

CATERPILLAR D379B

34Z / SEBP5322

Contents

Section	Page
Cooling system	2
Basic engine	5

6V-3743 KIT-GASKET -WATER PUMP

6V-3743 KIT-GASKET -WATER PUMP S/N 35B1-UP; 67B1-UP; 68B1-UP; 69B1-UP; 72B1-UP; 34Z1-UP; 35Z1-UP; 36Z1-UP FIELD INSTALLATION

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

Ref.	Part number	Description	Qty	Code	Group page
	4L-3437	GASKET	1		
	4L-5832	GASKET	1		
	4L-6706	GASKET	10		
	4L-7885	GASKET	1		
	4L-8121	GASKET	1		
	4L-9965	GASKET	1		
	5B-3265	GASKET (COPPER)	1		
	8L-5197	GASKET	1		
	247-3796	GASKET	1		
	7F-7510	LOCKNUT	5		
	8N-0452	RING-RETAINING	1		
	2N-8866	SEAL	2		
	5P-4941	SEAL	2		
	416-0603	SEAL GP (WATER PUMP)	1		
	2N-2560	SEAL-LIP TYPE	1		
	1H-8278	SEAL-O-RING	1		
	3P-0650	SEAL-O-RING	1		
	8J-6775	SEAL-THREAD	8		

351-1737 KIT-MAINTENANCE

351-1737 KIT-MAINTENANCE S/N 68B1-UP; 72B1-UP; 34Z1-UP FOR USE WITH BASIC PREVENTATIVE MAINTENANCE FOR WEEK 12, 24, AND 48 ON THE 3408 GAS GENERATOR SET, 68B1-UP, 72B1-UP, AND 34Z1-UP FIELD INSTALLATION

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

Ref.	Part number	Description	Qty	Code	Group page
	1R-1808	FILTER-ENGINE OIL (ADVANCED EFFICIENCY)	1		
	2N-2839	PLUG AS-SPARK	8		
(EACH INCLUDES)					
	108-3515	GASKET-PLUG	1		

351-1742 KIT-MAINTENANCE

351-1742 KIT-MAINTENANCE S/N 68B1-UP; 72B1-UP; 34Z1-UP FOR USE WITH 2ND LEVEL PREVENTATIVE MAINTENANCE FOR WEEK 24 AND 48 ON THE 3408 GAS GENERATOR SET, 68B1-UP, 72B1-UP, AND 34Z1-UP FIELD INSTALLATION

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

Ref.	Part number	Description	Qty	Code	Group
	2N-3584	GASKET-HOUSING COVER	1		page
	8F-4994	SEAL-O-RING	8		
	2N-3597	SEAL-VALVE COVER	4		

324-8858 KIT-ENGINE OVERHAUL

324-8858 KIT-ENGINE OVERHAUL S/N 68B1-UP; 69B1-UP; 34Z1-UP PART OF 324-8859 KIT-ENGINE OVERHAUL FOR USE WITH 3N-1129 ENGINE AR, 3N-1130 ENGINE AR, 5N-7276 ENGINE AR FIELD INSTALLATION

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

Ref.	Part number	Description	Qty	Code	Group page
	6B-6224	FERRULE	32		
	7B-2420	FERRULE	24		
	2A-3278	GASKET	2		
	3N-8654	GASKET	1		
	4F-9785	GASKET	1		
	4H-5952	GASKET	8		
	4L-8132	GASKET	1		
	4L-8606	GASKET	2		
	4L-8651	GASKET	2		
	7F-7889	GASKET	1		
	8B-3410	GASKET	1		
	8L-9757	GASKET	2		
	1P-8005	GASKET-CHAMBER	8		
	4L-8766	GASKET-COVER	1		
	2N-3236	GASKET-EXHAUST MANIFOLD	8		
	4L-7631	GASKET-FUEL PUMP HOUSING	1		
	6V-5463	KIT-GASKET	1		
	0T-0329	LOCKNUT	8		
	1F-3131	GASKET	3		
	1F-4419	GASKET-COVER	4		
	1F-9223	GASKET-COVER	4		
	2A-4462	SCREW-LOCK	2		
	3F-4550	LOCKNUT	8		
	3N-0944	GASKET	1		
	3N-9075	GASKET	1		
	3P-0648	SEAL-O-RING	2		
	3P-0650	SEAL-O-RING	2		
	3P-0656	SEAL-O-RING	1		
	4L-7586	GASKET-SUPPORT	1		
	4L-8175	GASKET-COVER	1		
	4L-8176	GASKET	1		
	5B-6031	GASKET	2		
	7B-9457	LOCK	2		

324-8858 KIT-ENGINE OVERHAUL (continued)

