

CATERPILLAR CX31

D9R / SEBP5959

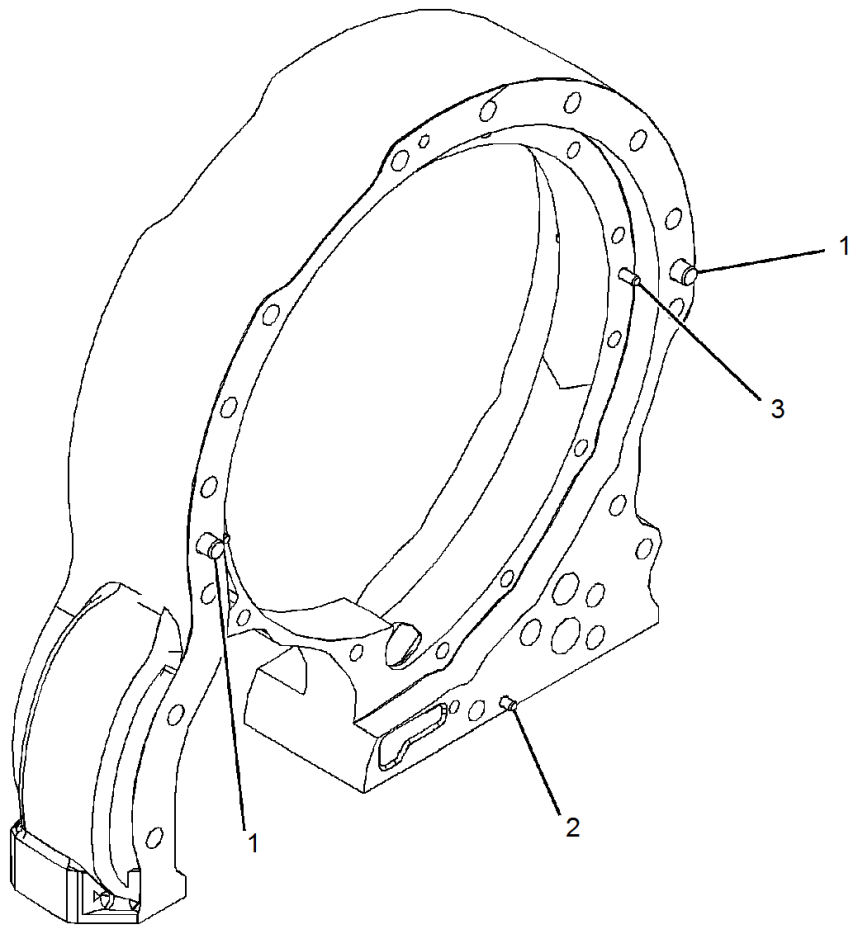
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Power train	
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Power train	

