

CATERPILLAR C280-16

ENS / SEBP5165

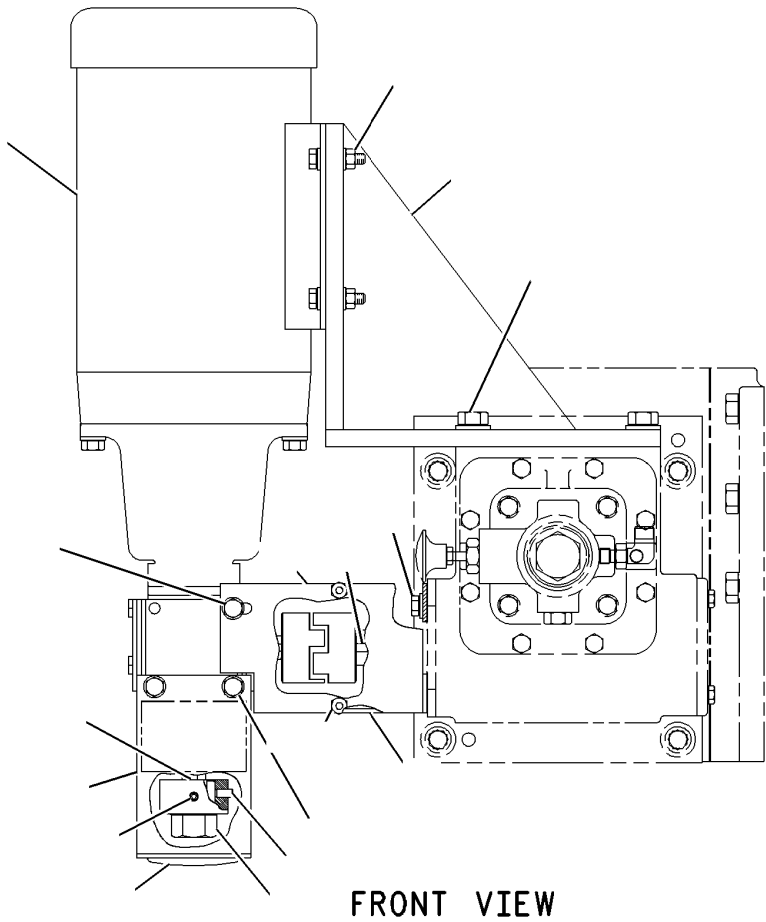
Contents

Section	Page
Basic engine	2
Lubrication system	
Cooling system	
Air inlet and exhaust	
Fuel system	
Basic engine	
Basic engine	
Electrical and electronics	
Power train	
Frame, guards and enclosure	
Undercarriage	
Steering and brakes	

218-4449 BARRING & MOUNTING GP

218-4449 BARRING & MOUNTING GP (CHG -00) 480VOLT/3 PH/60HZ APPLICATIONS

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	0L-1351	BOLT (3/8-16X0.875-IN)	2		
2	0S-1595	BOLT (1/2-13X1.25-IN)	4		
3	1B-2790	BOLT (5/16-18X1.375-IN)	4		
4	1C-0569	BOLT (5/16-18X0.5-IN)	5		
5	1K-6979	SETSCREW-HEX SOCKET (1/4-20-THD)	2		
6	2B-7947	KEY (SQUARE)	1		
7	3V-3308	WASHER-HARD (10.2X20.5X2.5-MM THK)	2		
8	5P-0537	WASHER-HARD (7.2X14.5X2-MM THK)	2		
9	5P-8245	WASHER-HARD (13.5X25.5X3-MM THK)	4		
10	5S-0003	NUT (5/16-18-THD)	4		
11	7M-3248	BUTTON-PLUG	1		
12	9M-1974	WASHER-HARD (8.8X16X2-MM THK)	13		
13	9S-8750	NUT-FULL (1/4-20-THD)	2		
14	092-8399	KEY-SQUARE	1		
15	141-4309	BRACKET AS	1		

218-4449 BARRING & MOUNTING GP (continued)

