

CATERPILLAR 287B

ZSA / SEBP3930

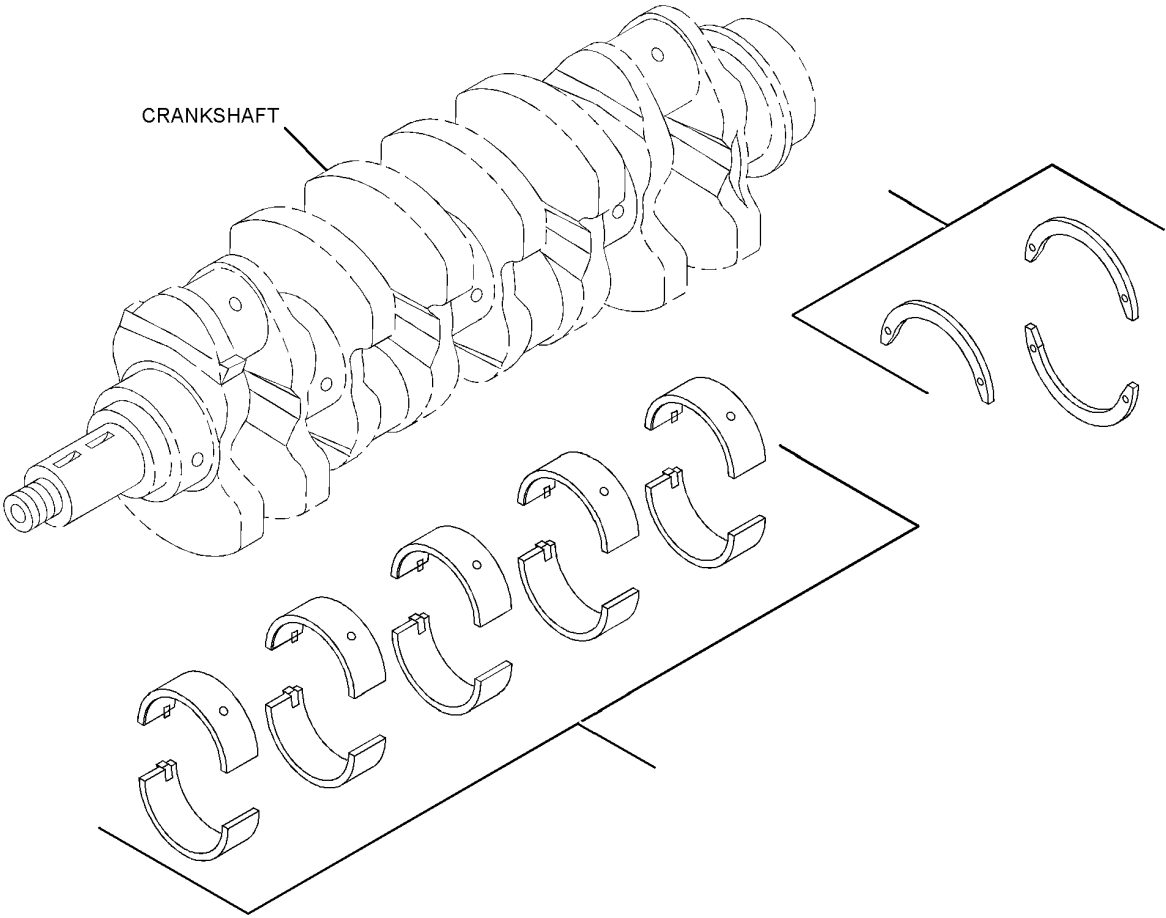
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292-4041 BEARING GP-MAIN