375-2451 HOUSING AS-TORQUE CONVERTER

375-2451 HOUSING AS-TORQUE CONVERTER S/N S7H1-UP; D9R1-UP PART OF 277-6890, 418-7978 HOUSING GP-TORQUE CONVERTER

Drawing 1 of 1

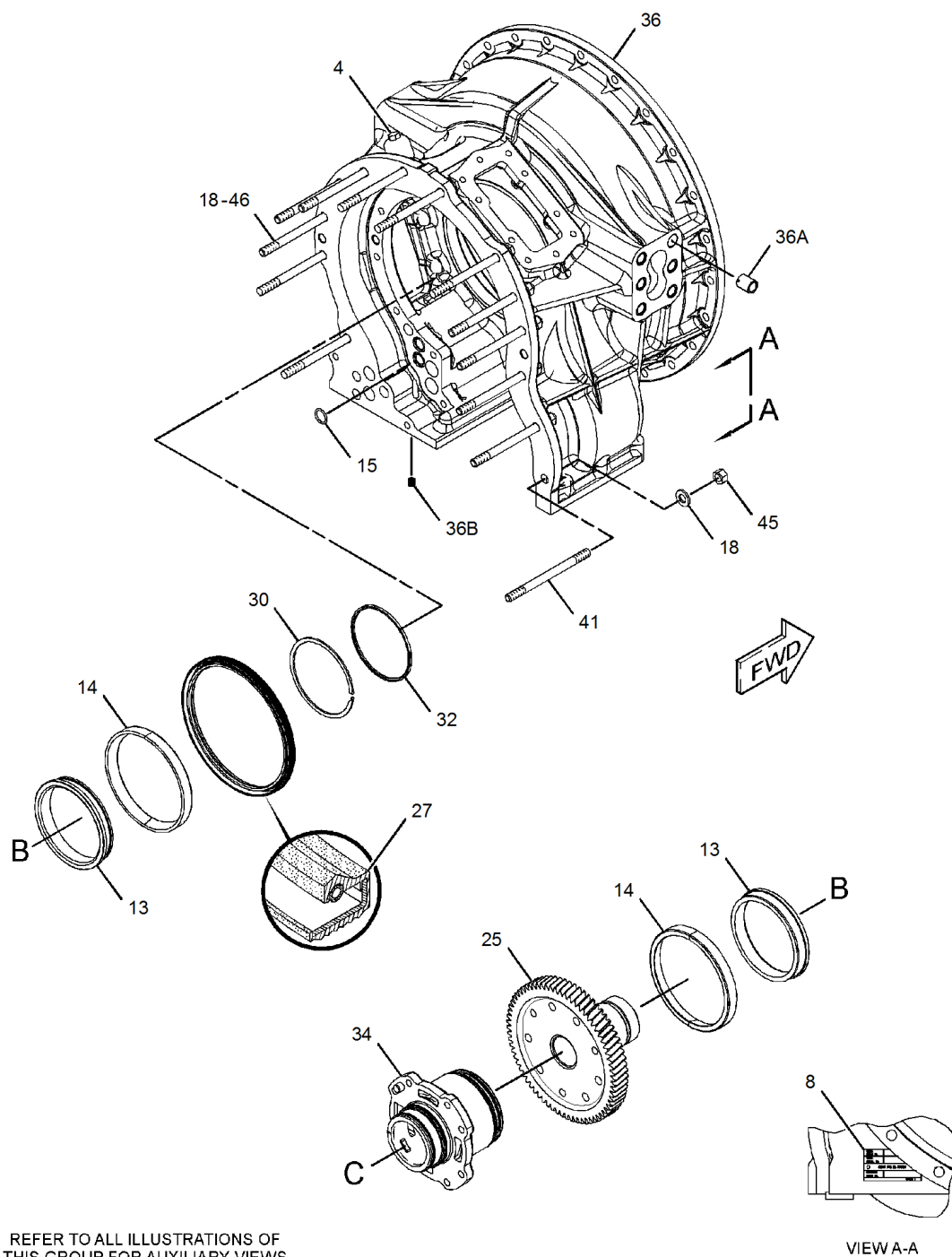


Ref.	Part number	Description	Qty	Code	Group page
1	1A-2223	DOWEL	2		
2	2H-1190	PIN-DOWEL	1		
3	3H-0703	DOWEL	4		

