

CATERPILLAR 1190

BZK / SEBP4478

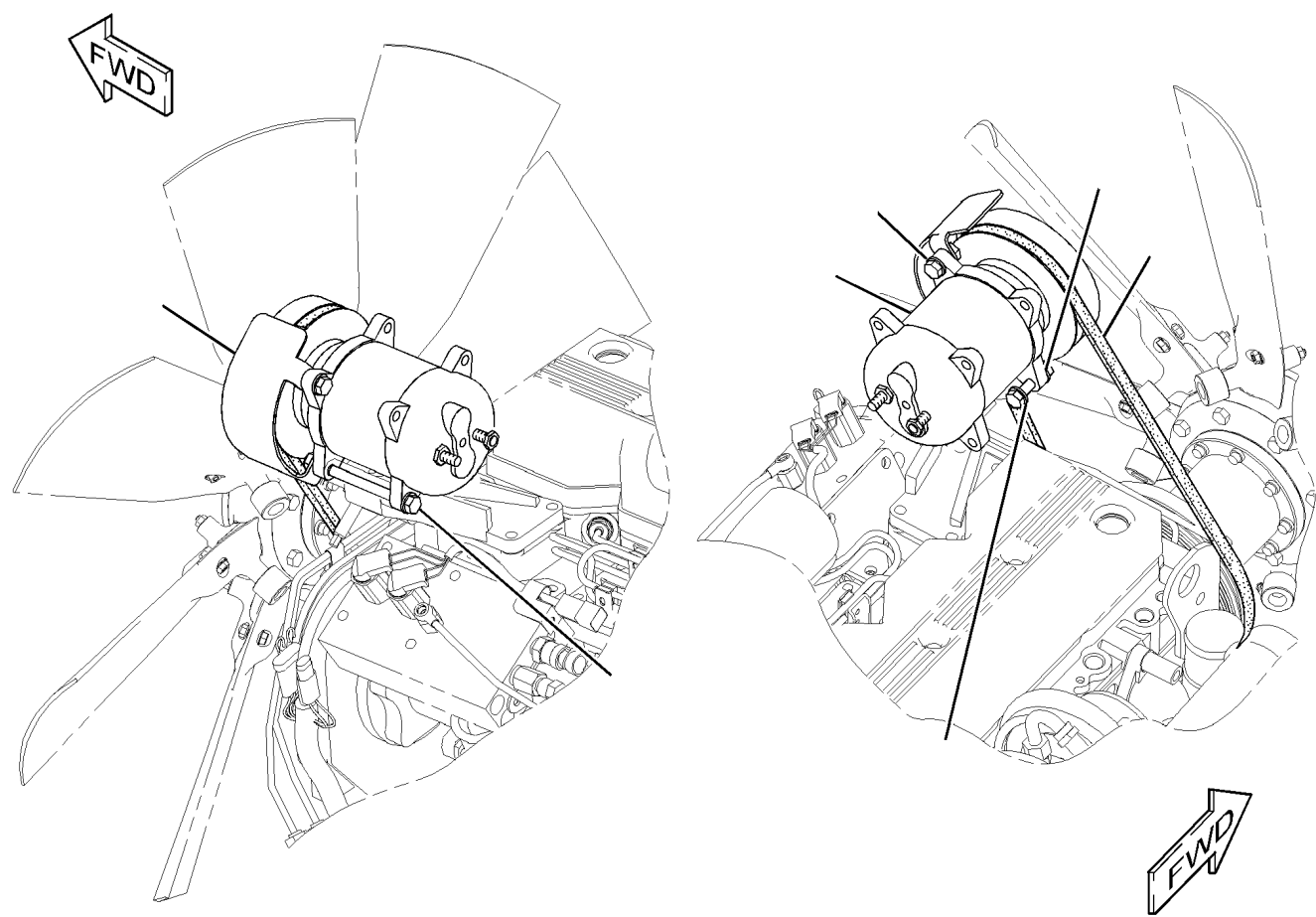
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Hydraulic system	
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240-8522 AIR COMPRESSOR GP