292-4041 BEARING GP-MAIN S/N CJS1-UP PART OF 179-1853, 179-1854 ENGINE AR-PRIMARY AN ATTACHMENT

Drawing 1 of 1



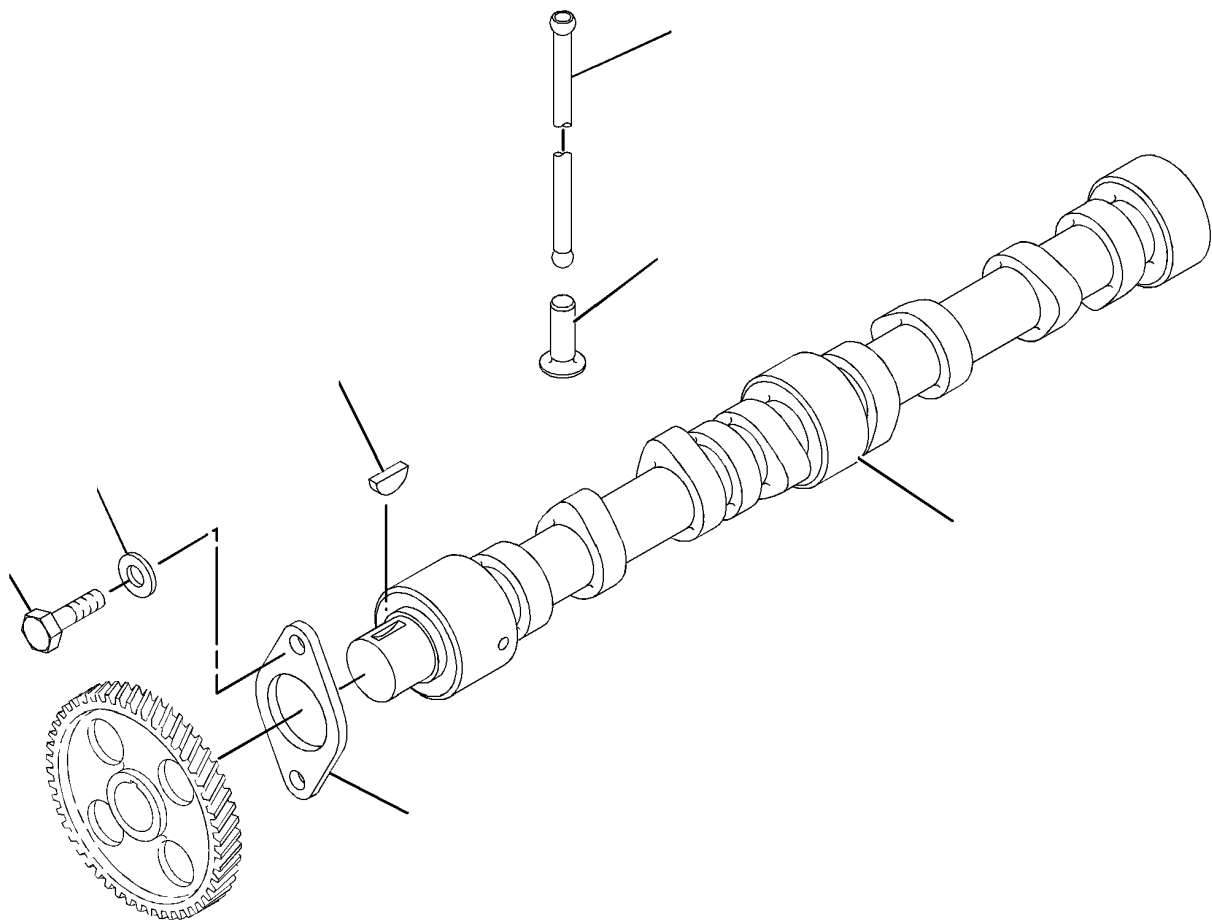
Ref.	Part number	Description	Qty	Code	Group page
1	103-9288	PLATE-THRUST (STANDARD)	3		
	103-9289	PLATE-THRUST (0.15-MM OS)		AB	
	103-9290	PLATE-THRUST (0.35-MM OS)		AB	
2	233-5486	BEARING-MAIN (STANDARD)	1		
	294-4890	KIT-BEARING (0.25-MM US)		AB	
	294-4891	KIT-BEARING (0.5-MM US)		AB	
	294-4892	KIT-BEARING (0.75-MM US)		AB	

CAT codes: A, B.