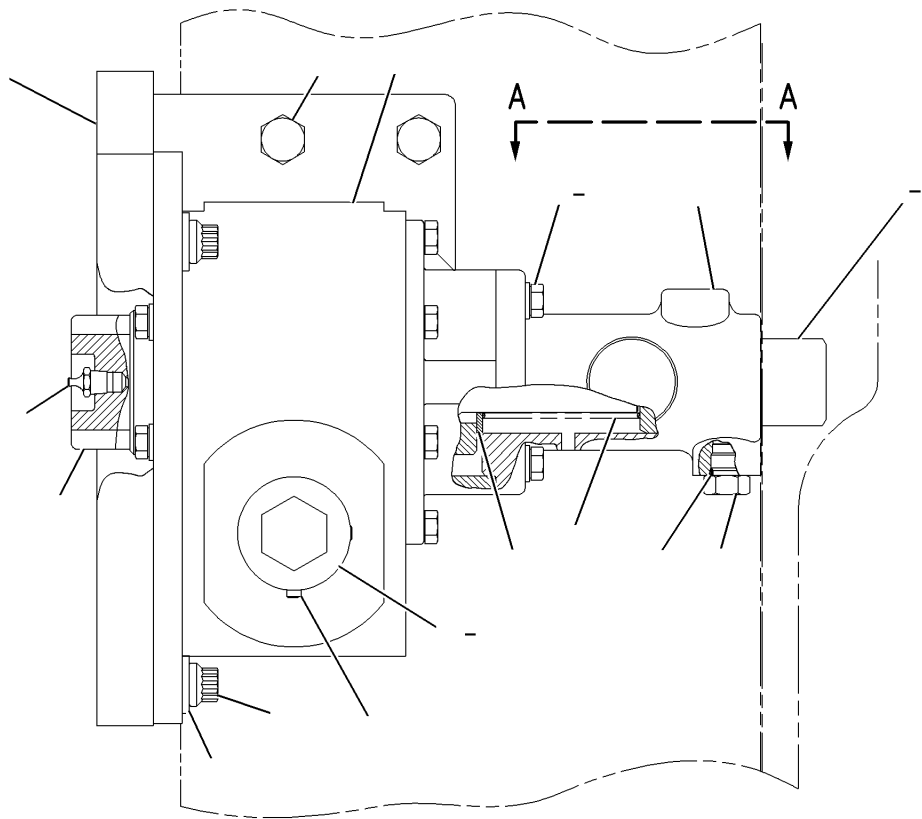
Ref.	Part number	Description	Qty	Code	Group page
16	141-4312	GUARD	1		
17	141-4318	ADAPTER	1		
18	148-1954	GUARD	1		
19	148-1969	BRACKET AS	1		
20	218-0252	MOTOR GP-ELECTRIC	1	Y	

CAT codes: Y.

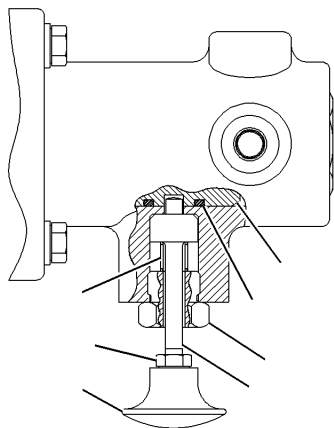
4P-8034 BARRING & MOUNTING GP

4P-8034 BARRING & MOUNTING GP (CHG -00-00D1 THRU -02, -02D1, -02D2, -02D3, -02D4, -02D5, -02D6)

Drawing 1 of 1



RIGHT SIDE VIEW



VIEW A-A

Ref.	Part number	Description	Qty	Code	Group page
1	4P-8035	BRACKET AS	1		
	6V-3538	DOWEL	4		
2	0S-1585	BOLT (1/2-13X1.5-IN)	6		
3	4P-8036	REDUCER GP-SPEED	1		
4	4K-5175	BOLT-12 POINT HEAD (1/2-13X1.5-IN)	4		

