

CATERPILLAR 390F L OEM

N64 / SEBP6013

Contents

Section	Page
Cooling system	2
Catalog items	3
Basic engine	7
Basic engine	

492-6527 KIT-OIL COOLER & LINES GASKET

492-6527 KIT-OIL COOLER & LINES GASKET S/N N641-UP; EXB1-UP; P4J1-UP OIL COOLER AND LINES GASKET KIT
FIELD INSTALLATION

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

Ref.	Part number	Description	Qty	Code	Group page
	125-0434	SEAL-INTEGRAL	1		
	126-4935	SEAL-INTEGRAL	1		
	6V-3250	SEAL-O-RING	3		
	6V-3908	SEAL-O-RING	1		
	6V-5063	SEAL-O-RING	3		
	6V-6609	SEAL-O-RING	2		
	6V-8676	SEAL-O-RING	1		
	8C-5230	SEAL-O-RING	4		
	8T-9588	SEAL-O-RING	1		
	109-0077	SEAL-O-RING	2		
	113-5304	SEAL-O-RING	2		
	118-7214	SEAL-O-RING	2		
	214-7566	SEAL-O-RING	1		
	214-7568	SEAL-O-RING	3		
	238-5081	SEAL-O-RING	1		
	238-5084	SEAL-O-RING	2		
	291-8145	SEAL-O-RING	1		
	416-1498	SEAL-O-RING	1		

FOR A LIST OF RELATED PARTS THAT MAY BE REQUIRED FOR THE ENGINE REBUILD TO THE KIT CONSIST, PLEASE VISIT

[HTTP://DEALER.CAT.COM/RELATED](http://dealer.cat.com/related)

497-9378 KIT-GASKET

497-9378 KIT-GASKET S/N N641-UP; H271-UP; FH91-UP; P4L1-UP CENTRAL AND LOWER STRUCTURE FIELD INSTALLATION

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

Ref.	Part number	Description	Qty	Code	Group page
	8C-3445	CAP-DUST	1		
	4N-0699	GASKET	2		
	345-0412	GASKET-OIL PAN	2		
	165-6170	PLUG	3		
	126-4935	SEAL-INTEGRAL	1		
	5P-5846	SEAL-O-RING	1		
	5P-8068	SEAL-O-RING	2		
	6V-3683	SEAL-O-RING	1		
	6V-3830	SEAL-O-RING	1		
	6V-5134	SEAL-O-RING	1		
	6V-6609	SEAL-O-RING	3		
	6V-8676	SEAL-O-RING	1		
	8J-4351	SEAL-O-RING	1		
	109-0076	SEAL-O-RING	1		
	114-2687	SEAL-O-RING	3		
	118-5068	SEAL-O-RING	1		
	210-9246	SEAL-O-RING	1		
	214-7566	SEAL-O-RING	4		
	214-7568	SEAL-O-RING	1		
	228-7089	SEAL-O-RING	2		
	228-7100	SEAL-O-RING	1		
	238-5080	SEAL-O-RING	7		
	238-5081	SEAL-O-RING	1		
	238-5082	SEAL-O-RING	1		
	379-5053	SEAL-O-RING	1		

FOR A LIST OF RELATED PARTS THAT MAY BE REQUIRED FOR THE ENGINE REBUILD TO THE KIT CONSIST, PLEASE VISIT

[HTTP://DEALER.CAT.COM/RELATED](http://dealer.cat.com/related)