277-6890 HOUSING GP-TORQUE CONVERTER -RETARDER

277-6890 HOUSING GP-TORQUE CONVERTER -RETARDER S/N D9R1-UP PART OF 361-4013 TRANSMISSION AR-CORE

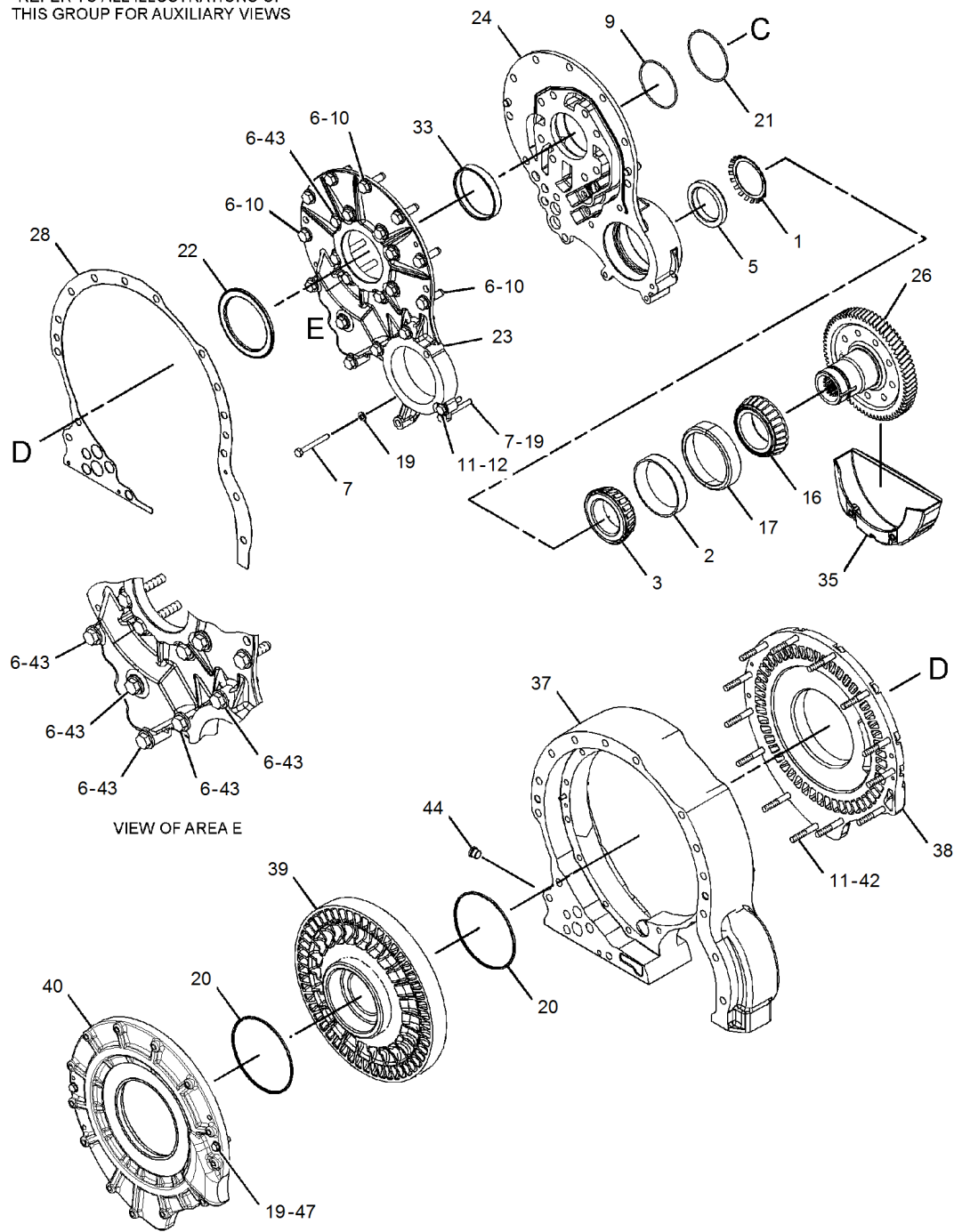
Drawing 1 of 2



277-6890 HOUSING GP-TORQUE CONVERTER -RETARDER
(continued)

Drawing 2 of 2

REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS



Ref.	Part number	Description	Qty	Code	Group page
1	1B-6161	LOCK	1		
2	2P-8986	CUP-BEARING	1		
3	2P-8987	CONE-BEARING	1		
4	4H-6112	BREATHER (TORQUE CONVERTER)	1		
5	4H-7859	LOCKNUT-BEARING	1		