233-5473 CAMSHAFT GP

233-5473 CAMSHAFT GP S/N CJS1-UP PART OF 179-1853, 179-1854 ENGINE AR-PRIMARY AN ATTACHMENT

Drawing 1 of 1



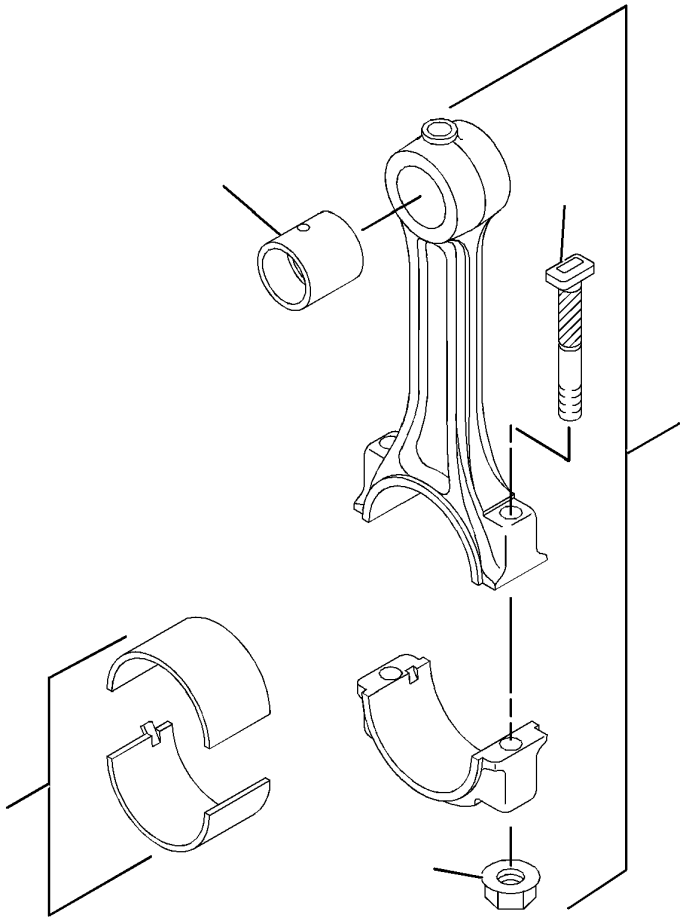
Ref.	Part number	Description	Qty	Code	Group page
1	6V-5215	BOLT (M8X1.25X16-MM)	2	M	
2	9M-1974	WASHER-HARD (8.8X16X2-MM THK)	2		
3	094-4628	KEY	1		
4	103-9272	TAPPET	8		
5	233-5479	CAMSHAFT	1		
6	233-5485	PLATE-THRUST	1		
7	103-9273	PUSHROD	8		

CAT codes: M, R.

287-4033 CONNECTING ROD GP

287-4033 CONNECTING ROD GP S/N CJS1-UP PART OF 179-1853, 179-1854 ENGINE AR-PRIMARY AN ATTACHMENT

Drawing 1 of 1



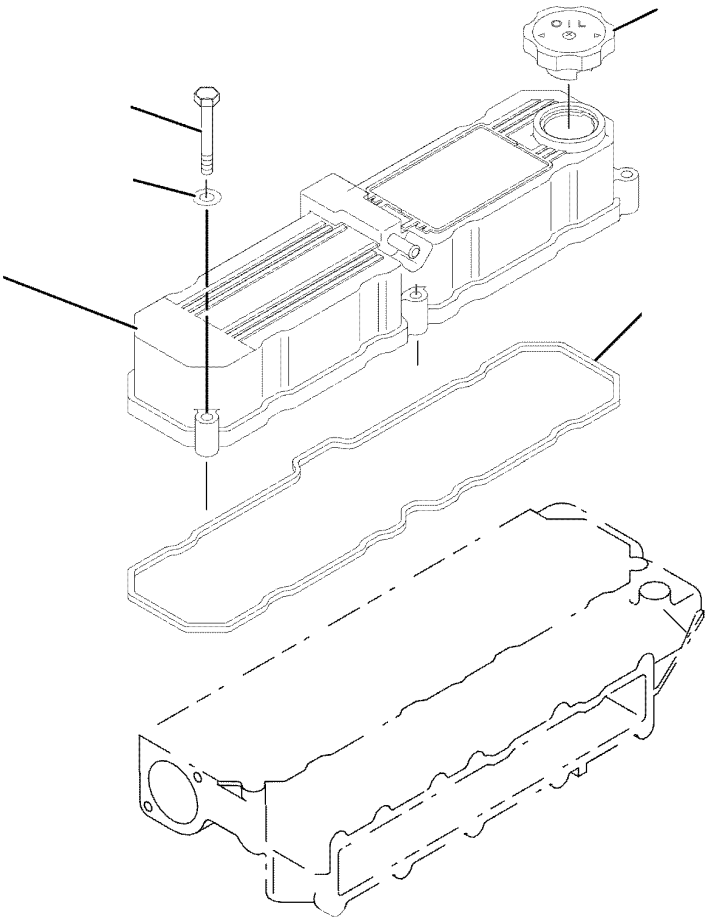
Ref.	Part number	Description	Qty	Code	Group page
1	103-9680	ROD AS-CONNECTING	4		
(EACH INCLUDES)					
1A	128-2955	BOLT-CONNECTING ROD	2		
1B	128-2956	NUT	2		
1C	128-2958	BUSHING	1		
2	238-8282	SET-BEARING (STANDARD)	1		
(INCLUDES A COMPLETE SET OF ROD BEARINGS)					
	238-8283	SET-BEARING (0.25-MM US)		AB	
	238-8284	SET-BEARING (0.5-MM US)		AB	
	238-8285	SET-BEARING (0.75-MM US)		AB	

