

CATERPILLAR D399

35B / SEBP5322

Contents

Section	Page
Lubrication system	2
Basic engine	3

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		

6V-3750 KIT-CYLINDER HEAD GASKET

6V-3750 KIT-CYLINDER HEAD GASKET S/N 35B1-UP; 91B1-UP; 36Z1-UP PART OF 324-8854 KIT-ENGINE OVERHAUL FIELD INSTALLATION

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

Ref.	Part number	Description	Qty	Code	Group page
	3N-1238	GASKET	1		
	3N-3220	GASKET	8		
	6L-4497	GASKET	8		
	1S-4810	GASKET-OIL DRAIN	2		
	1S-6595	GASKET-OIL SUPPLY	2		
	3H-3451	LOCKNUT	2		
	6F-1069	SEAL AS-VALVE	16		
	6L-7814	SEAL-DIRECTOR	48		
	6L-7813	SEAL-FERRULE	64		
	3P-0647	SEAL-O-RING	8		
	5B-3718	SEAL-O-RING	16		
	8F-4994	SEAL-O-RING	16		
	8F-9206	SEAL-O-RING	32		
	9H-6067	SEAL-O-RING	2		
	2N-3597	SEAL-VALVE COVER	8		
	4H-2494	SLEEVE-FITTING	8		

324-8854 KIT-ENGINE OVERHAUL

324-8854 KIT-ENGINE OVERHAUL S/N 35B1-UP; 91B1-UP; 36Z1-UP PART OF 324-8855 KIT-ENGINE OVERHAUL FOR USE WITH 3N-1189 ENGINE AR, 3N-1198 ENGINE AR, 5N-7278 ENGINE AR FIELD INSTALLATION

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

Ref.	Part number	Description	Qty	Code	Group page
	6V-3750	KIT-CYLINDER HEAD GASKET	1	Y	3
	6B-6224	FERRULE	64		
	7B-2420	FERRULE	48		
	2A-3278	GASKET	2		
	3N-8654	GASKET	1		
	4F-9785	GASKET	1		
	4F-0501	GASKET	16		
	4L-8132	GASKET	1		
	4L-8176	GASKET	1		
	4L-8651	GASKET	2		
	7F-7889	GASKET	1		
	7M-4353	GASKET	1		
	8L-9757	GASKET	2		
	1P-8005	GASKET-CHAMBER	16		
	2N-3236	GASKET-EXHAUST MANIFOLD	16		
	4L-7631	GASKET-FUEL PUMP HOUSING	1		
	6V-3753	KIT-GASKET (CENTRAL, LOWER STRUCTURE)	1		
	0T-0329	LOCKNUT	16		
	1F-3131	GASKET	3		
	1F-4419	GASKET-COVER	8		
	1F-9223	GASKET-COVER	8		
	2A-4462	SCREW-LOCK	2		
	2N-3553	SEAL	9		
	3F-4550	LOCKNUT	16		
	3N-0960	GASKET	1		
	3P-0648	SEAL-O-RING	1		
	3P-0649	SEAL-O-RING	1		
	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-8932	GASKET	1		

324-8854 KIT-ENGINE OVERHAUL (continued)

Ref.	Part number	Description	Qty	Code	Group page
	6H-4209	SCREW-LOCK	8		
	6L-6580	GASKET	8		
	7L-2905	GASKET	1		
	7L-3111	GASKET	2		
	7M-4353	GASKET	1		
	8F-8682	SCREW-LOCK	3		
	8F-8683	SCREW-LOCK	1		
	8L-5457	GASKET-PAN BASE	1		
	8M-8509	LOCKNUT	1		
	9M-1367	LOCK-BOLT	8		
	6V-3752	KIT-MANIFOLD GASKET	1		
	4L-7890	GASKET	8		
	4L-8097	GASKET	16		
	6L-7817	SEAL-O-RING	32		
	7H-2783	GASKET	16		
	7L-2149	GASKET-EXHAUST MANIFOLD	32		
	7L-6005	GASKET	1		
	9M-4217	SEAL-O-RING	2		
	6L-7816	SEAL-O-RING	16		

CAT codes: Y.