277-6890 HOUSING GP-TORQUE CONVERTER -RETARDER

(continued)

Ref.	Part number	Description	Qty	Code	Group page
6	5P-8245	WASHER-HARD (13.5X25.5X3-MM THK)	20		
7	5P-8347	BOLT (M8X1.25X70-MM)	2	M	
8	338-0891	PLATE-INFORMATION (TRANSMISSION)	1		
9	6V-3551	SEAL-O-RING	1		
10	6V-5684	BOLT (M12X1.75X45-MM)	7	M	
11	6V-5839	WASHER (11X21X2.5-MM THK)	14		
12	6V-5843	BOLT (M10X1.5X45-MM)	1	M	
13	6V-7421	CONE-SPECIAL TAPERED	2		
14	6V-7422	CUP-SPECIAL TAPERED	2		
15	7L-9061	SEAL-O-RING	2		
16	8H-7801	CONE-BEARING	1		
17	8H-7803	CUP-BEARING	1		
18	8T-4223	WASHER-HARD (13.5X25.5X3-MM THK)	13		
19	9M-1974	WASHER-HARD (8.8X16X2-MM THK)	4		
20	128-1663	RING-SEAL	2		
21	136-3378	SEAL-O-RING	1		
22	257-8660	BEARING-THRUST	1		
23	265-5834	MANIFOLD	1		
24	366-0683	MANIFOLD	1		
25	295-8261	GEAR (55-TEETH)	1		
26	265-5840	GEAR (70-TEETH)	1		
27	363-2112	SEAL-LIP TYPE	1		
28	352-1944	GASKET	1		
30	274-4252	RING-RETAINING	1		
32	274-4254	RING-SEAL	1		
33	274-6111	RACE-BEARING	1		
34	274-9319	CARRIER AS-RING	1		
	1A-2223	DOWEL	1		
35	380-2810	SHIELD AS	1		
36	277-6892	HOUSING AS-TORQUE CONVERTER	1		
	5M-7937	DOWEL	2		
36A	265-6991	INSERT-THREADED (M16X2-THD)	12	M	
36B	266-4188	INSERT-THREADED (M8X1.25-THD)	9	M	
37	375-2451	HOUSING AS-TORQUE CONVERTER (INTERMEDIATE)	1	Y	
38	304-5103	STATOR-RETARDER	1		

