

CATERPILLAR 657E

86Z / SEBP4104

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133-9907 ADAPTER GP-PUMP DRIVE

133-9907 ADAPTER GP-PUMP DRIVE S/N TXG1-UP; LHX1-UP PART OF 6I-3638 DRIVE GP-PUMP

Drawing 1 of 1

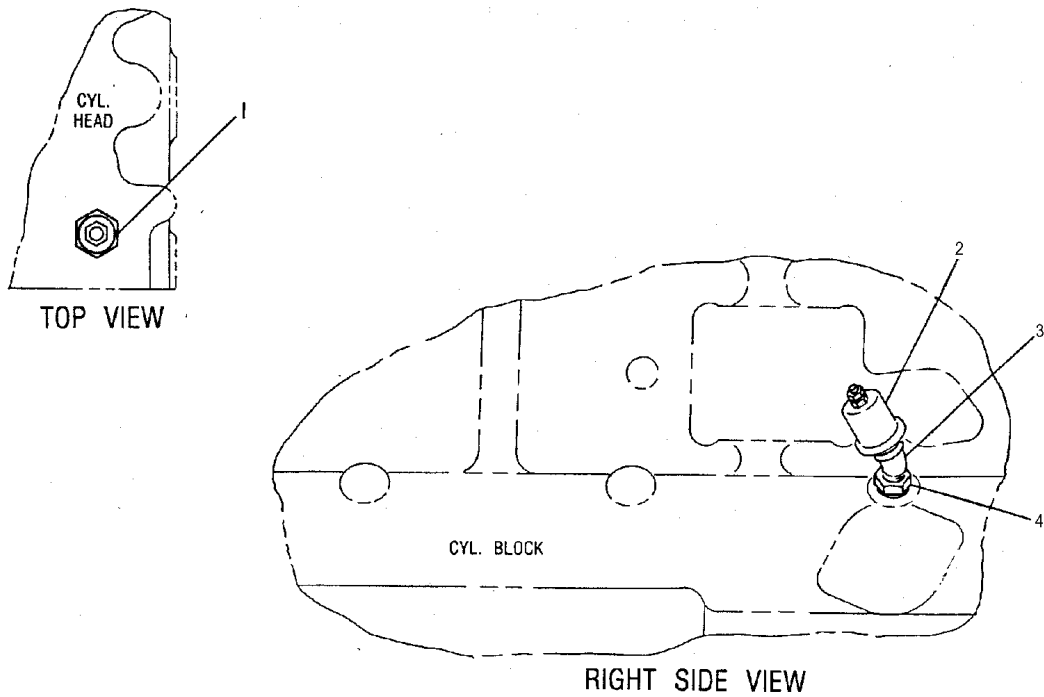


Ref.	Part number	Description	Qty	Code	Group page
1	1B-3867	BALL BEARING	2		
2	4F-7957	BOLT (1/4-20X0.875-IN)	3		
3	6I-4575	GEAR (34-TEETH)	1		
4	9X-2038	WASHER (7X19X2-MM THK)	3		
5	133-9906	ADAPTER	1		
6	1H-8647	RING-SNAP	1		

234-5005 BASE GP-VALVE COVER & INJ HARN

234-5005 BASE GP-VALVE COVER & INJ HARN S/N LHX1-3945

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	123-3202	STRAP-CABLE	3	B	
2	6V-0128	SEAL-CONNECTOR	1		
3	7E-6508	CAP AS	6		
4	9L-8925	BOLT (5/16-18X1.25-IN)	14		
5	122-1472	BOLT (5/16-18X2.36-IN)	1		
6	177-4152	BASE-VALVE MECHANISM COVER	1		
7	234-5002	HARNESS AS-ENGINE (INJECTOR, VARIABLE VALVE)	1		
	102-8801	KIT-RECEPTACLE (12-PIN)	1		
(INCLUDES RECEPTACLE AS & WEDGE)					
	103-8134	KIT-RECEPTACLE (12-PIN)	1		
(INCLUDES RECEPTACLE AS & WEDGE)					
	3S-2093	STRAP-CABLE	6		
	119-3662	TUBE-HEAT SHRINK (10.85-MM DIA)(13-CM)		E	
	125-7875	TUBE-HEAT SHRINK (7.44-MM DIA)(15-CM)		E	
	9X-3401	PIN-CONNECTOR (16-GA TO 18-GA)	12		