324-8855 KIT-ENGINE OVERHAUL

324-8855 KIT-ENGINE OVERHAUL S/N 35B1-UP; 91B1-UP; 36Z1-UP FOR THE D399 ENGINE (6.25 BORE), USED WITH 3N-1189, 3N-1198, 5N-7278, 35B1-UP, 91B1-UP, 36Z1-UP PART OF 350-9208 PARTS GP-ENGINE OVERHAUL FIELD INSTALLATION

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

Ref.	Part number	Description	Qty	Code	Group page
	324-8854	KIT-ENGINE OVERHAUL	1	Y	4
	8N-7769	BEARING-CONNECTING ROD	16		
	8N-7764	BEARING-MAIN	9		
	7N-4515	BODY AS-PISTON	16		
	8N-2275	BUSHING	16		
	2N-9298	GUIDE-VALVE (STANDARD)	16		
	7C-3720	GUIDE-VALVE (0.13-MM OS)		AB	
	7C-5327	GUIDE-VALVE (0.51-MM OS)		AB	
	2N-9299	GUIDE-VALVE (EXHAUST, STANDARD)	16		
	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)	16		
	4S-8906	INSERT (0.13-MM OS)(EXHAUST)		AB	
	4S-8907	INSERT (0.25-MM OS)(EXHAUST)		AB	
	5S-1757	INSERT (INLET)(STANDARD)	16		
	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	
	7C-5379	INSERT-SEAT (0.51-MM OS)(EXHAUST)		AB	
	7C-5380	INSERT-SEAT (0.76-MM OS)(EXHAUST)		AB	
	5P-8970	KIT-LINER GASKET	16		
(EACH INCLUDES)					
	6L-7815	SEAL-O-RING	3		
	8N-4708	BAND-FILLER	1		
	8N-9174	LINER-CYLINDER BLOCK	16		
	2A-4429	LOCK-RETAINER	64		
	524-7997	PIN-PISTON	16		
	4L-4653	PLATE-THRUST	2		
	1W-3062	RETAINER AS	16		
(EACH INCLUDES)					
	1W-3063	RETAINER	1		

324-8855 KIT-ENGINE OVERHAUL (continued)

Ref.	Part number	Description	Qty	Code	Group page
	8N-7780	SHIELD-OIL	1		
	7M-4926	RETAINER-PIN	32		
	2N-9297	RETAINER-VALVE SPRING	16		
	1W-5105	RING GP-PISTON	16		
(EACH INCLUDES)					
	1W-5061	RING-PISTON (OIL)	1		
	3S-4059	RING-PISTON (INTERMEDIATE)	1		
	9S-7507	RING-PISTON (TOP)	1		
	7N-7639	ROTATOR-VALVE	32		
	3N-1414	SPACER (0.804X1.25X0.494-IN THK)	32		
	9M-5349	SPRING (INNER)	32		
	9M-5350	SPRING (OUTER)	32		
	1W-1822	VALVE-EXHAUST	16		
	1W-8606	VALVE-INLET	16		

CAT codes: A, B, R, Y.

332-3616 KIT-ENGINE OVERHAUL

332-3616 KIT-ENGINE OVERHAUL S/N 35B1-UP; 91B1-UP; 49C1-UP; 36Z1-UP TO PROVIDE AN OUT OF FRAME OVERHAUL KIT. THE ADDITION OF THIS KIT, WILL ALLOW THE CUSTOMER TO PERFORM A COMPLETE ENGINE OVERHAUL FOR THE 6.25 BORE ENGINE FOR USE WITH E189 ENGINE S/N 35B 1-UP, E197 ENGINE S/N 49C 1-UP, E198 ENGINE S/N 91B 1-UP, E278 ENGINE S/N 36Z 1-UP FIELD INSTALLATION