277-6890 HOUSING GP-TORQUE CONVERTER -RETARDER

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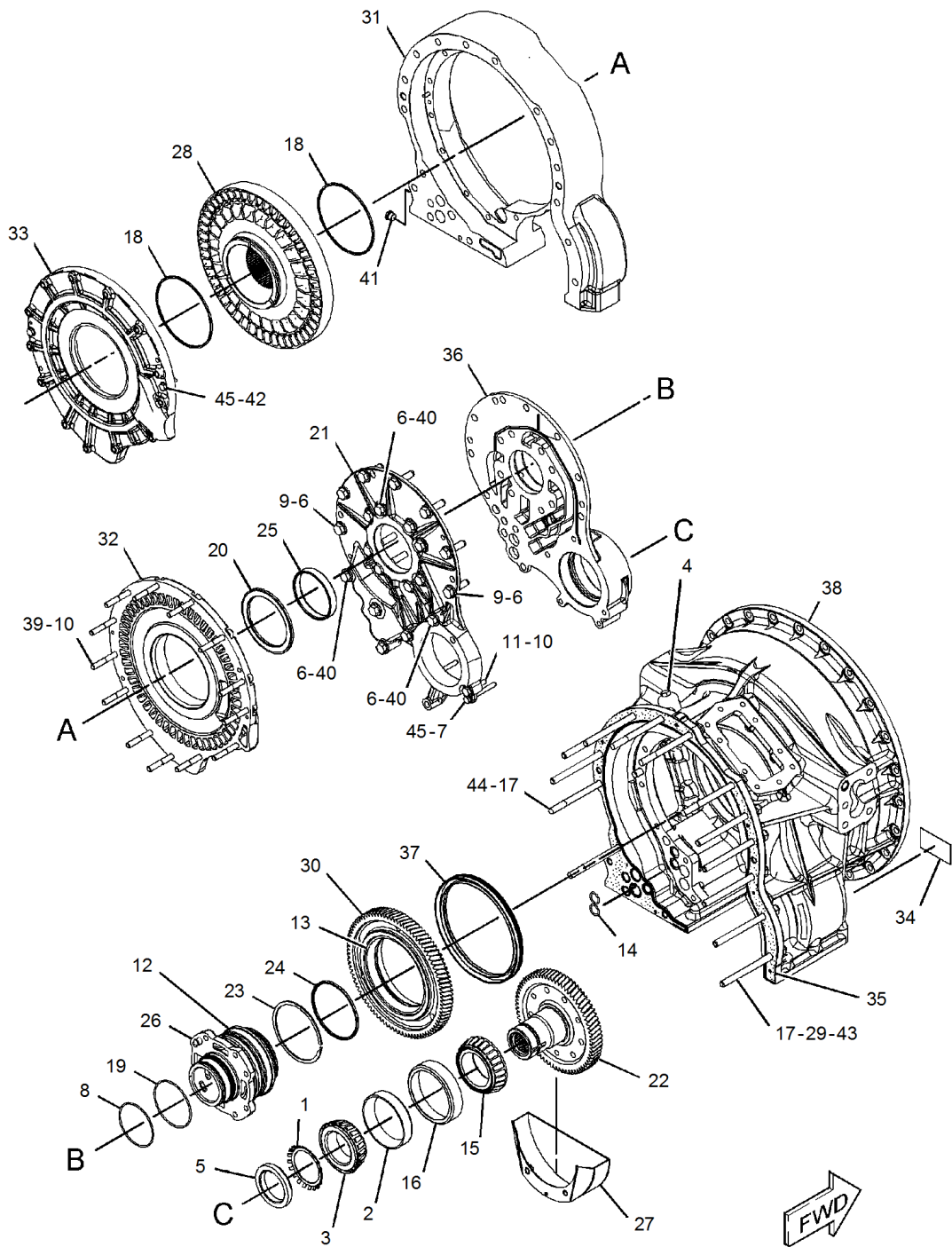
Ref.	Part number	Description	Qty	Code	Group page
39	277-6901	ROTOR-RETARDER	1		
40	304-5104	STATOR-RETARDER	1		
41	287-3144	STUD (M12X1.75X165-MM)	8	CM	
42	095-0658	BOLT-SOCKET HEAD (M10X1.5X70-MM)	13	M	
43	172-9966	BOLT (M12X1.75X65-MM)	13	M	
44	183-3407	PLUG AS	1		
	9S-8004	PLUG (9/16-18-THD)	1		
	214-7568	SEAL-O-RING	1		
45	8T-4244	NUT (M12X1.75-THD)	8	CM	
46	8T-5092	BOLT (M12X1.75X150-MM)	5	CM	
47	6V-2317	BOLT (M8X1.25X30-MM)	2	M	

CAT codes: C, M, Y.