234-5005 BASE GP-VALVE COVER & INJ HARN (continued)

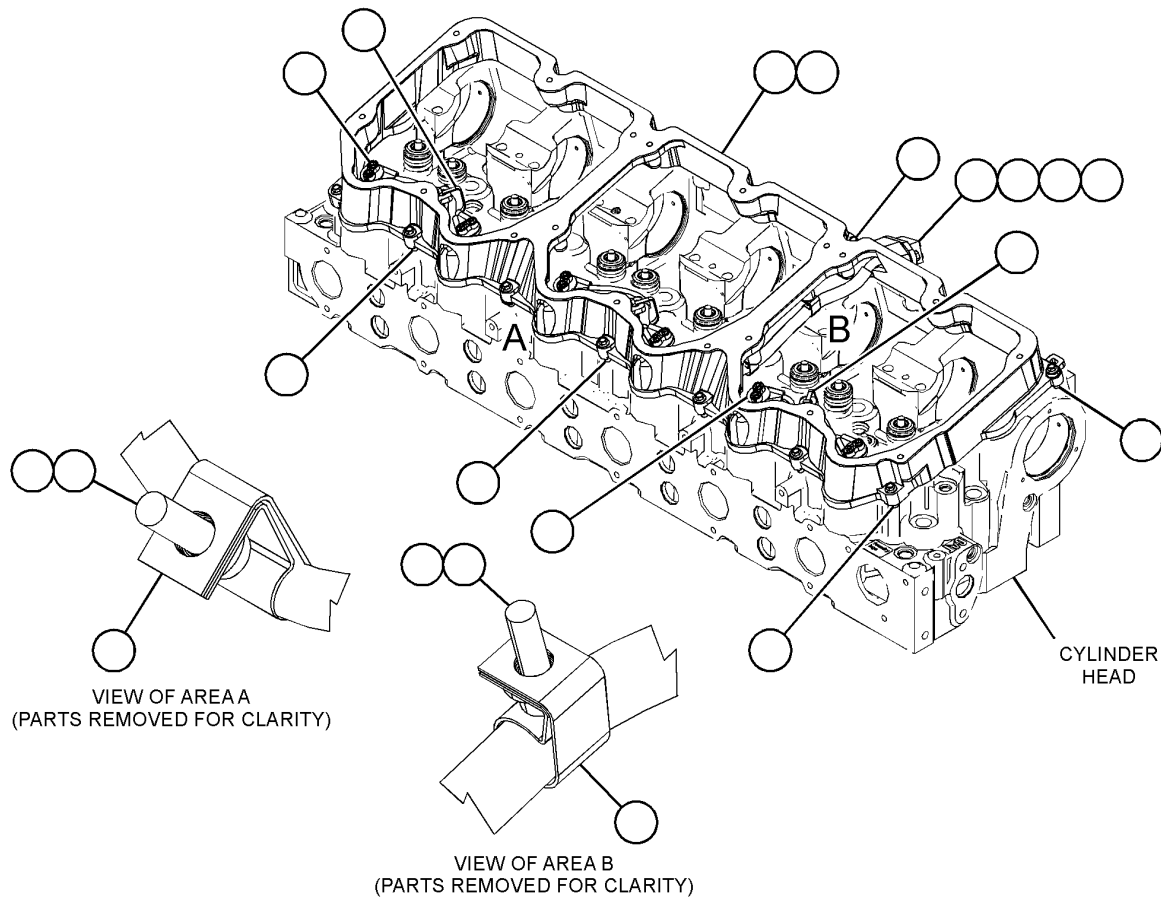
Ref.	Part number	Description	Qty.	Code	Group page
OR alternate consist option CAT source: -OR-					
	126-1767	PIN-CONNECTOR (14-GA TO 16-GA)	12		
8	100-5218	CLIP	3		
9	100-5219	CLIP	3		
10	4F-7957	BOLT (1/4-20X0.875-IN)	2		
11	5P-0537	WASHER-HARD (7.2X14.5X2-MM THK)	8		
12	8H-3127	BOLT (1/4-20X0.75-IN)	6		
13	5P-5678	SEAL (3-M)		D	

CAT codes: B, D, E.