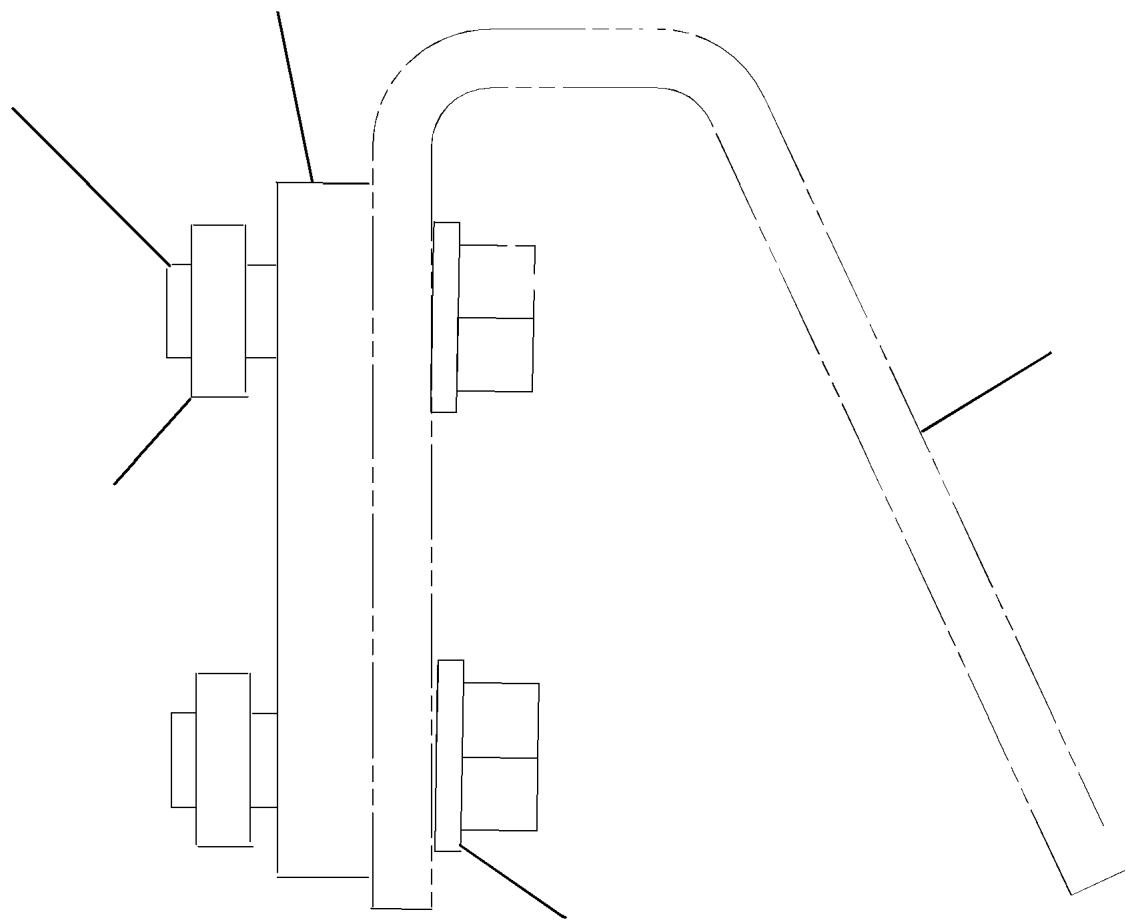
4P-8034 BARRING & MOUNTING GP (continued)

Ref.	Part number	Description	Qty	Code	Group page
5	5P-8245	WASHER-HARD (13.5X25.5X3-MM THK)	4		
6	180-6982	SHAFT-PINION	1		
7	3B-8489	FITTING-GREASE	1		
8	9S-1302	WASHER (27X44.45X2.5-MM THK)	3		
9	9Y-4709	SPRING (HIGH IDLE)	1		
10	4P-8038	COLLAR	1		
11	5P-8215	SEAL-O-RING	2		
12	180-6981	RETAINER	1		
13	4P-8040	HOUSING	1		
14	4B-3388	BOLT (5/16-18X1.125-IN)	4		
15	9M-1974	WASHER-HARD (8.8X16X2-MM THK)	4		
16	9S-4191	PLUG (9/16-18-THD)	1		
17	3J-1907	SEAL-O-RING	1		
18	7C-7807	ADAPTER	1		
19	2B-7947	KEY (SQUARE)	1		
20	4B-9808	SETSCREW (1/4-20X0.5-IN)	2		
21	7W-0196	GUIDE	1		
22	9S-8748	NUT-FULL (1/4-28-THD)	1		
23	5H-9573	KNOB-CHOKE	1		
24	7W-0195	STEM	1		
25	5L-1091	SPRING	1		
26	5S-2586	BOLT (3/8-16X1.75-IN)	1		

294-4655 BRACKET GP-MOUNTING

294-4655 BRACKET GP-MOUNTING (CHG -00) PART OF 354-2798, 364-1142 TRAY GP-CABLE

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	202-2141	NUT-SQUARE (5/16-18-THD)	2		
2	293-0987	BRACKET-MOUNTING	1		
3	293-0988	BLOCK	1		
4	4B-3388	BOLT (5/16-18X1.125-IN)	2		
5	9M-1974	WASHER-HARD (8.8X16X2-MM THK)	2		

195-8110 BRACKET GP-SHIPPING

195-8110 BRACKET GP-SHIPPING (CHG -00 THRU -02)