240-8522 AIR COMPRESSOR GP PART OF 272-0079 INSTALLATION AR-ENGINE

Drawing 1 of 1



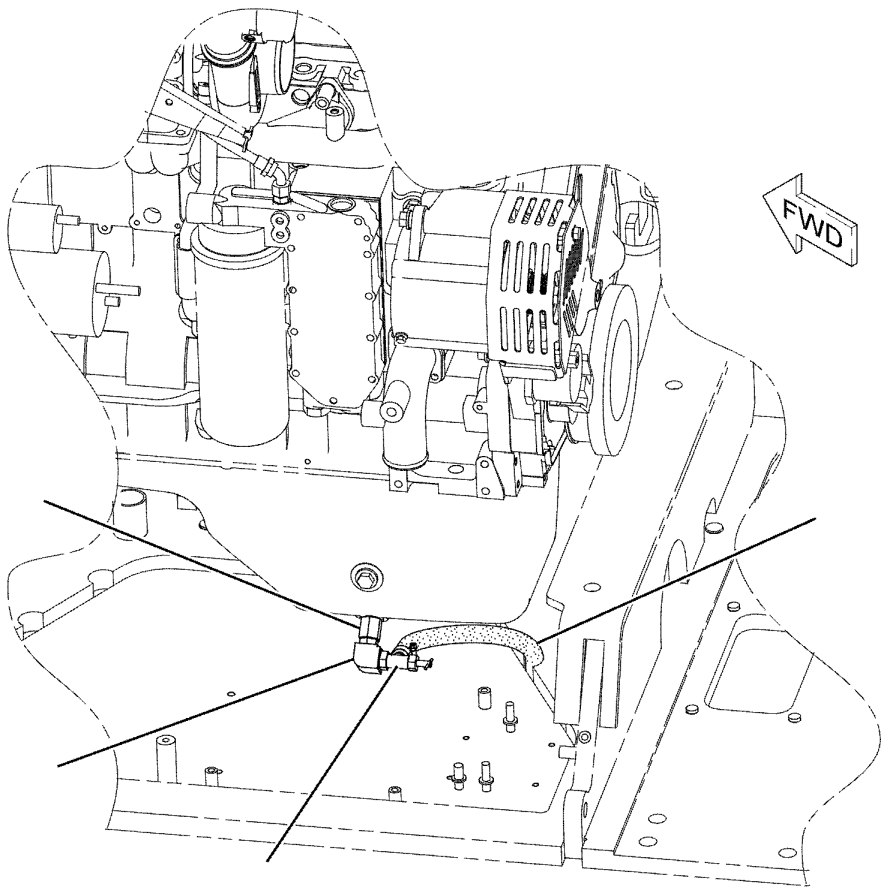
Ref.	Part number	Description	Qty	Code	Group page
1	106-5122	COMPRESSOR GP-REFRIGERANT	1	Y	
2	279-5041	GUARD AS-COMPRESSOR PULLEY	1		
	8T-3490	NUT-WELD (M10X1.5-THD)	2	M	
3	1P-3085	V-BELT (AIR COMPRESSOR)	1		
4	8T-4121	WASHER-HARD (11X21X2.5-MM THK)	4		
5	8T-4133	NUT (M10X1.5-THD)	1	M	
6	8T-4185	BOLT (M10X1.5X50-MM)	1	M	
7	8T-4195	BOLT (M10X1.5X30-MM)	1	M	
8	8T-5436	BOLT (M10X1.5X130-MM)	1	M	

CAT codes: M, Y.