278-5662 BASE GP-VALVE COVER & INJ HARN

278-5662 BASE GP-VALVE COVER & INJ HARN S/N LHX3946-14391

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	6V-0128	SEAL-CONNECTOR	1		
2	7E-6508	CAP AS	6		
3	9L-8925	BOLT (5/16-18X1.25-IN)	14		
4	122-1472	BOLT (5/16-18X2.36-IN)	1		
5	123-3202	STRAP-CABLE	3		
6	177-4152	BASE-VALVE MECHANISM COVER	1		
7	278-5657	HARNESS AS-ENGINE (UNIT INJECTOR)	1		
	9X-3401	PIN-CONNECTOR (16-GA TO 18-GA)	9		
OR alternate consist option CAT source: -OR-					
	126-1767	PIN-CONNECTOR (14-GA TO 16-GA)	9		
	8T-8737	PLUG-SEAL	3		
	102-8801	KIT-RECEPTACLE (12-PIN)	1		
	103-8134	KIT-RECEPTACLE (12-PIN)	1		
(EACH RECEPTACLE KIT INCLUDES RECEPTACLE AS & WEDGE)					
	125-7874	TUBE-HEAT SHRINK (5.72-MM DIA)(15-CM)		E	

278-5662 BASE GP-VALVE COVER & INJ HARN (continued)

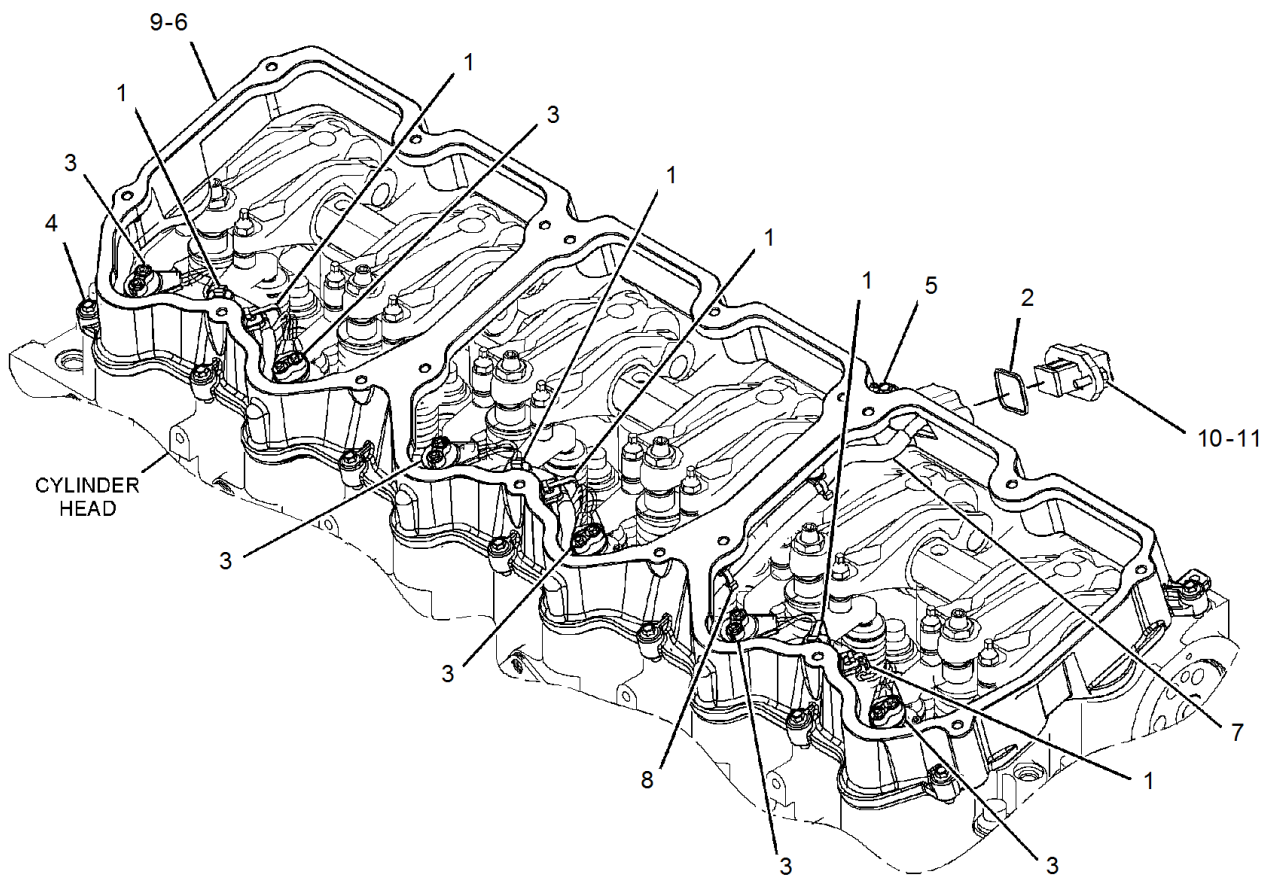
Ref.	Part number	Description	Qty	Code	Group page
8	100-5218	CLIP	3		
9	100-5219	CLIP	3		
10	4F-7957	BOLT (1/4-20X0.875-IN)	2		
11	5P-0537	WASHER-HARD (7.2X14.5X2-MM THK)	8		
12	6V-3260	BOLT-SOCKET HEAD (1/4-20X0.75-IN)	6		
13	5P-5678	SEAL (2.9-M)		D	

