER BUSH	
10	TC012-010-005	1	STOPPER ASSY	
11	2230-9358	4	M24 X 90 SET 10.9 ZC DIN 933	
12	2212-2008	16	WASHER HARDENED M24 BS4395	
13	2217-0676	1	M30-3.50 ZINC NYLON INSERT LOCK NUT	
14	2217-0704	8	M24-2.50 ZINC NYLON INSERT LOCK NUT GR 10.9	
15	2232-1128	3	BOLT HEX M12X45 BS3692 GR8.8	
16	2211-0008	5	WASHER SPR MS M12 BS4464 TYPE A	
17	2210-0056	5	M12 WASHER TYPE C	
18	TC012-010-015	1	CLAMP STRAP	
19	TC012-010-014	1	REAR FOOT RUBBER COVER	
20	TC012-010-023	1	REAR FOOT COVER MTG	
21	2232-1124	2	BOLT HEX M12X25 BS3692 GR8.8	
22	2232-2357	4	BOLT HEX M24X120 GR10.9	





08-20

## REVERSE FEATURE OPTION

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	2210-0063	4	M27 BRIGHT WASHER FORM C BS4320	
2	380008150	2	380008150 PIN	
3	10.28.1605	2	HYD CYL 300CLOSED 54 STROKE CW SUN LOAD HOLD	FROM SERIAL NO. PIDPT600EOMH95194, ECO20235
3	10.28.0183M	1	CYLINDER - 319 CLOSED - 35 STROKE	UPTO SERIAL NO. PIDPT600EOMH95193, ECO20235
4	2222-2093	4	M6-1.00X40 ZINC SOCKET HEAD CAP SCREW GR12.9 DIN912	
5	2210-0053	13	M6 ZINC FORM C WASHER	
6	2217-0665	5	M6-1.00 ZINC NYLON INSERT LOCK NUT	
7	2230-3366	2	M24-3.00 X 160 ZINC HEX HEAD SET SCREW GR 8.8 DIN933	
8	2212-1008	16	M24 ZINC HARDENED WASHER BS 4395	
9	2215-0020	1	NUT HEX M24 GR8	
10	2230-3362	1	M24-3.00 X 120 ZINC HEX HEAD SET SCREW GR 8.8 DIN933	
11	TC012-010-027	1	PIVOT WELD ASSY	
12	2217-0011	2	NUT	
13	10.25.8095	1	MOTOR - VIS40 - 400CC	
14	2210-0056	2	M12 WASHER TYPE C	
14	2230-3158	2	M12-1.75 X 65 ZINC HEX HEAD CAP SCREW GR 8.8	
14	2217-0668	2	M12-1.75 ZINC NYLON INSERT LOCK NUT	
14	TC012-010-034	1	GUARD PLT	
15	13.04.9349	1	3525X40 TAPERLOCK BUSH	
16	TC012-010-039	1	RACK TOOTH PROFILE SPROCKET	
17	TC012-010-031	1	VALVE MOUNT W/A	
18	10.16.7482	1	DIRECTIONAL CONTROL VALVE	
19	2230-3070	3	M6-1.0 X 65 ZINC HEX HEAD SET SCREW GR 8.8 DIN933	
20	2211-1005	3	M6 ZINC SPRING WASHER DIN 7980	
21	2210-0054	6	M8 BRIGHT WASHER FORM C	
22	2211-1006	6	M8 ZINC FORM A SPRING WASHER BS 4664	