240-9760 DRAIN GP-ENGINE OIL

240-9760 DRAIN GP-ENGINE OIL PART OF 272-0079 INSTALLATION AR-ENGINE

Drawing 1 of 1



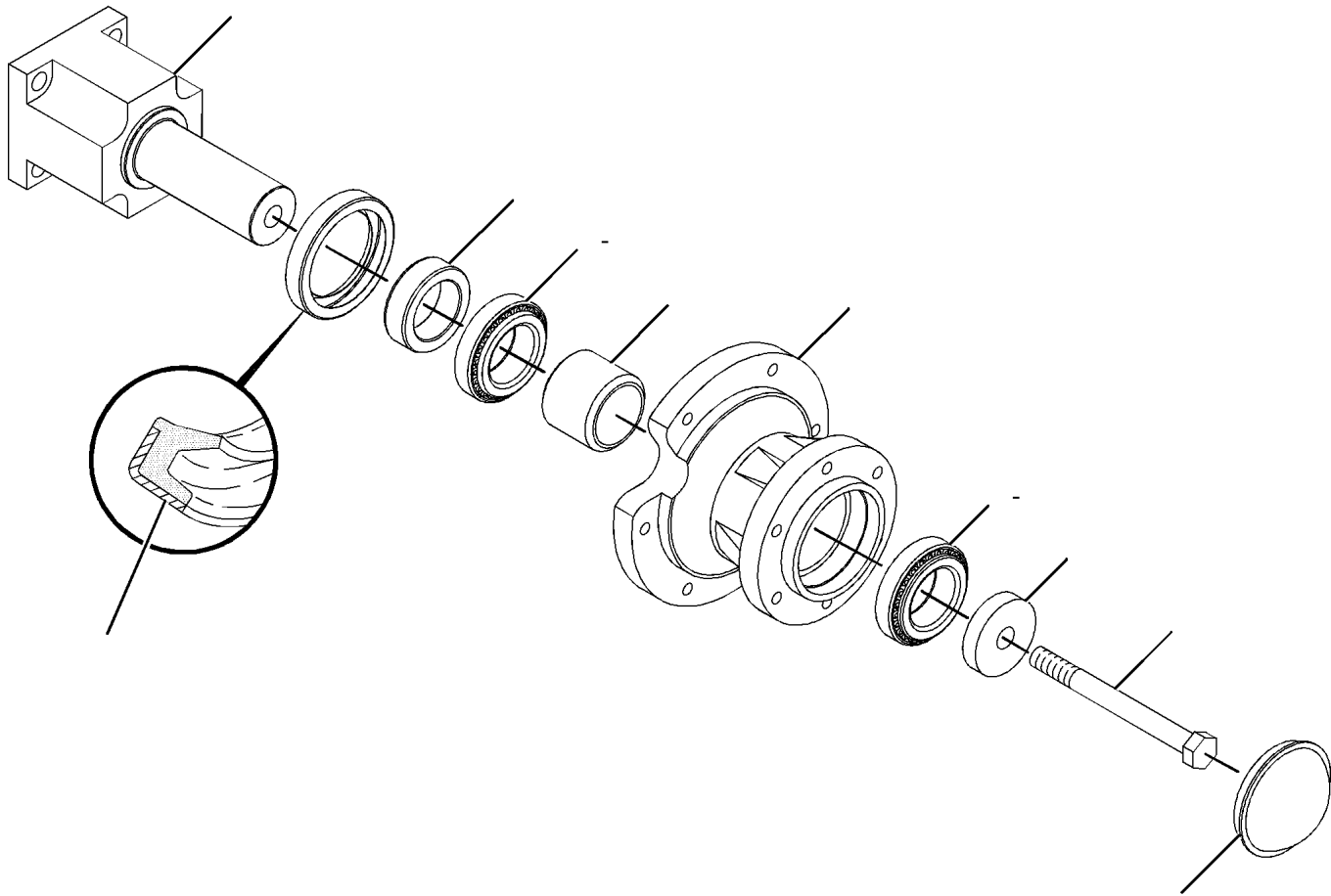
Ref.	Part number	Description	Qty	Code	Group page
1	194-2903	ELBOW AS	1		
	8T-0119	ELBOW	1		
	3K-0360	SEAL-O-RING	1		
2	095-1388	CLAMP-HOSE	1		
3	165-2273	VALVE AS-SHUTOFF (ENGINE OIL DRAIN)	1		
	6V-7238	VALVE-SHUTOFF (ENGINE OIL DRAIN)	1		
	3K-0360	SEAL-O-RING	1		
4	8T-7524	SEAL-O-RING	1		
5	8T-7863	CONNECTOR	1		
6	5P-0767	HOSE (31-CM)		E	

CAT codes: E.