379-5450 HOUSING GP-TORQUE CONVERTER -RETARDER

379-5450 HOUSING GP-TORQUE CONVERTER -RETARDER S/N D9R304-344 PART OF 361-4013 TRANSMISSION AR-CORE

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	1B-6161	LOCK	1		
2	2P-8986	CUP-BEARING	1		
3	2P-8987	CONE-BEARING	1		
4	4H-6112	BREATHER (TORQUE CONVERTER)	1		

379-5450 HOUSING GP-TORQUE CONVERTER -RETARDER

(continued)

Ref.	Part number	Description	Qty	Code	Group page
5	4H-7859	LOCKNUT-BEARING	1		
6	5P-8245	WASHER-HARD (13.5X25.5X3-MM THK)	20		
7	5P-8347	BOLT (M8X1.25X70-MM)	2	M	
8	6V-3551	SEAL-O-RING	1		
9	6V-5684	BOLT (M12X1.75X45-MM)	7	M	
10	6V-5839	WASHER (11X21X2.5-MM THK)	14		
11	6V-5843	BOLT (M10X1.5X45-MM)	1	M	
12	6V-7421	CONE-SPECIAL TAPERED	2		
13	6V-7422	CUP-SPECIAL TAPERED	2		
14	7L-9061	SEAL-O-RING	2		
15	8H-7801	CONE-BEARING	1		
16	8H-7803	CUP-BEARING	1		
17	8T-4223	WASHER-HARD (13.5X25.5X3-MM THK)	13		
18	128-1663	RING-SEAL	2		
19	136-3378	SEAL-O-RING	1		
20	257-8660	BEARING-THRUST	1		
21	265-5834	MANIFOLD	1		
22	265-5840	GEAR (70-TEETH)	1		
23	274-4252	RING-RETAINING	1		
24	274-4254	RING-SEAL	1		
25	274-6111	RACE-BEARING	1		
26	274-9319	CARRIER AS-RING	1		
	1A-2223	DOWEL	1		
27	277-5830	SHIELD AS	1		
	8T-3612	NUT-WELD (M8X1.25-THD)	2	M	
28	277-6901	ROTOR-RETARDER	1		
29	287-3144	STUD (M12X1.75X165-MM)	8	M	
30	295-8261	GEAR (55-TEETH)	1		
31	304-5101	HOUSING AS	1		
	1A-2223	DOWEL	2		
	2H-1190	PIN-DOWEL	1		
	3H-0703	DOWEL	4		
32	304-5103	STATOR-RETARDER	1		
33	304-5104	STATOR-RETARDER	1		
34	338-0891	PLATE-INFORMATION (TRANSMISSION)	1		