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

Ref.	Part number	Description	Qty	Code	Group page
	5L-2894	BUSHING	9		
	332-3411	KIT-GASKET	1		
	0L-1213	GASKET	1		
	1F-6936	GASKET	1		
	2A-3278	GASKET	2		
	4L-3437	GASKET	2		
	4L-5832	GASKET	1		
	4L-7885	GASKET	1		
	4L-8175	GASKET-COVER	1		
	4L-8191	GASKET	1		
	5N-4687	GASKET	1		
	5N-4688	GASKET	1		
	6L-5304	GASKET	1		
	6V-3741	KIT-GASKET	1		
	0L-1124	GASKET-PLUG	1		
	4F-7387	SEAL-O-RING	2		
	4L-6216	GASKET	1		
	4L-8120	GASKET	2		
	5B-8932	GASKET	1		
	5L-2093	GASKET	2		
	5N-3275	GASKET	1		
	7F-7669	GASKET	1		
	9M-1367	LOCK-BOLT	1		
	6V-5465	KIT-GASKET	1		
	0L-1477	SCREW-LOCK	2		
	2A-3278	GASKET	2		
	4L-3375	GASKET	2		
	4L-3392	GASKET-FRONT ACCESSORY DRIVE	1		
	4L-3422	GASKET	1		
	4L-3437	GASKET	5		
	4L-3759	LOCKNUT	3		
	4L-6182	LOCKNUT	2		

332-3616 KIT-ENGINE OVERHAUL (continued)

Ref.	Part number	Description	Qty	Code	Group page
	4L-6183	LOCKNUT	4		
	4L-6184	LOCKNUT	1		
	4L-8767	LOCKNUT	1		
	5B-5689	GASKET	1		
	5H-6012	SEAL-LIP TYPE	1		
	5L-2093	GASKET	1		
	5N-4687	GASKET	1		
	5N-4688	GASKET	1		
	6L-2069	GASKET-FRONT ACCESSORY DRIVE	1		
	7D-1979	SEAL-O-RING	2		
	9M-1367	LOCK-BOLT	2		
	7L-7735	GASKET	1		
	6L-2195	WASHER AS-THRUST	1		
	4B-4158	SCREW-DRIVE (NO 4X0.25-IN)	1		

350-9208 PARTS GP-ENGINE OVERHAUL

350-9208 PARTS GP-ENGINE OVERHAUL S/N 35B1-UP FOR USE WITH 6.25 BORE, 35B1-UP FIELD INSTALLATION

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

Ref.	Part number	Description	Qty	Code	Group page
	324-8855	KIT-ENGINE OVERHAUL	1	Y	6
	10R-7751	KIT-ENGINE OVERHAUL	1		
	8N-7769	BEARING-CONNECTING ROD	16		
	8N-9174	LINER-CYLINDER BLOCK	16		
	324-8854	KIT-ENGINE OVERHAUL	1		
	7B-2420	FERRULE	48		
	8F-4994	SEAL-O-RING	16		
	1P-8005	GASKET-CHAMBER	16		
	9F-6656	RING-RETAINING	8		
	2A-3278	GASKET	2		
	2N-3236	GASKET-EXHAUST MANIFOLD	16		
	3N-8654	GASKET	1		
	6L-7816	SEAL-O-RING	16		
	3P-1155	SEAL-O-RING	1		
	3P-1156	SEAL-O-RING	1		
	4F-9785	GASKET	1		
	4H-2494	SLEEVE-FITTING	8		
	4H-5952	GASKET	16		
	4L-7631	GASKET-FUEL PUMP HOUSING	1		
	4L-8132	GASKET	1		
	4L-8176	GASKET	1		
	4L-8651	GASKET	2		
	6B-6224	FERRULE	64		
	6V-3750	KIT-CYLINDER HEAD GASKET	1		
	9H-6067	SEAL-O-RING	2		
	6L-4497	GASKET	8		
	6L-7813	SEAL-FERRULE	64		
	6L-7814	SEAL-DIRECTOR	48		
	8F-4994	SEAL-O-RING	16		
	8F-9206	SEAL-O-RING	32		
	3N-3220	GASKET	8		
	3P-0647	SEAL-O-RING	8		
	4H-2494	SLEEVE-FITTING	8		

MANUALS-KOMATSU.COM

Complete Caterpillar PDF Parts Catalogue

35B-SEBP5322

\$99

Buy on this catalogue page in our store.

Download instructions are sent after payment confirmation.

Buy complete PDF - \$99