231-6686 DRIVE GP-FAN

231-6686 DRIVE GP-FAN PART OF 239-6189 FAN GP-SUCTION AN ATTACHMENT

Drawing 1 of 1



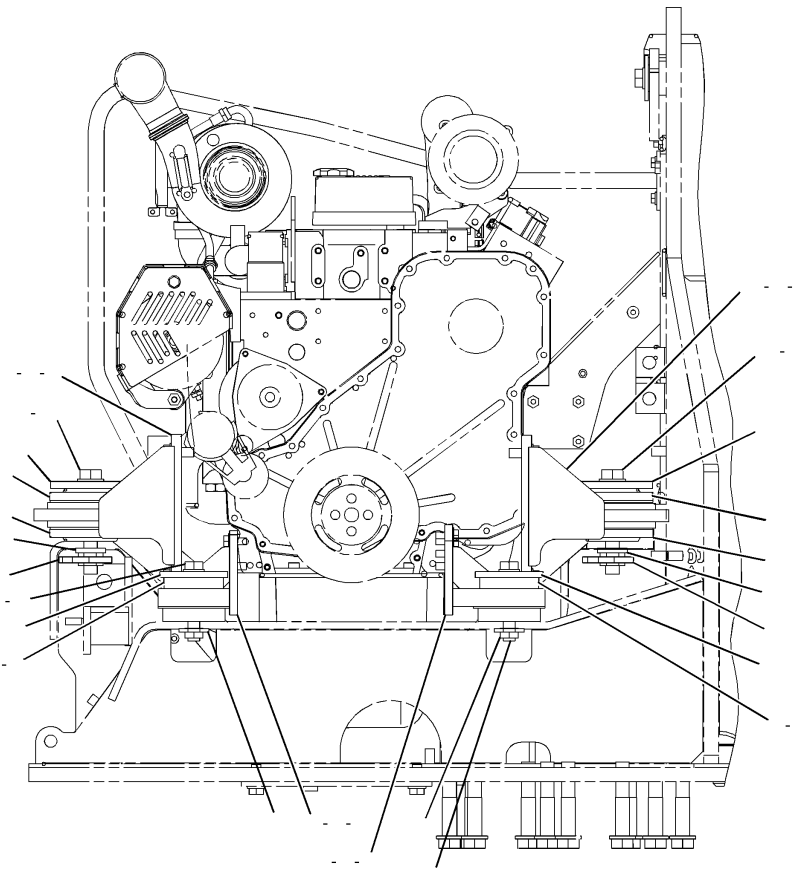
Ref.	Part number	Description	Qty	Code	Group page
1	4W-1203	CUP-BEARING	2		
2	4W-1204	CONE-BEARING	2		
3	4W-2042	SPACER (35.3X45.5X38.331-MM THK)	1		
4	7C-8369	HUB	1		
5	7C-8370	CAP-DUST	1		
6	7C-8634	PLATE	1		
7	214-7823	BRACKET AS	1		
8	5S-9062	SPACER (35.032X50.8X15.88-MM THK)	1		
9	6V-8004	BOLT (M12X1.75X120-MM)	1	M	
10	6V-9748	SEAL-LIP TYPE	1		

CAT codes: M.

239-6167 MOUNTING GP-ENGINE

239-6167 MOUNTING GP-ENGINE PART OF 272-0079 INSTALLATION AR-ENGINE

Drawing 1 of 1



FRONT VIEW

Ref.	Part number	Description	Qty	Code	Group page
1	9W-6582	SLEEVE	2		
2	9W-9920	MOUNTING AS-VIBRATION ISOLATOR	2		
3	118-9930	SUPPORT AS	2		
4	139-8736	MOUNT-FLEXIBLE	2		
5	139-8737	MOUNT-FLEXIBLE	2		
6	139-8873	SUPPORT AS	2	M	
7	239-6203	BRACKET AS (RH)	1		
8	239-6204	BRACKET AS (LH)	1		
9	239-6211	BRACKET AS (RH)	1		
10	239-6212	BRACKET AS (LH)	1		
11	109-9437	WASHER (24.5X135X12-MM THK)	2		
12	7X-2553	BOLT (M16X2X40-MM)	8	M	
13	7X-2567	BOLT (M24X3X160-MM)	2	M	
14	8T-1482	WASHER-HARD (26X50X8-MM THK)	2		
15	8T-4123	WASHER (22X35X3.5-MM THK)	2		

239-6167 MOUNTING GP-ENGINE (continued)