CAT codes: A, B.

233-5480 COVER GP-VALVE MECHANISM

233-5480 COVER GP-VALVE MECHANISM S/N CJS1-UP PART OF 179-1853, 179-1854 ENGINE AR-PRIMARY AN ATTACHMENT

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	8T-4197	BOLT (M8X1.25X40-MM)	5	M	
2	9M-1974	WASHER-HARD (8.8X16X2-MM THK)	5		
3	310-8798	CAP-OIL FILLER (ENGINE)	1		
4	233-5483	GASKET (VALVE COVER)	1		
5	348-7675	COVER AS	1		

CAT codes: M.

234-4793 CRANKSHAFT GP S/N CJS1-UP PART OF 179-1853, 179-1854 ENGINE AR-PRIMARY AN ATTACHMENT

This exploded view diagram illustrates the assembly of a mechanical component, likely a pump or motor. The main assembly consists of a central shaft with a series of curved, overlapping blades or vanes. The shaft is secured by a large nut and washer at the rear. A small gear or pinion is mounted on the front of the shaft. The exploded view shows the following components and their assembly sequence:

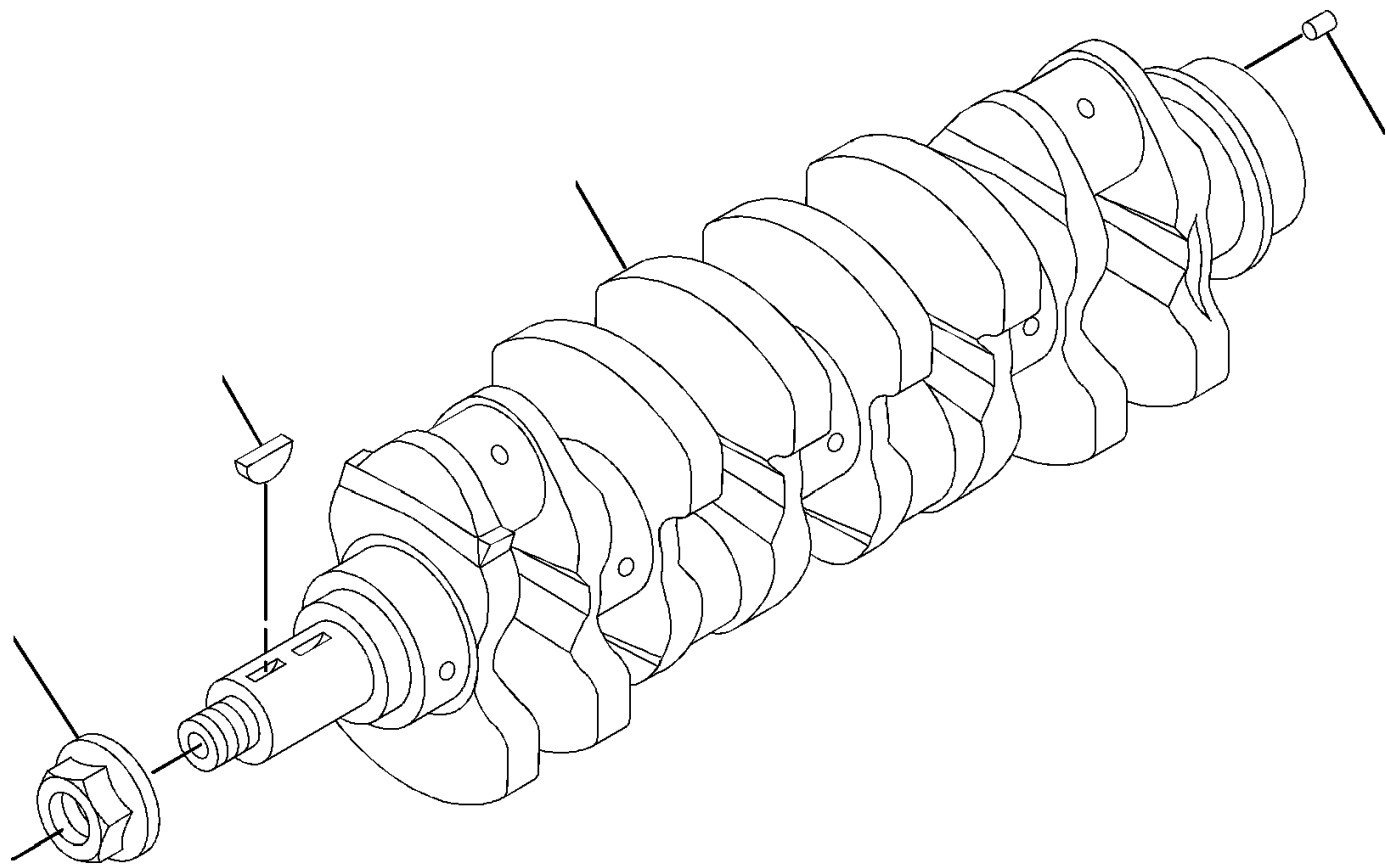
1. A small pin or screw at the rear of the assembly.
2. A small washer or spacer at the rear.
3. A large nut at the rear.
4. A large washer or spacer at the rear.
5. A small pin or screw at the front of the assembly.
6. A small gear or pinion mounted on the front of the shaft.
7. A small washer or spacer at the front.
8. A small pin or screw at the front.
9. A small washer or spacer at the front.
10. A small pin or screw at the front.