544-1124 KIT-GASKET

544-1124 KIT-GASKET S/N N641-UP; H251-UP; P4J1-UP; P4L1-UP SINGLE CYLINDER HEAD FIELD INSTALLATION

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

Ref.	Part number	Description	Qty	Code	Group page
	4P-4460	GASKET	1		
	7N-7559	GASKET	1		
	101-3125	GASKET (AIR INLET MANIFOLD)	1		
	227-1204	GASKET	1		
	341-9211	GASKET	4		
	357-1752	GASKET-TURBOCHARGER	1		
	359-0908	GASKET-CYLINDER HEAD	1		
	149-7378	GROMMET	18		
	375-2467	LOCKNUT-FLANGE (M10X1.5-THD)	4	M	
	3E-6772	SEAL (WATER)	24		
	142-2329	SEAL	1		
	160-7271	SEAL	1		
	272-0390	SEAL	1		
	341-1429	SEAL	1		
	3S-9643	SEAL-LIP TYPE	2		
	5E-8771	SEAL-O-RING	1		
	5P-0840	SEAL-O-RING	2		
	6V-1197	SEAL-O-RING	1		
	6V-3250	SEAL-O-RING	2		
	6V-3251	SEAL-O-RING	1		
	6V-6609	SEAL-O-RING	8		
	6V-9027	SEAL-O-RING	2		
	117-8801	SEAL-O-RING	1		
	6D-7128	SEAL-O-RING	1		
	167-4407	SEAL-O-RING	1		
	180-8424	SEAL-O-RING	2		
	214-7566	SEAL-O-RING	1		
	214-7568	SEAL-O-RING	13		
	228-4947	SEAL-O-RING	1		
	228-7090	SEAL-O-RING	1		
	228-7101	SEAL-O-RING	1		
	238-5078	SEAL-O-RING	2		
	238-5080	SEAL-O-RING	3		

544-1124 KIT-GASKET (continued)

Ref.	Part number	Description	Qty	Code	Group page
	238-5081	SEAL-O-RING	1		
	272-2583	SEAL-O-RING	1		
	242-9537	SEAL-VALVE COVER	3		
	281-8261	SLEEVE AS-EXHAUST	6		
	357-0351	STUD-TAPERLOCK (M10X1.5X60-MM)	4	M	

FOR A LIST OF RELATED PARTS THAT MAY BE REQUIRED FOR THE ENGINE REBUILD TO THE KIT CONSIST, PLEASE VISIT
[HTTP://DEALER.CAT.COM/RELATED](http://dealer.cat.com/related)

CAT codes: M.

547-6415 KIT-GASKET

547-6415 KIT-GASKET S/N N641-UP; P4J1-UP OIL COOLER AND LINES FIELD INSTALLATION

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

Ref.	Part number	Description	Qty	Code	Group page
	125-0434	SEAL-INTEGRAL	1		
	126-4935	SEAL-INTEGRAL	1		
	6V-3250	SEAL-O-RING	2		
	6V-3908	SEAL-O-RING	1		
	6V-5063	SEAL-O-RING	2		
	6V-6609	SEAL-O-RING	1		
	8C-5230	SEAL-O-RING	4		
	109-0077	SEAL-O-RING	2		
	113-5304	SEAL-O-RING	2		
	214-7566	SEAL-O-RING	1		
	214-7568	SEAL-O-RING	2		
	238-5081	SEAL-O-RING	1		
	238-5084	SEAL-O-RING	2		
	291-8145	SEAL-O-RING	1		

FOR A LIST OF RELATED PARTS THAT MAY BE REQUIRED FOR THE ENGINE REBUILD TO THE KIT CONSIST, PLEASE VISIT

[HTTP://DEALER.CAT.COM/RELATED](http://dealer.cat.com/related)

570-5577 KIT-ENGINE GASKET

570-5577 KIT-ENGINE GASKET S/N PM91-UP CENTRAL AND LOWER STRUCTURE FIELD INSTALLATION

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

Ref.	Part number	Description	Qty	Code	Group page
	8C-3445	CAP-DUST	1		
	195-0452	GASKET	1		
	213-2410	GASKET	1		
	190-6114	GASKET-OIL PAN	1		
	3P-1156	SEAL-O-RING	2		
	5P-6436	SEAL-O-RING	1		
	5P-7530	SEAL-O-RING	2		
	9F-4446	SEAL-O-RING	1		
	033-6032	SEAL-O-RING	1		
	214-7566	SEAL-O-RING	2		
	214-7568	SEAL-O-RING	2		
	238-5080	SEAL-O-RING	3		
	238-5082	SEAL-O-RING	1		
	330-8197	SEAL-O-RING	1		
	5N-4185	WASHER-SPECIAL	1		
FOR A LIST OF RELATED PARTS THAT MAY BE REQUIRED FOR THE ENGINE REBUILD TO THE KIT CONSIST, PLEASE VISIT					
HTTP://DEALER.CAT.COM/RELATED					