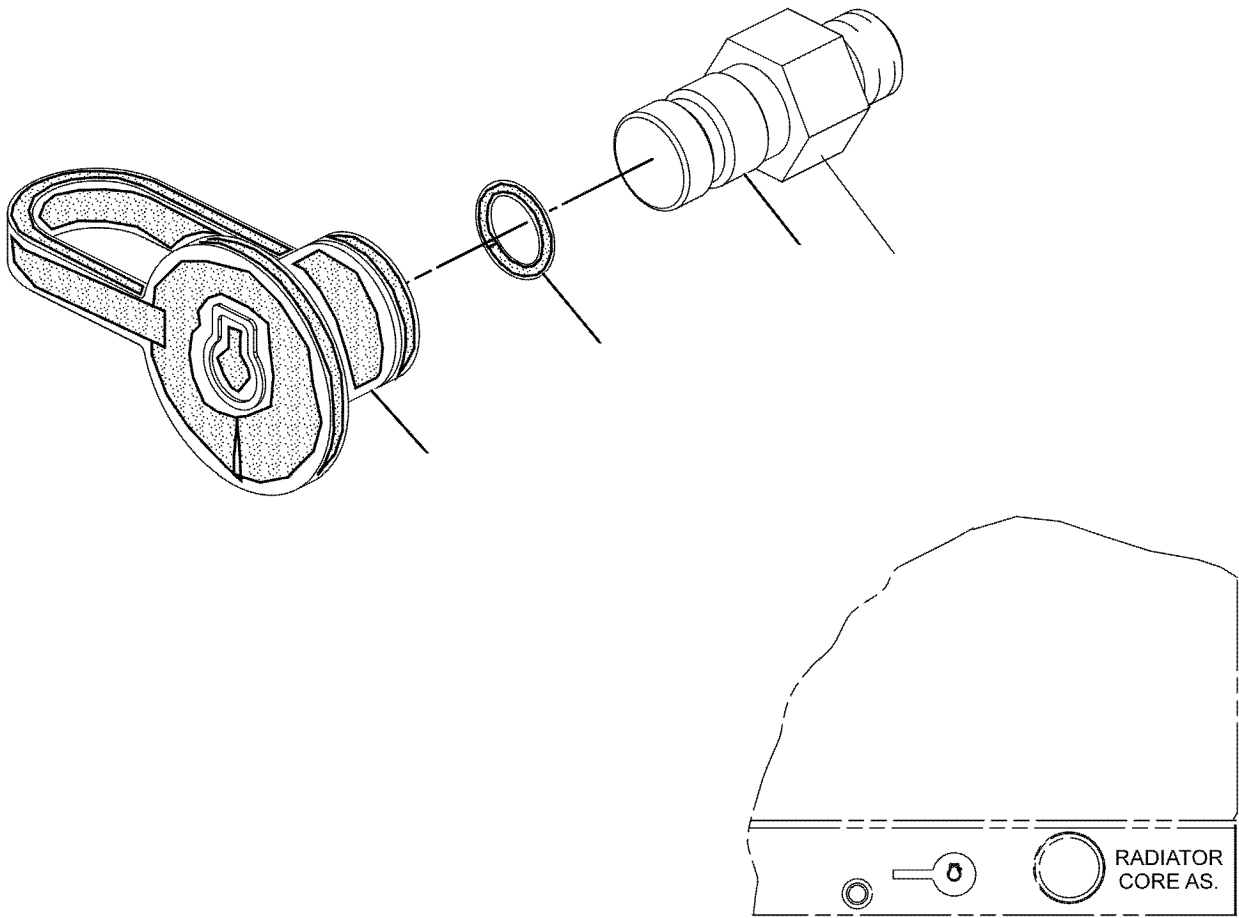
Ref.	Part number	Description	Qty	Code	Group page
16	8T-4139	BOLT (M12X1.75X30-MM)	8	M	
17	8T-4167	WASHER-HARD (26X44X4-MM THK)	2		
18	8T-4223	WASHER-HARD (13.5X25.5X3-MM THK)	8		
19	8T-6381	BOLT (M20X2.5X120-MM)	2	M	
20	9W-6584	WASHER (20.5X114X10-MM THK)	2		
21	9X-8257	WASHER (17.5X30X3.5-MM THK)	8		

CAT codes: M.