CAT codes: D, E.

278-5662 BASE GP-VALVE COVER & INJ HARN

278-5662 BASE GP-VALVE COVER & INJ HARN S/N TXG1-UP; LHX14392-UP

Drawing 1 of 1



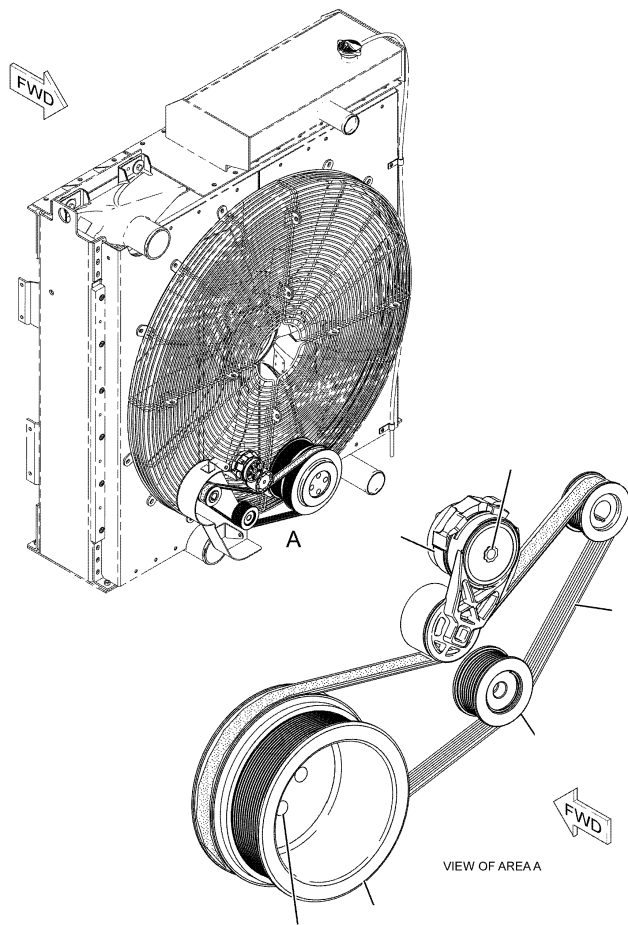
Ref.	Part number	Description	Qty	Code	Group page
1	123-3202	STRAP-CABLE	6		
2	6V-0128	SEAL-CONNECTOR	1		
3	7E-6508	CAP AS	6		
4	9L-8925	BOLT (5/16-18X1.25-IN)	14		
5	122-1472	BOLT (5/16-18X2.36-IN)	1		
6	419-3614	BASE-VALVE COVER	1	C	
7	425-0289	HARNESS AS-WIRING	1	Y	
8	326-4512	MOUNTING-CABLE TIE	6		
9	272-0390	SEAL	1	C	
10	4F-7957	BOLT (1/4-20X0.875-IN)	2		
11	5P-0537	WASHER-HARD (7.2X14.5X2-MM THK)	2		

CAT codes: C, Y.