570-5623 KIT-ENGINE GASKET

570-5623 KIT-ENGINE GASKET S/N PM91-UP REAR STRUCTURE FIELD INSTALLATION

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

Ref.	Part number	Description	Qty	Code	Group page
	9Y-6089	GASKET	2		
	528-5684	SEAL GP-CRANKSHAFT	1		
	061-9455	SEAL-O-RING	1		
	214-7567	SEAL-O-RING	1		
	238-5080	SEAL-O-RING	2		

FOR A LIST OF RELATED PARTS THAT MAY BE REQUIRED FOR THE ENGINE REBUILD TO THE KIT CONSIST, PLEASE VISIT
[HTTP://DEALER.CAT.COM/RELATED](http://dealer.cat.com/related)

570-5630 KIT-ENGINE GASKET

570-5630 KIT-ENGINE GASKET S/N PM91-UP OIL COOLER AND LINES FIELD INSTALLATION

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

Ref.	Part number	Description	Qty	Code	Group page
	195-0452	GASKET	1		
	209-7290	GASKET	1		
	209-7293	GASKET	1		
	5P-7530	SEAL-O-RING	1		
	214-7566	SEAL-O-RING	2		
	214-7568	SEAL-O-RING	1		
	228-7088	SEAL-O-RING	1		
	228-7089	SEAL-O-RING	1		
	228-7092	SEAL-O-RING	1		
	238-5080	SEAL-O-RING	1		
	238-5081	SEAL-O-RING	3		
	238-5082	SEAL-O-RING	1		
	464-0509	SEAL-O-RING	1		

FOR A LIST OF RELATED PARTS THAT MAY BE REQUIRED FOR THE ENGINE REBUILD TO THE KIT CONSIST, PLEASE VISIT
[HTTP://DEALER.CAT.COM/RELATED](http://dealer.cat.com/related)

570-5632 KIT-ENGINE GASKET

570-5632 KIT-ENGINE GASKET S/N PM91-UP SINGLE CYLINDER HEAD FIELD INSTALLATION

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

Ref.	Part number	Description	Qty	Code	Group page
	1P-0451	GASKET	1		
	161-3411	GASKET	6		
	191-4457	GASKET	1		
	197-8419	GASKET	1		
	219-2340	GASKET	1		
	187-1315	GASKET AS	1		
	9X-6620	LOCKNUT (M10X1.5-THD)	4	M	
	3S-9643	SEAL-LIP TYPE	1		
	4G-4972	SEAL-O-RING	1		
	6V-6609	SEAL-O-RING	3		
	214-7566	SEAL-O-RING	2		
	214-7567	SEAL-O-RING	2		
	214-7568	SEAL-O-RING	12		
	228-7089	SEAL-O-RING	2		
	228-7096	SEAL-O-RING	2		
	238-5080	SEAL-O-RING	3		
	268-3490	SEAL-VALVE COVER	1		
	285-4106	SEAL-VALVE COVER	1		
	418-6781	STUD-TAPERLOCK (M10X1.5X40-MM)	4	M	

FOR A LIST OF RELATED PARTS THAT MAY BE REQUIRED FOR THE ENGINE REBUILD TO THE KIT CONSIST, PLEASE VISIT
[HTTP://DEALER.CAT.COM/RELATED](http://dealer.cat.com/related)

CAT codes: M.

MANUALS-KOMATSU.COM

Complete Caterpillar PDF Parts Catalogue

N64-SEBP6013

\$99

Buy on this catalogue page in our store.

Download instructions are sent after payment confirmation.

Buy complete PDF - \$99