Ref.	Part number	Description	Qty	Code	Group page
	7L-3111	GASKET	2		
	8F-8682	SCREW-LOCK	3		
	8L-5457	GASKET-PAN BASE	1		
	8M-8509	LOCKNUT	1		
	9M-1367	LOCK-BOLT	8		
	6V-3735	KIT-MANIFOLD GASKET	1		
	4L-7890	GASKET	4		
	4L-8097	GASKET	8		
	6L-7817	SEAL-O-RING	16		
	7H-2783	GASKET	8		
	7L-2149	GASKET-EXHAUST MANIFOLD	16		
	7L-6005	GASKET	1		
	9M-4217	SEAL-O-RING	2		
	6V-5462	KIT-VALVE GRINDING GASKET	1		
	1S-4810	GASKET-OIL DRAIN	2		
	1S-6595	GASKET-OIL SUPPLY	2		
	2N-3553	SEAL	5		
	2N-3597	SEAL-VALVE COVER	4		
	3H-3451	LOCKNUT	2		
	3N-3220	GASKET	4		
	3P-0647	SEAL-O-RING	4		
	4H-2494	SLEEVE-FITTING	4		
	5B-3718	SEAL-O-RING	8		
	6F-1069	SEAL AS-VALVE	8		
	6H-4209	SCREW-LOCK	4		
	6L-4497	GASKET	4		
	6L-6580	GASKET	4		
	6L-7813	SEAL-FERRULE	32		
	6L-7814	SEAL-DIRECTOR	24		
	8F-4994	SEAL-O-RING	8		
	8F-9206	SEAL-O-RING	16		
	9H-6067	SEAL-O-RING	2		
	3P-0649	SEAL-O-RING	1		
	6L-1650	SEAL-O-RING	6		

324-8858 KIT-ENGINE OVERHAUL (continued)

Ref.	Part number	Description	Qty	Code	Group page
	6L-1651	SEAL-O-RING	12		
	6L-7816	SEAL-O-RING	8		
	2F-2005	SEAL-RING	1		

324-8859 KIT-ENGINE OVERHAUL

324-8859 KIT-ENGINE OVERHAUL S/N 68B1-UP; 69B1-UP; 34Z1-UP ENGINE OVERHAUL KIT FOR THE D379 ENGINE (6.25 BORE), USED WITH 3N-1129, 3N-1130, 5N-7276, 8L-3929, 68B1-UP, 69B1-UP, AND 34Z1-UP PART OF 350-9210 PARTS GP-ENGINE OVERHAUL FIELD INSTALLATION

Arrangement composition. Follow the table links to the component drawings.

Ref.	Part number	Description	Qty	Code	Group page
	324-8858	KIT-ENGINE OVERHAUL	1	Y	5
	8N-7769	BEARING-CONNECTING ROD	8		
	8N-7764	BEARING-MAIN	5		
	8N-2275	BUSHING	8		
	2N-9298	GUIDE-VALVE (STANDARD)	8		
	7C-3720	GUIDE-VALVE (0.13-MM OS)		AB	
	7C-5327	GUIDE-VALVE (0.51-MM OS)		AB	
	2N-9299	GUIDE-VALVE (EXHAUST, STANDARD)	8		
	7C-3721	GUIDE-VALVE (0.13-MM OS)(EXHAUST)		AB	
	7C-5328	GUIDE-VALVE (0.51-MM OS)(EXHAUST)		AB	
	8M-4014	INSERT (EXHAUST, STANDARD)	8		
	4S-8906	INSERT (0.13-MM OS)(EXHAUST)		AB	
	4S-8907	INSERT (0.25-MM OS)(EXHAUST)		AB	
	7C-5379	INSERT-SEAT (0.51-MM OS)(EXHAUST)		AB	
	7C-5380	INSERT-SEAT (0.76-MM OS)(EXHAUST)		AB	
	5S-1757	INSERT (INLET)(STANDARD)	8		
	4S-8908	INSERT (0.13-MM OS, INLET)		AB	
	4S-8909	INSERT (0.25-MM OS, INLET)		AB	
	7C-5377	INSERT (0.51-MM OS, INLET)		AB	
	7C-5378	INSERT (0.76-MM OS, INLET)		AB	
	7N-4515	BODY AS-PISTON	8		
	5P-8970	KIT-LINER GASKET	8		
(EACH INCLUDES)					
	6L-7815	SEAL-O-RING	3		
	8N-4708	BAND-FILLER	1		
	8N-9174	LINER-CYLINDER BLOCK	8		
	2A-4429	LOCK-RETAINER	32		
	7N-9810	PIN-PISTON	8		
	4L-4653	PLATE-THRUST	2		
	1W-3062	RETAINER AS	8		
(EACH INCLUDES)					
	1W-3063	RETAINER	1		

324-8859 KIT-ENGINE OVERHAUL (continued)

Ref.	Part number	Description	Qty	Code	Group page
	8N-7780	SHIELD-OIL	1		
	7M-4926	RETAINER-PIN	16		
	2N-9297	RETAINER-VALVE SPRING	8		
	1W-5105	RING GP-PISTON	8		
(EACH INCLUDES)					
	1W-5061	RING-PISTON (OIL)	1		
	3S-4059	RING-PISTON (INTERMEDIATE)	1		
	9S-7507	RING-PISTON (TOP)	1		
	7N-7639	ROTATOR-VALVE	16		
	3N-1414	SPACER (0.804X1.25X0.494-IN THK)	16		
	9M-5349	SPRING (INNER)	16		
	9M-5350	SPRING (OUTER)	16		
	1W-1822	VALVE-EXHAUST	8		
	1W-8606	VALVE-INLET	8		

CAT codes: A, B, R, Y.

MANUALS-KOMATSU.COM

Complete Caterpillar PDF Parts Catalogue

34Z-SEBP5322

\$99

Buy on this catalogue page in our store.

Download instructions are sent after payment confirmation.

Buy complete PDF - \$99