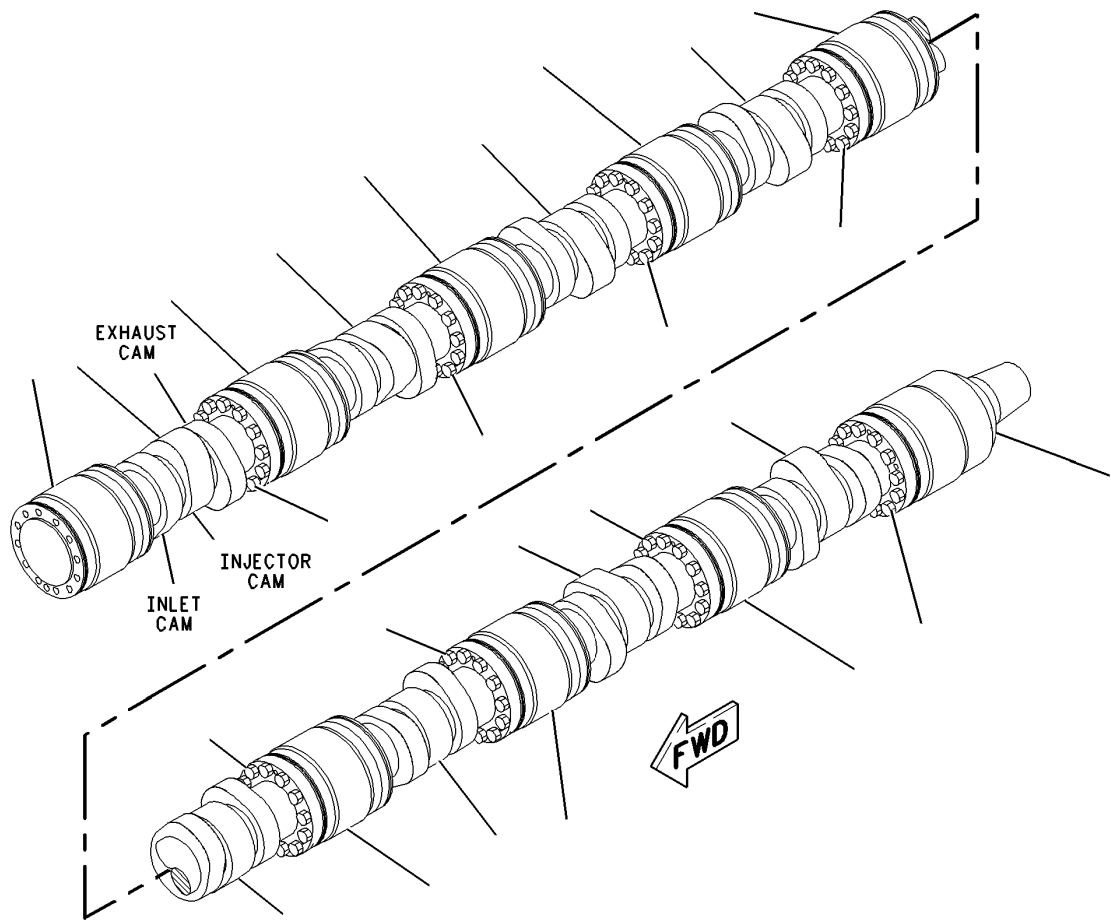
Kit / parts list. The current source card does not provide a separate drawing.

Ref.	Part number	Description	Qty	Code	Group page
	7X-0405	BOLT (1-8X2.75-IN)	12		
	195-3470	BRACKET	4		
	6V-8190	NUT (1-8-THD)	12		
	8T-5361	WASHER-HARD (28X49X5-MM THK)	24		

180-0548 CAMSHAFT AS

180-0548 CAMSHAFT AS (CHG -00, -01) STANDARD ROTATION PART OF 180-0547 CAMSHAFT GP

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	7E-7061	SHAFT AS	1		
	6V-3538	DOWEL	1		
2	7E-7065	CAMSHAFT	8		
3	7E-7155	JOURNAL AS-CAMSHAFT	1		
	6V-3538	DOWEL	2		
	7E-7153	JOURNAL-CAMSHAFT	1		
4	7E-7158	JOURNAL AS-CAMSHAFT	2		
(EACH INCLUDES)					
	6V-3538	DOWEL	2		
	7E-7153	JOURNAL-CAMSHAFT	1		
5	7E-7159	JOURNAL AS-CAMSHAFT	2		
(EACH INCLUDES)					
	6V-3538	DOWEL	2		
	7E-7153	JOURNAL-CAMSHAFT	1		
6	7E-7160	JOURNAL AS-CAMSHAFT	1		

180-0548 CAMSHAFT AS (continued)