226-7715 BELT TENSIONER GP

226-7715 BELT TENSIONER GP S/N LHX10357-UP PART OF 228-8643 ALTERNATOR GP-CHARGING

Drawing 1 of 1



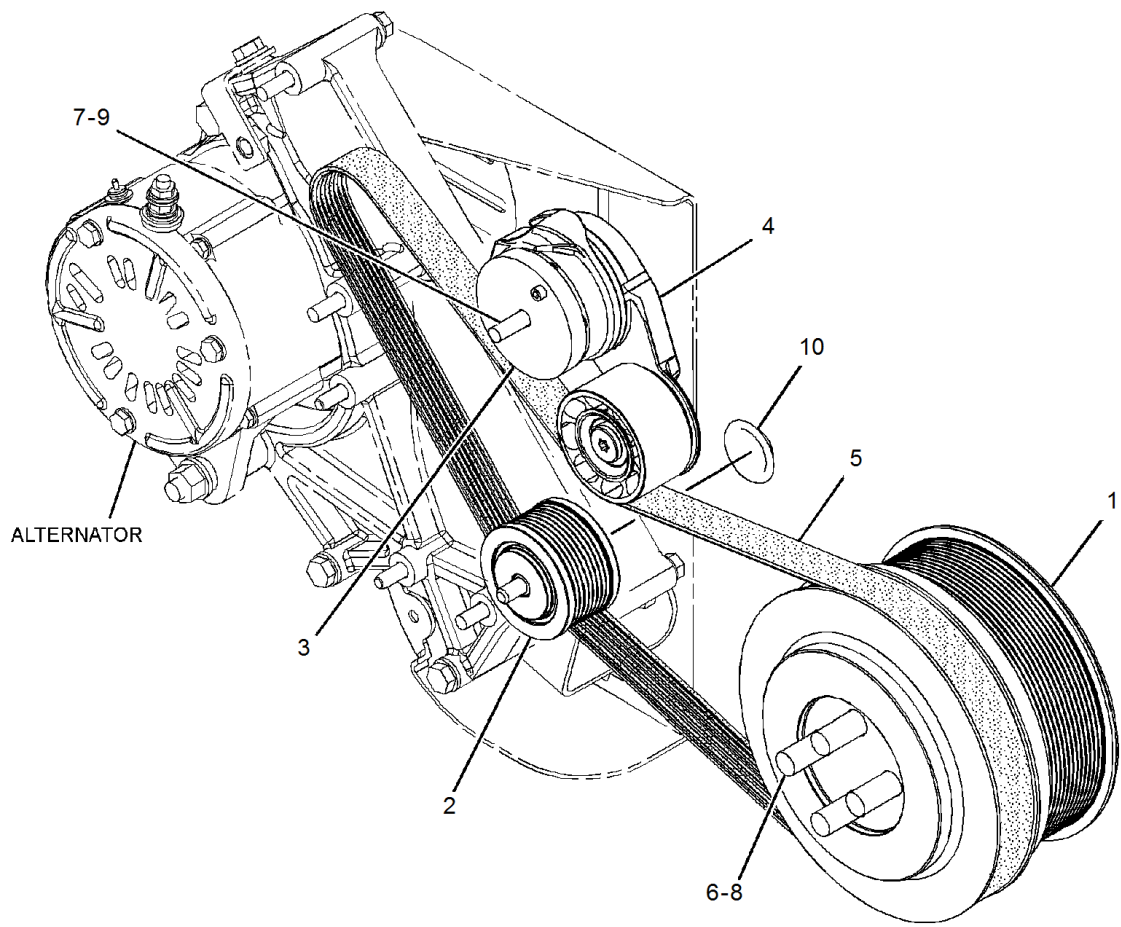
Ref.	Part number	Description	Qty	Code	Group page
1	279-2589	PULLEY AS-IDLER (8-GROOVE)	1		
2	190-0642	BELT TENSIONER	1		
3	330-0661	BELT-SERPENTINE	1		
4	228-8935	PULLEY-CRANKSHAFT (8-GROOVE)	1		
5	7X-0347	BOLT (5/8-11X2.25-IN)	4		
6	8T-4121	WASHER-HARD (11X21X2.5-MM THK)	1		
7	8T-4122	WASHER-HARD (17X32X3.5-MM THK)	4		
8	8T-4178	BOLT (M10X1.5X90-MM)	1	M	

CAT codes: M.