08-20

## REVERSE FEATURE OPTION

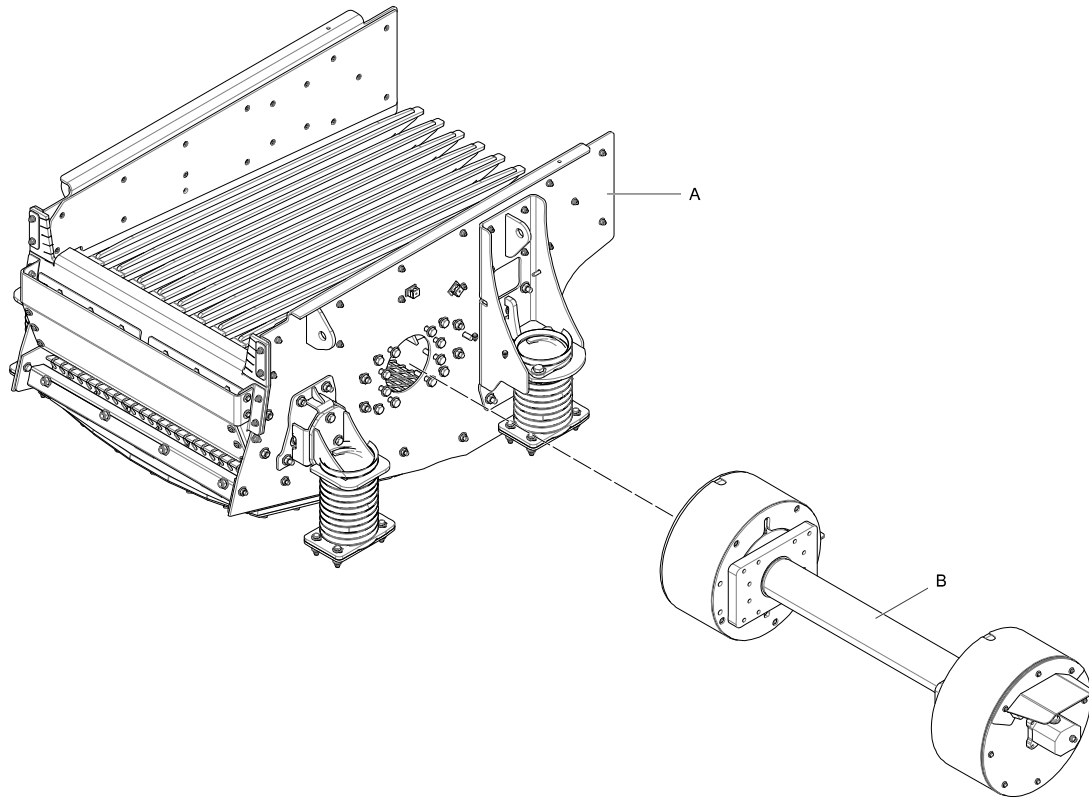
ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
23	2230-3091	4	M08X025 SETSCW8.8ZP	
24	TC012-010-024	1	CHAIN AND CARRIER WELD ASSY	
25	2211-1014	12	M24 ZINC FORM A SPRING WASHER BS 4664	
26	2230-3350	12	M24-3.0 X 50 ZINC HEX HEAD SET SCREW GR 8.8 DIN933	
27	2210-0056	2	M12 WASHER TYPE C	
27	2230-3158	2	M12-1.75 X 65 ZINC HEX HEAD CAP SCREW GR 8.8	
27	2217-0668	2	M12-1.75 ZINC NYLON INSERT LOCK NUT	
27	27-ASSEMBLY	1	FOR REFERENCE ONLY	TC012-010-037 - TO ORDER PLEASE CONTACT THE SPARES DEPARTMENT
28	2222-0098	1	M6-1.00X65 BLACK SOCKET HEAD CAP SCREW GR12.9 DIN912	
29	2210-2020	1	WASHER BLACK M48 BS4320 FORM E	
30	14.85.0001	1	PROXIMITY SWITCH	
31	TC012-010-036-001	1	STOPPER BLOCK	
32	TC012-010-026	1	CYLINDER MOUNT WELD ASSY	
33	TC012-010-032	1	VALVE MOUNT	
34	2550-9131	1	2 SLICE PVG VALVE - 83030694	
35	TC012-010-033	1	VALVE COVER	
36	2230-3152	2	M12-1.75 X 35 ZINC HEX HEAD SET SCREW GR 8.8	
37	385350320	1	385350320 PIN	
38	TC012-010-025	1	MOTOR MOUNT AND PIVOT WA	
39	12560107	1	NSK 50-30 SEAL KIT	