Ref.	Part number	Description	Qty	Code	Group page
1	249-7352	CRANKSHAFT AS	1		
1A	085-9513	PIN	2		
1B	094-4628	KEY	2		
1C	130-7596	NUT	1		

287-4649 CRANKSHAFT GP

287-4649 CRANKSHAFT GP S/N CJS1-UP PART OF 179-1853, 179-1854 ENGINE AR-PRIMARY AN ATTACHMENT

Drawing 1 of 1



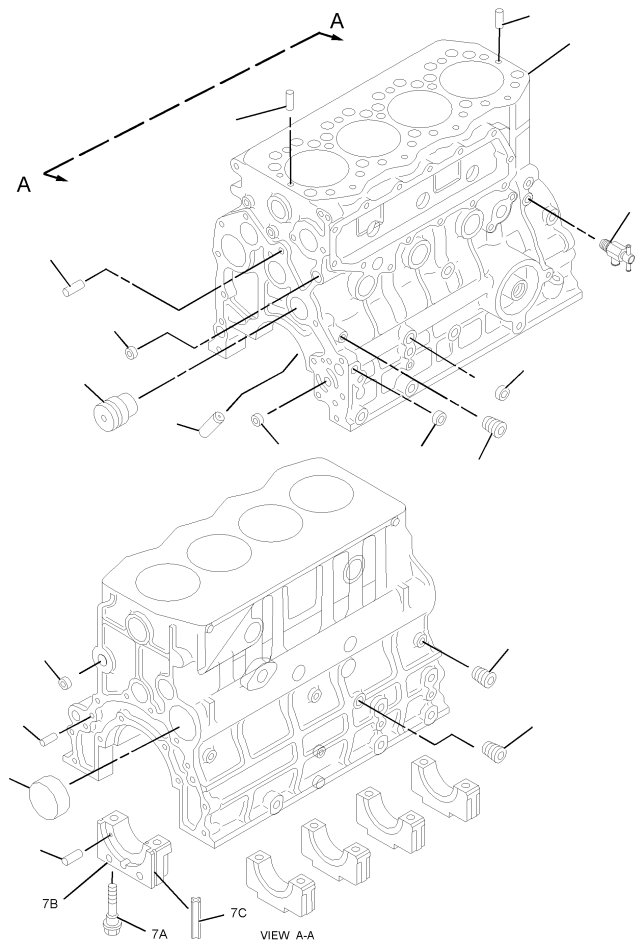
Ref.	Part number	Description	Qty	Code	Group page
1	234-4794	CRANKSHAFT AS	1		
1A	085-9513	PIN	2		
1B	094-4628	KEY	2		
1C	130-7596	NUT	1		

CAT codes: R.

