

CATERPILLAR 390F MHPU

H27 / SEBP6013

Contents

Section	Page
Catalog items	2
Basic engine	3
Basic engine	9

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)

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.

495-0213 KIT-ENGINE GASKET

495-0213 KIT-ENGINE GASKET S/N H271-UP; DPE1-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
	2A-1162	GASKET	1		
	9Y-6089	GASKET	1		
	155-5619	GASKET	1		
	234-8937	SEAL-INTEGRAL	1		
	4M-0189	SEAL-O-RING	2		
	4N-1230	SEAL-O-RING	2		
	9X-7371	SEAL-O-RING	1		
	114-2687	SEAL-O-RING	2		
	214-7566	SEAL-O-RING	1		
	214-7567	SEAL-O-RING	5		
	214-7568	SEAL-O-RING	2		
	238-5080	SEAL-O-RING	4		

542-5376 KIT-FRONT COVER GASKET

542-5376 KIT-FRONT COVER GASKET S/N H271-UP; DPE1-UP FRONT STRUCTURE FIELD INSTALLATION

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

Ref.	Part number	Description	Qty	Code	Group page
	166-9144	GASKET	1		
	160-7271	SEAL	1		
	142-5867	SEAL-CRANKSHAFT (FRONT)	1		
	125-0434	SEAL-INTEGRAL	1		
	155-9524	SEAL-INTEGRAL	1		
	5E-8771	SEAL-O-RING	1		
	7J-6285	SEAL-O-RING	1		
	8T-9527	SEAL-O-RING	1		
	061-9455	SEAL-O-RING	1		
	107-5769	SEAL-O-RING	2		
	117-8801	SEAL-O-RING	1		
	122-3772	SEAL-O-RING	1		
	201-9701	SEAL-O-RING	1		
	214-7568	SEAL-O-RING	1		
	228-4947	SEAL-O-RING	2		
	228-7090	SEAL-O-RING	1		
	228-7091	SEAL-O-RING	1		
	238-5078	SEAL-O-RING	2		
	238-5080	SEAL-O-RING	1		
	126-1757	WASHER (10.85X19.3X1.27-MM THK)	11		
	129-5427	WASHER-SPECIAL (SEALING)	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)

0A-0000 CHART-COMMONALITY

0A-0000 CHART-COMMONALITY S/N EG11-UP; EF21-UP; FH51-UP; H251-UP; AB71-UP; H271-UP; BK81-UP; FH91-UP; EXA1-UP; M4A1-UP; EXB1-UP; FJC1-UP; ET21-UP; HFC1-UP; M3D1-UP; DPE1-UP; MGE1-UP; MZE1-UP; PYE1-UP; F4F1-UP; FEF1-UP; JPG1-UP; LZJ1-UP; FH31-UP; P4J1-UP; P4L1-UP; FRM1-UP; TNN1-UP; X3N1-UP; DYP1-UP; KFP1-UP; M8P1-UP; MZP1-UP; NPR1-UP; SM31-UP; TPR1-UP; CET1-UP; HEW1-UP; PEW1-UP; MCX1-UP; GCY1-UP; JFY1-UP; NGY1-UP; CE41-UP; FH41-UP; L441-UP; N641-UP; BT51-UP

No separate drawing is provided in the current catalog card.

Ref.	Part number	Description	Qty	Code	Group page
REFER TO REHS3699 FOR COMMONALITY CHART					

MANUALS-KOMATSU.COM

Complete Caterpillar PDF Parts Catalogue

H27-SEBP6013

\$99

Buy on this catalogue page in our store.

Download instructions are sent after payment confirmation.

Buy complete PDF - \$99