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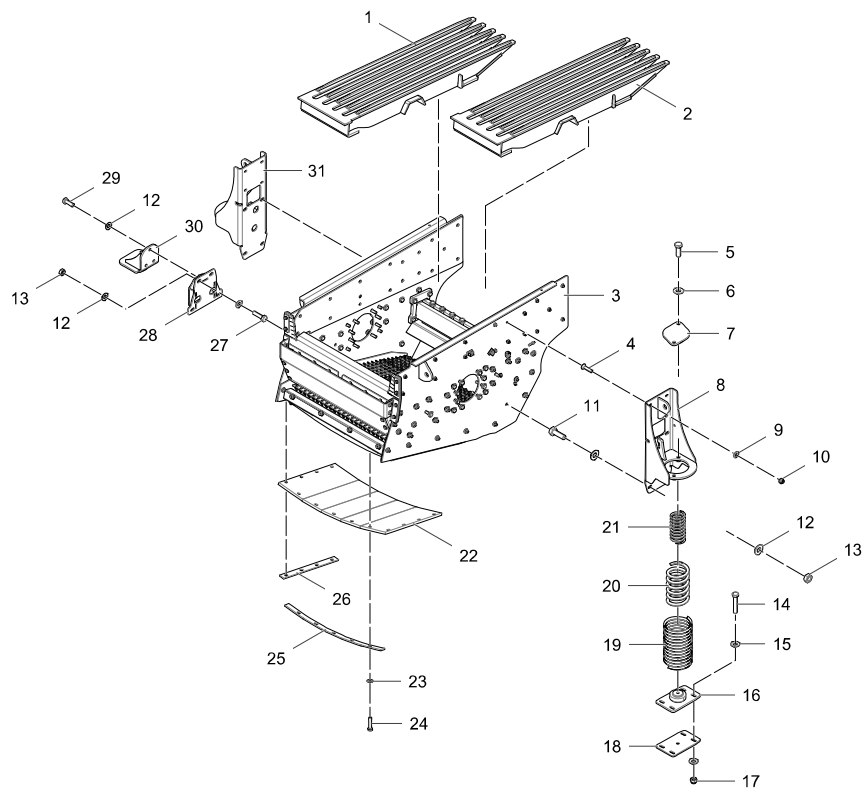




**09-01****PRESCREEN ASSEMBLY - OVERVIEW**

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	A-ASSEMBLY	1	FOR REFERENCE ONLY	SEE FIGURE 09-02 TO 09-04
2	B-ASSEMBLY	1	FOR REFERENCE ONLY	SEE FIGURE 09-05





## 09-02

## PREScreen ASSEMBLY 1

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
1	TC012-024-050	1	PREScreen CASSETTE LH (4 FINGER) - 100MM	OPTION
1	TC012-024-007	1	PREScreen CASSETTE (5 FINGER) - 75MM	
2	TC012-024-051	1	PREScreen CASSETTE LH (4 FINGER) - 100MM	OPTION
2	TC012-024-006	1	PREScreen CASSETTE (5 FINGER) - 75MM	
3	3-ASSEMBLY	1	FOR REFERENCE ONLY	SEE FIGURE 09-03
4	2226-0819	8	SCREW SKT CSK M12X50 BS4168	
5	2232-1348	4	M24-3.00 X 65 BLACK HEX HEAD BOLT GR 8.8 DIN931	
6	2212-2008	4	WASHER HARDENED M24BS4395	
7	TC006-024-006	2	UPPER SPRING MTG	
8	TC012-024-037	1	SPRING SEAT - TOP	
9	2210-0056	8	M12 WASHER TYPE C	
10	2217-0668	8	M12-1.75 ZINC NYLON INSERT LOCK NUT	
11	26.15.20060	16	M20 X 60 HSFG BOLT	
12	2212-2006	42	WASHER HARDENED M20 BS4395	
13	26.15.01020	18	M20 HSFG NUT	
14	2232-7211	16	M16-2.00 X 85 ZINC HEX HEAD BOLT GR 8.8 DIN931	
15	2212-1005	32	M16 ZINC HARDENED WASHER BS 4395	
16	AX902-779-501	4	SPRING MNT PLT ASM	
17	2217-0670	16	M16 X 2 NYLOC NUT	
18	TC012-024-042	4	PACKER PLATE	
19	AX871-801-001	4	FEEDER SPRING COVER	
20	301/13	4	SPRING	
21	84AV13	4	SPRING	
22	TC012-024-011	1	RUBBER - BOTTOM SCREENBOX	
23	2210-0058	13	M16 ZINC FORM C WASHER	
24	2232-1207	13	BOLT HEX M16X65 BS3692 GR8.8	
25	TC012-024-012	1	CLAMP (B) - BOTTOM SCREENBOX	



## 09-02

## PRESCREEN ASSEMBLY 1

ITEM	PART NUMBER	QTY	DESCRIPTION	NOTES
26	TC012-024-020	2	CLAMP (A) - BOTTOM SCREENBOX	
27	26.15.20075	2	M20 X 75MM HSFG BOLTS	
28	TC012-024-039	2	SPRING MTG-INNER	
29	2232-1277	6	M20-2.50 X 55 BLACK HEX HEAD BOLT GR 8.8 DIN931	
30	TC012-024-040	2	SPRING MTG ** USE TC012-024-043 **	
31	TC012-024-038	1	SPRING SEAT LHS	



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