240-7899 VALVE GP-FLUID SAMPLING -COOLANT

240-7899 VALVE GP-FLUID SAMPLING -COOLANT PART OF 272-0079 INSTALLATION AR-ENGINE

Drawing 1 of 1

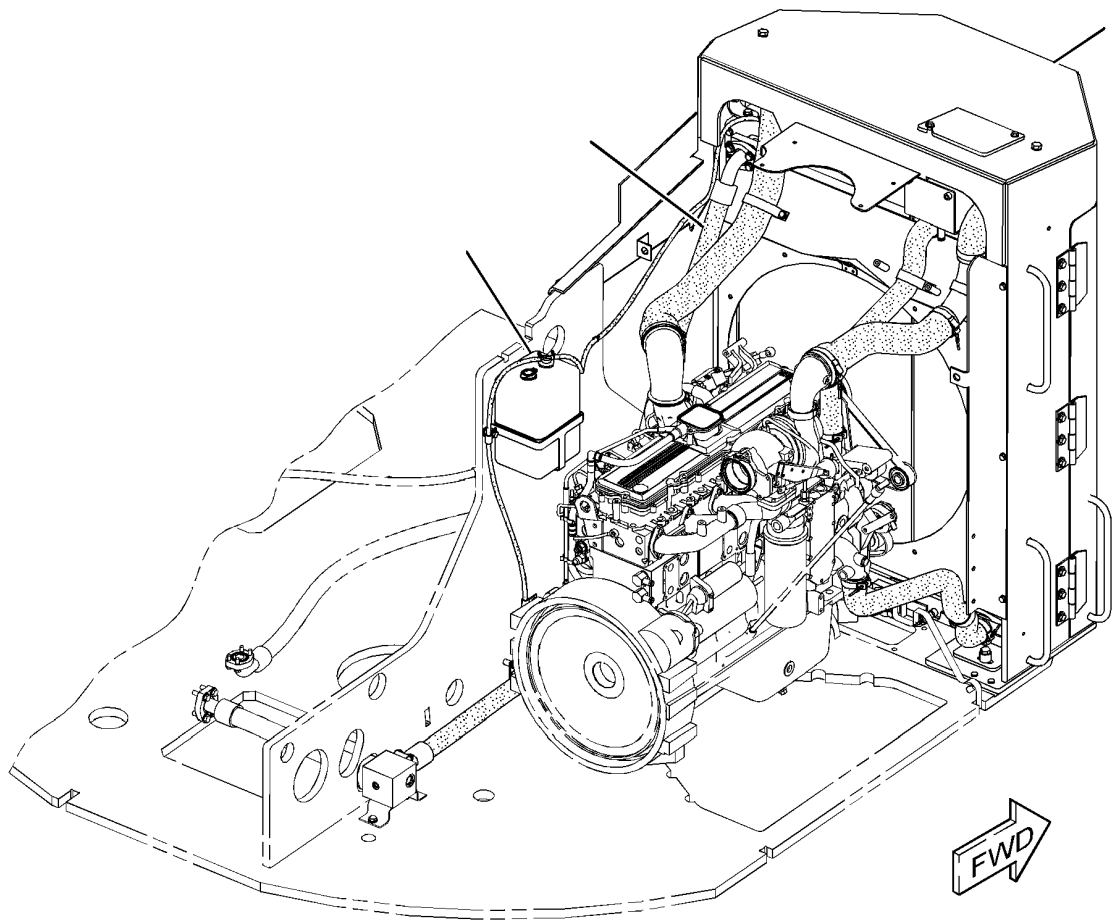


Ref.	Part number	Description	Qty	Code	Group
			.		page
1	157-0670	CAP-DUST	1		
2	3j-7354	SEAL-O-RING	1		
3	154-9023	VALVE-SAMPLING	1		