226-7715 BELT TENSIONER GP

226-7715 BELT TENSIONER GP S/N TXG1-UP PART OF 228-8643 ALTERNATOR GP-CHARGING

Drawing 1 of 1



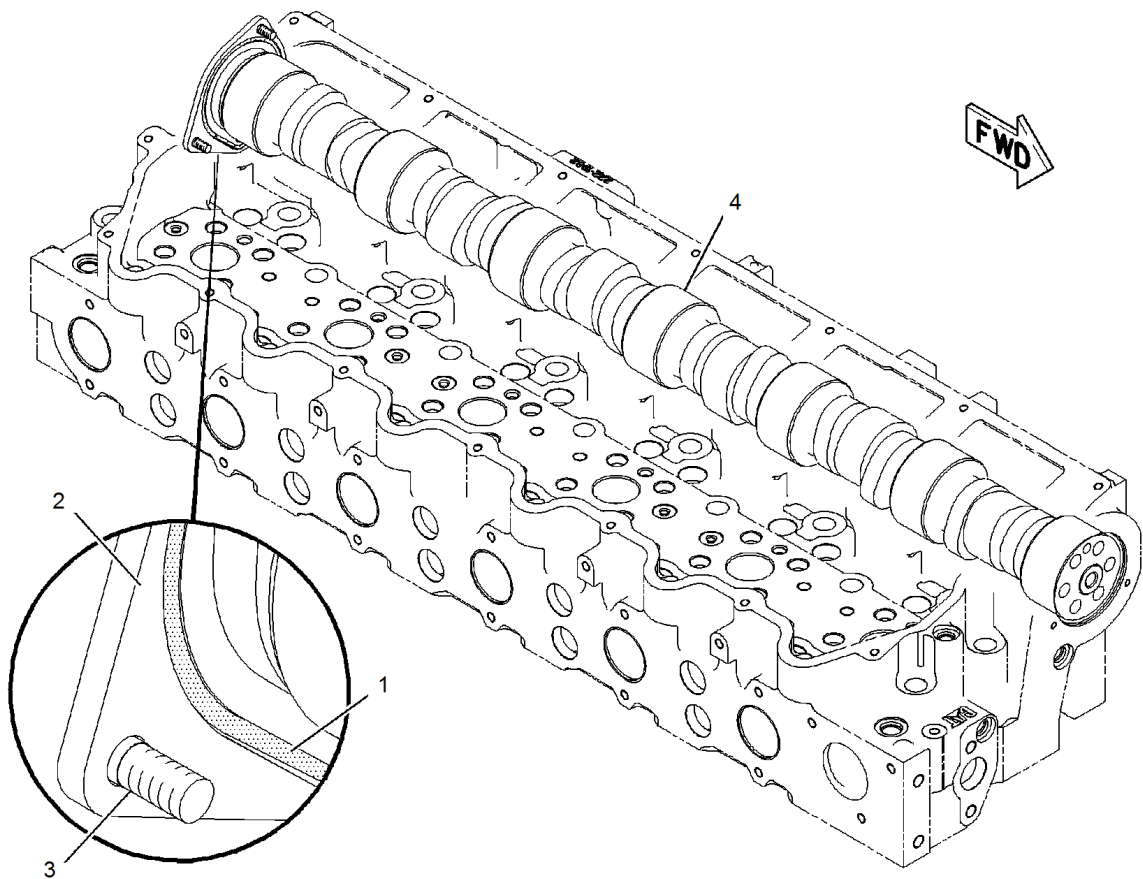
Ref.	Part number	Description	Qty	Code	Group page
1	228-8935	PULLEY-CRANKSHAFT (8-GROOVE)	1		
2	279-2589	PULLEY AS-IDLER (8-GROOVE)	1		
3	300-0056	PLATE AS	1		
4	329-8797	BELT TENSIONER	1		
5	330-0661	BELT-SERPENTINE	1		
6	7X-0347	BOLT (5/8-11X2.25-IN)	4		
7	8T-4121	WASHER-HARD (11X21X2.5-MM THK)	1		
8	8T-4122	WASHER-HARD (17X32X3.5-MM THK)	4		
9	8T-4178	BOLT (M10X1.5X90-MM)	1	M	
10	243-2310	COVER	1		

CAT codes: M.

234-7935 CAMSHAFT GP

234-7935 CAMSHAFT GP S/N TXG1-UP; LHX1-UP

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	6V-1197	SEAL-O-RING	1		
2	102-9089	COVER	1		
3	119-0036	SCREW-FLAT HEAD (5/16-18X0.875-IN)	3		
4	332-7298	CAMSHAFT	1		

CAT codes: R.

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