379-5450 HOUSING GP-TORQUE CONVERTER -RETARDER

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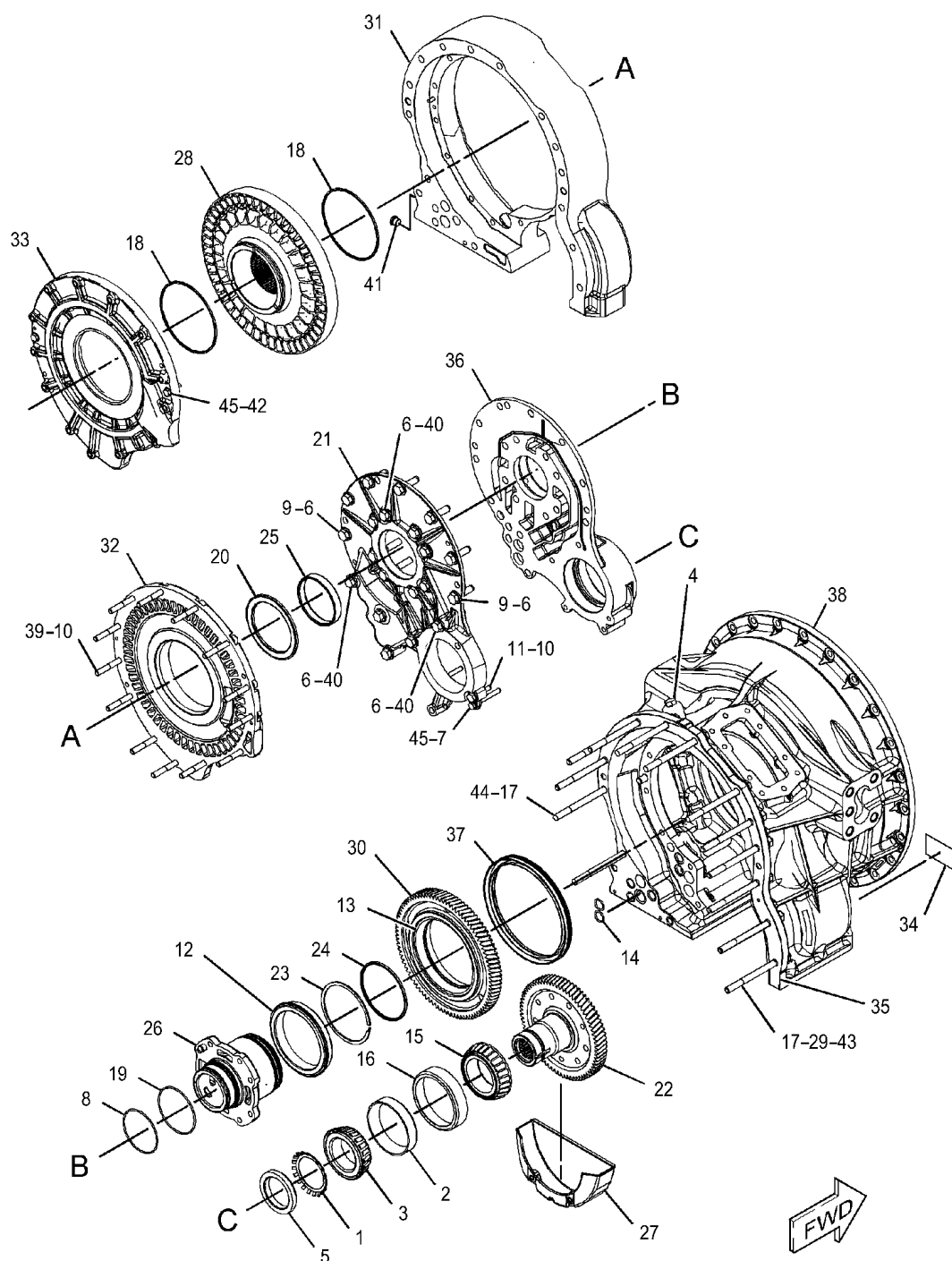
Ref.	Part number	Description	Qty	Code	Group page
35	339-5397	SEAL-INTEGRAL	1		
36	366-0683	MANIFOLD	1		
37	363-2112	SEAL-LIP TYPE	1		
38	378-1712	HOUSING AS-TORQUE CONVERTER	1		
	5M-7937	DOWEL	2		
	265-6991	INSERT-THREADED (M16X2-THD)	2	M	
	266-4188	INSERT-THREADED (M8X1.25-THD)	9	M	
39	095-0658	BOLT-SOCKET HEAD (M10X1.5X70-MM)	13	M	
40	172-9966	BOLT (M12X1.75X65-MM)	13	M	
41	183-3408	PLUG AS	1		
	214-7568	SEAL-O-RING	1		
	9S-8004	PLUG (9/16-18-THD)	1		
42	6V-2317	BOLT (M8X1.25X30-MM)	2	M	
43	8T-4244	NUT (M12X1.75-THD)	8	M	
44	8T-5092	BOLT (M12X1.75X150-MM)	5	M	
45	9M-1974	WASHER-HARD (8.8X16X2-MM THK)	4		

CAT codes: M.

418-7978 HOUSING GP-TORQUE CONVERTER -RETARDER

418-7978 HOUSING GP-TORQUE CONVERTER -RETARDER S/N S7H1-UP; D9R345-UP PART OF 361-4013
TRANSMISSION AR-CORE

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	1B-6161	LOCK	1		
2	2P-8986	CUP-BEARING	1		
3	2P-8987	CONE-BEARING	1		
4	4H-6112	BREATHER (TORQUE CONVERTER)	1		

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