285-4360 COOLING AR

285-4360 COOLING AR PART OF 272-0074 COMMON AR

Drawing 1 of 1



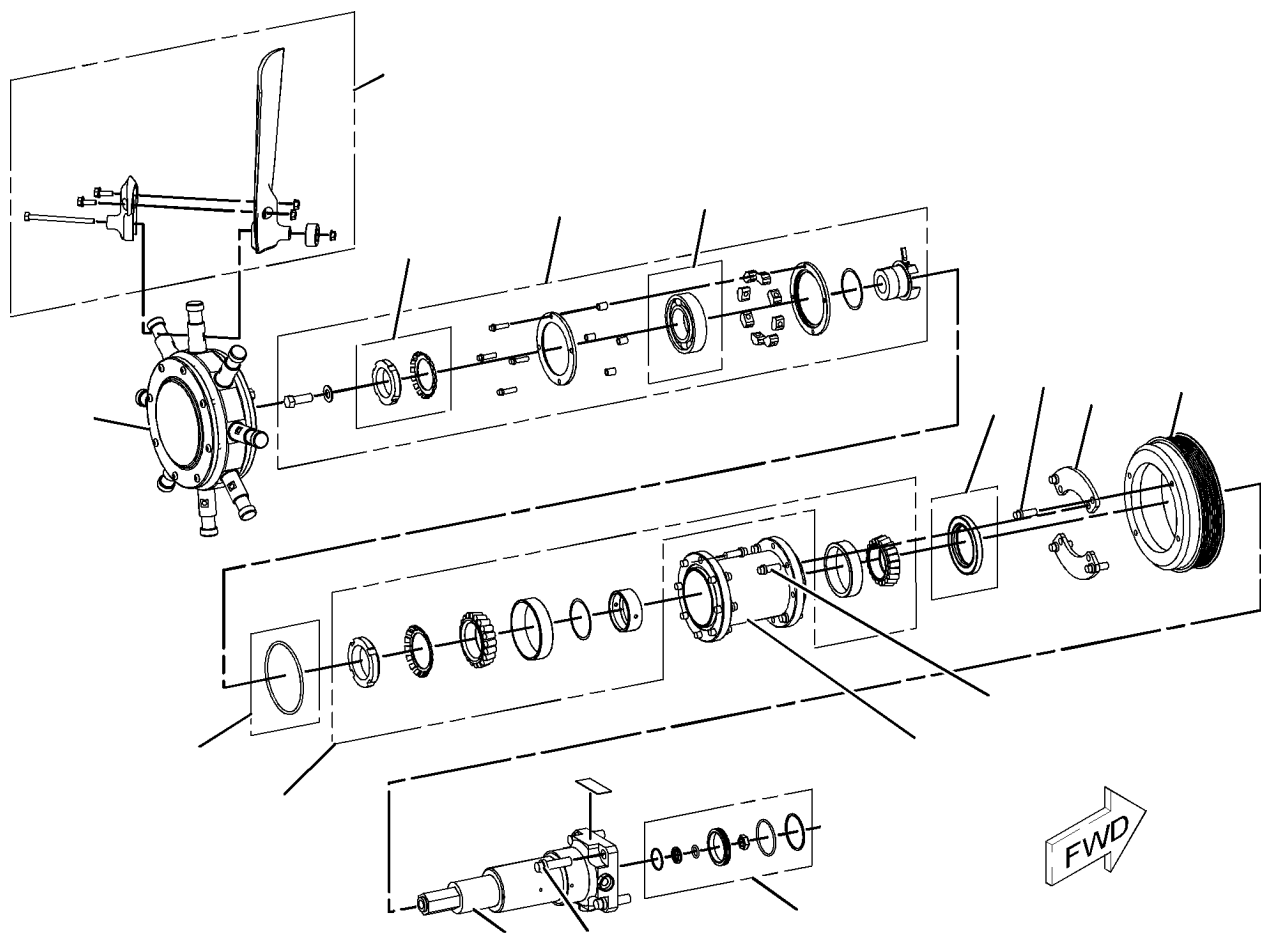
Ref.	Part number	Description	Qty	Code	Group page
1	216-9865	GUARD GP-RADIATOR	1	Y	
2	280-9831	LINES GP-COOLING	1	Y	
3	285-4361	LINES GP-COOLANT	1	Y	

CAT codes: Y.

223-7634 FAN GP-REVERSIBLE

223-7634 FAN GP-REVERSIBLE PART OF 239-6188 FAN GP-REVERSIBLE AN ATTACHMENT

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	236-0819	KIT-FAN BLADE	4		
(EACH INCLUDES BLADES, LOCKNUTS, COUNTERWEIGHTS, RETAINERS & BOLTS)					
2	228-3380	KIT-FAN HUB	1		
(INCLUDES BOLTS, LOCKNUTS, WASHERS, BEARINGS, SHIM PACK, SPACERS, END PLATE, PIVOT BLOCKS & SHAFT)					
3	228-3381	KIT-BEARING	1		
(INCLUDES LOCKNUTS, LOCKWASHERS, BEARINGS, SHIM PACK & SPACER)					
4	228-3382	KIT-FAN (PIVOT BLOCK, SHIFTER)	1		
(INCLUDES BOLTS, WASHERS, LOCKNUT, END PLATE, SPACERS, BEARING, PIVOT BLOCK, SHIM & SHAFT)					
5	236-0827	KIT-SEAL (FAN)	1		
(INCLUDES SEALS, NUT & RETAINER)					
6	236-0828	CARRIER-BEARING	1		
7	1T-0765	BOLT (3/8-16X1-IN)	16		
8	236-0829	LINK	2		

223-7634 FAN GP-REVERSIBLE (continued)

Ref.	Part number	Description	Qty	Code	Group page
9	272-0107	PULLEY-FAN	1		
10	236-0831	SHAFT	1		
11	118-9573	BOLT-12 POINT HEAD (M10X1.5X35-MM)	4	M	

CAT codes: M.

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