235-5883 CYLINDER BLOCK GP

235-5883 CYLINDER BLOCK GP S/N CJS1-UP PART OF 179-1853, 179-1854 ENGINE AR-PRIMARY Type 1 AN ATTACHMENT

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	5I-7505	PLUG	5		
2	096-3741	CAP	6		
3	099-4420	PIN	2		
4	183-5916	PIN-SPRING	6		
5	195-8211	PLUG	1		
6	199-2139	PIN	2		
7	233-5456	CYLINDER BLOCK GP	1		
7A	103-9276	BOLT	10		
7B	199-2129	CAP	10		
7C	103-9279	SEAL-SIDE	2		
8	5I-7525	PLUG	1		
9	103-9703	SHAFT-IDLER	1		
10	233-5488	PIN	2		

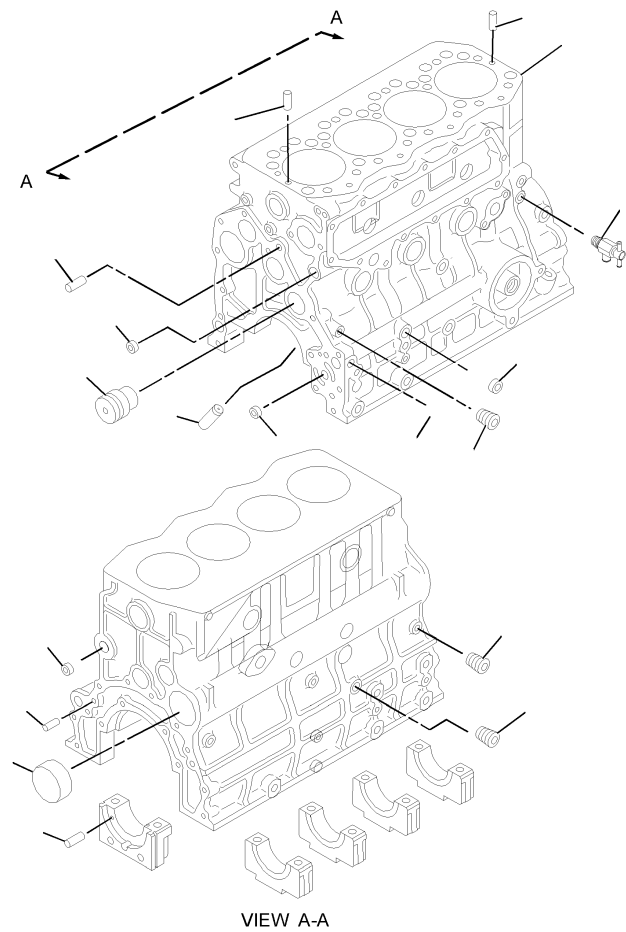
235-5883 CYLINDER BLOCK GP (continued)

Ref.	Part number	Description	Qty	Code	Group page
11	103-9062	BUSHING	1		
12	233-5457	ORIFICE-JET (OIL PISTON COOLING)	4		
13	238-8278	VALVE AS-DRAIN (ENGINE COOLANT)	1		

235-5883 CYLINDER BLOCK GP

235-5883 CYLINDER BLOCK GP S/N CJS1-UP PART OF 179-1853, 179-1854 ENGINE AR-PRIMARY Type 2 AN ATTACHMENT

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	5I-7505	PLUG	5		
2	096-3741	CAP	6		
3	099-4420	PIN	2		
4	183-5916	PIN-SPRING	6		
5	195-8211	PLUG	1		
6	104-1218	DOWEL	2		
7	327-7701	CRANKCASE AS	1	C	
8	5I-7525	PLUG	1		
9	103-9703	SHAFT-IDLER	1		
10	233-5488	PIN	2		
11	103-9062	BUSHING	1		
12	233-5457	ORIFICE-JET (OIL PISTON COOLING)	4		
13	238-8278	VALVE AS-DRAIN (ENGINE COOLANT)	1		

CAT codes: C.

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