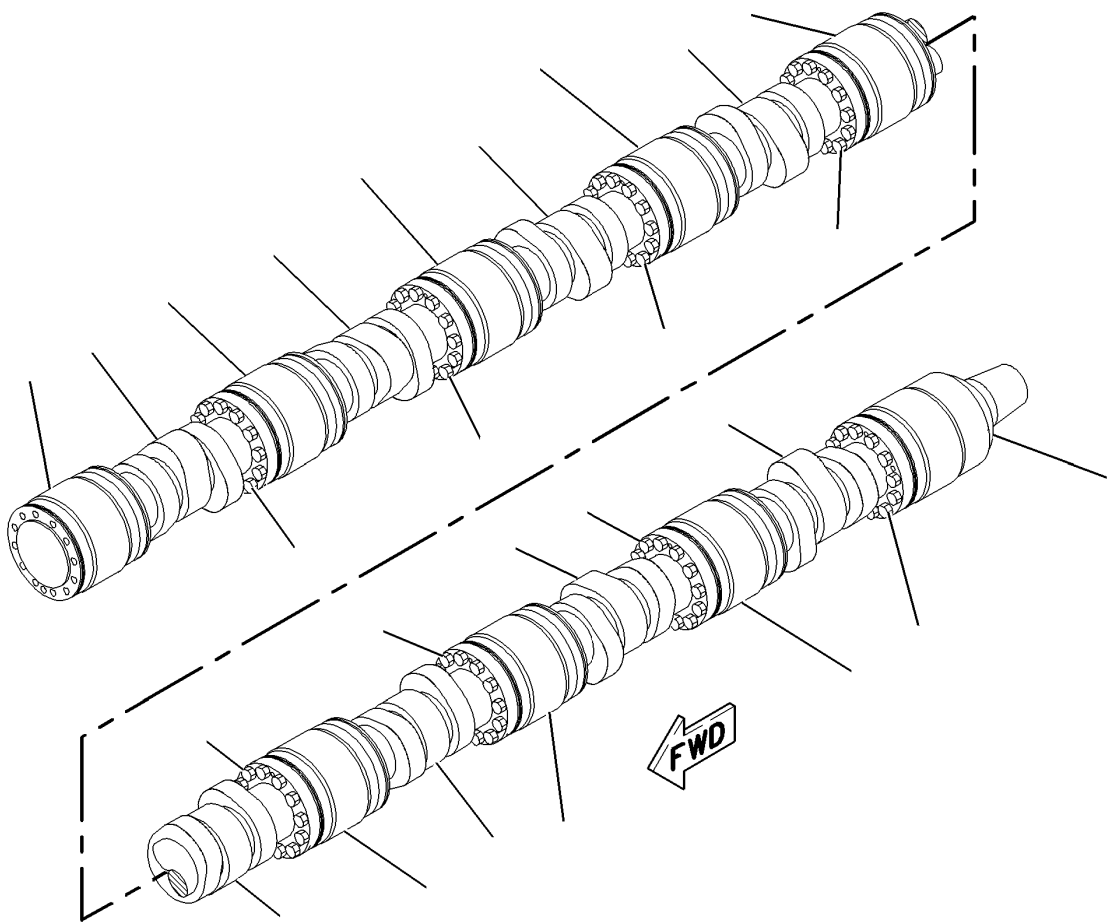
Ref.	Part number	Description	Qty	Code	Group page
	6V-3538	DOWEL	2		
	7E-7154	JOURNAL-CAMSHAFT	1		
7	7E-7161	JOURNAL AS-CAMSHAFT	1		
	6V-3538	DOWEL	2		
	7E-7154	JOURNAL-CAMSHAFT	1		
8	9X-6380	BOLT (5/8-11X1.5-IN)	192		
9	169-4304	JOURNAL-CAMSHAFT	1		

CAT codes: R.

7E-7151 CAMSHAFT AS -LH

7E-7151 CAMSHAFT AS -LH (CHG -00 THRU -02) STANDARD ROTATION PART OF 180-0547 CAMSHAFT GP

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	7E-7167	SHAFT AS-DRIVE	1		
	6V-3538	DOWEL	1		
2	7E-7169	CAMSHAFT	8		
3	9X-6380	BOLT (5/8-11X1.5-IN)	192		
4	7E-7158	JOURNAL AS-CAMSHAFT	2		
(EACH INCLUDES)					
	6V-3538	DOWEL	2		
	7E-7153	JOURNAL-CAMSHAFT	1		
5	7E-7159	JOURNAL AS-CAMSHAFT	2		
(EACH INCLUDES)					
	6V-3538	DOWEL	2		
	7E-7153	JOURNAL-CAMSHAFT	1		
6	7E-7155	JOURNAL AS-CAMSHAFT	1		
	6V-3538	DOWEL	2		
	7E-7153	JOURNAL-CAMSHAFT	1		

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