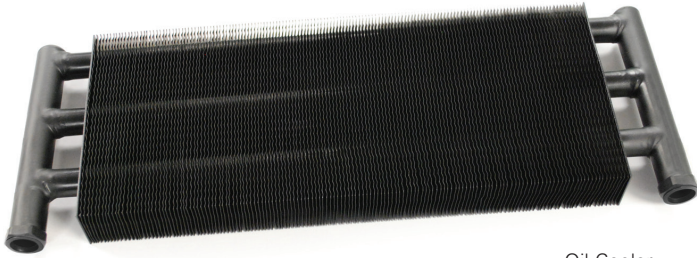
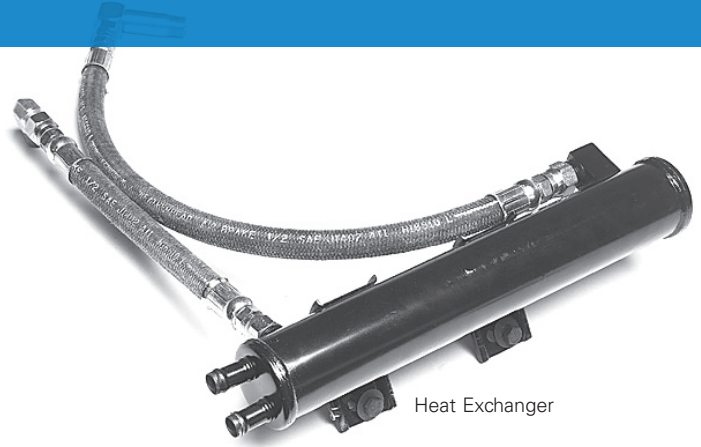


Eaton® Oil Coolers and Heat Exchangers



Oil Cooler



Heat Exchanger

Lower Oil Temperatures and Prolong Lube Life.

Operating transmission temperatures above 250°F (121°C) increases your lubricant's rate of oxidation and shortens your lube life. Using an oil cooler or heat exchanger lowers transmission temperatures to safe operating levels. Prolong your lubricant service life and optimum change intervals with Roadranger approved lube.

Applications include:

- High ambient temperatures
- Restricted air flow around transmission
- Operating consistently at slower speeds
- On/off-highway applications, including severe applications
- High horsepower
- Close proximity to exhaust or after treatment systems
- Extended periods of overdrive operation in hilly or mountainous terrain

Recommended: With engines of 350 H.P. and above.

Required: With engines 399 H.P. and above and GCW's over 90,000 lbs.; With engines 399 H.P. and above and 1400 lb.-ft. or greater torque; With engines 1500 lb.-ft. and above; With engines of 450 H.P. and above.

Oil Cooler Chart (air over oil)

Model Series	Complete Oil Cooler Kit Cooler, Pump, Collar/Drive Screw, Mtg. Hdw., Hose, Fittings	Oil Cooler Installation Kit Cooler	Lubrication Drive Set Kit Pump, Collar, Hose, Mtg. Hdw., Fittings	External Pump Assembly Pump	External Pump Installation Kit Pump, Mtg. Hdw., Strainer Tee	Oil Filter Assembly
RT/RTO-613, 6613, 906, 910, 915, 958LL, 9508, 9509, 9513, 1110, 11509, 12513, T-955AL/ALL, 7608LL, 8608L, 11608, 11608LL, 11609, 11610, 11613, 11615, 11813, 12609, 13609, 12610, 14613, 14813 Series		K-1956 or 18025		A-4679		S-1404
RTO-1157/DLL/1258LL, RT-12515 Series		18025		A-4678		
RT/RTO-12509, 12510, 14608, 14609, 14610, 1157DL, 11607L	K-1702		K-1709	A-4680	K-1706	
RTO-11607LL, 14608LL, 14615 Series				A-4678		
RT/RTO-11700, 12700, 13700, 14700 and LL Series	K-3470			A-6654		
RT/RTO-11613, 14613 Series with Taper Bearings, RTLO-14613B, 14618				A-5941	K-3473	
RTLO-12713A, 14713A					K-3472	
RTLO-12610B, 13610B, RTLO-14610 Series					K-3473	
FR / FRO					K-3475	

Oil coolers are not recommended with mild EP or multipurpose gear oils which can degrade oil cooler materials.



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Eaton® Oil Coolers and Heat Exchangers

Heat Exchanger Chart (water over oil)

Mount Location	Current Part #	Old Part #	Service Kit Part #	Assembly Kit Part #'s with hose adaptors	Assembly Kit Part #'s with hose adaptors and hoses	Oil Line Parts #s	Mounting Bracket Part #s
Top Right Side	5586641	5586625 5586600	K-3952	K-3963	K-3357	5588101 (14.5") 5588102 (26.5")	N/A
	5586642	5586626 5586601	K-3953	K-3964	N/A	5588101 (14.5") 5588102 (26.5")	N/A
	5586643	5586627 5586602	K-3954	K-3965	K-3359	5588101 (14.5") 5588105 (40.0")	N/A
	5586646	5586630 5586606	K-3957	K-3969	K-3976	5588101 (14.5") 5588102 (26.5")	N/A
	5586649	5586633 5586609	K-3959	K-3972	K-3968 (1 hose) K-3975 (2 hoses)	5588102 (26.5") 5588103 (30.0")	N/A
	5586650	5586634 5586610	K-3960	K-3973	N/A	5588114 (24.5") 5588115 (19.5")	N/A
	5586651	5586635 5586611	K-3961	K-3974	N/A	5588101 (14.5") 5588106 (40.0") 5588122 (17.0")	N/A
	5586652	5586636 5586623	K-3896	K-3962	N/A	5588105 (21.5") 5588106 (40.0") 5588122 (17.0")	N/A
Top Left Side	5586644	5586628 5586603	K-3955	K-3966	K-3358, K-3633	5588109 (28.0") 5588116 (37.0") 5588106 (40.0")	N/A
	5586652	5586636 5586623	K-3896	K-3962	N/A	5588105 (21.5") 5588106 (40.0") 5588122 (17.0")	N/A
	5586653	5586638	K-3897	N/A	N/A	5588114 (24.5") 5588123 (15.0")	N/A
Top Front	5586654	5586639	K-3898	N/A	N/A	5588102 (26.5") 5588127 (36.5")	4306145, 4306408, or 4306409 Order K-3943 for RT Models Order K-3944 for FR Models
Top Back	5586647	5586631 5586607	K-3958	K-3970	K-3403	5588111 (50.0") 5588116 (48.0") 5588112 (48.0")	4304794 or 4307061 Order K-3903
Bottom Back	5586645	5586629 5586604	K-3956	K-3967	K-3356, K-3634	5588107 (45.0") 5588108 (52.0")	4304665 or 4306412 Order K-3902
	5586648	5586632 5586608	K-3895	K-3971 (includes bracket)	K-3404	5588110 (57.5") 5588113 (51.0")	4304795 or 4306410 Order K-3900

Transmission must have either internal or external oil pump to accept heat exchanger.

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For spec'ing or service assistance, call 1-800-826-HELP (4357) or visit www.eaton.com/roadranger. In Mexico, call 001-800-826-4357.

Roadranger: Eaton and trusted partners providing the best products and services in the industry, ensuring more time on the road.

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