





COOLING





Radiator – Part #0000-01-7501

RADIATORS / OIL COOLERS / INTERCOOLER

PART NUMBER	CODE	# REQ.	DESCRIPTION	MODEL/ ENGINE TYPE	YEAR	NOTES
1058-78-190	C	1	Radiator - Aluminum	12A & 13B	Various	Aluminum Mazda factory competition radiator. Dimensions: 19-1/2" high, 22-1/8" wide, 2" thick.
0000-01-7501		1	Radiator - Aluminum	RX7 12A	1983-85	Heavy-duty bolt-in replacement for stock unit. Similar to Part # 1058-78-190. Can be used in conjunction with stock water/oil cooler mounted under oil filter. Same dimensions as Part # 1058-78-190.
0000-01-7502		1	Radiator - Aluminum	RX7 12A RX7 13B	1979-82 1984-85	Heavy-duty (1.125" core) aluminum radiator is a bolt-in replacement. Equivalent to a 3-row radiator in cooling capacity. Fits models with oil cooler mounted under radiator.
0000-01-7504		1	Radiator - Aluminum	RX7	1986-91	High-flow radiator mounts in stock location. Recommended for SCCA "IT" and similar classes.
0000-01-7505		1	Radiator - Aluminum	RX7 TT	1993-95	Heavy-duty (1.125" core) aluminum radiator is a bolt-in replacement. Equivalent to a 3-row radiator in cooling performance.
1058-78-180	C	1	Oil Cooler	12A & 13B	Various	Mazda factory competition oil cooler. Dimensions are 6.55" high, 22.5" wide, 2" thick (not including mounting brackets and fittings).
0000-01-7512	C	1	Oil Cooler	RX7	1986-91	Mounts in stock location.
3565-14-700	S	1	Oil Cooler	12A & 13B	Various	Stock replacement oil cooler for RX4 can be used in place of stock RX7 oil cooler that mounts under radiator. This is high capacity/high flow cooler. Recommended for SCCA "IT" and similar classes.
0000-01-7515	C	1	Intercooler - Aluminum	RX7 TT	1993-95	Heavy-duty bolt-in replacement unit provides superior cooling and improved turbo performance.

 = NEW! Competition Part

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FLUIDYNE Fluidyne Racing Products



Fluidyne Heat Exchanger – Part #0000-01-9503

HEAT EXCHANGERS						
PART NUMBER	CODE	# REQ.	DESCRIPTION	MODEL/ ENGINE TYPE	YEAR	NOTES
0000-01-9501	C	I	Heat Exchanger - Therm-X III™	Various	---	Fluidyne Racing Products water/oil heat exchanger is made of lightweight alloy and provides over 65,000 BTUs of heat rejection without a significant increase in water temperatures. For installation in hot water supply line. Weight: 4 3/4 lbs. Size 11-1/2 x 4-1/2 x 3" (L x H x W). Fittings: Oil (AN-12); Water, 1" pipe (Part #DB-30503).
0000-01-9502	C	I	Heat Exchanger- Therm-X IV™	Various	---	See NOTES for part #0000-01-9501 above. For installation in cold water supply line. Fittings: Oil, AN-12; Water, 1-3/4" hose (Part #DB-30504).
0000-01-9503	C	I	Heat Exchanger - Therm-X™	Various	---	Fluidyne Racing Products "parallel-flow" all-aluminum unit produces over 80,000 BTUs of heat rejection. Needs only a portion of the hot water returning to the radiator. Can be mounted anywhere and at any axis. (Weight: 9-1/2 lbs. Size: 14-1/4 x 6-1/4 x 4-1/4" (L x H x W). Fittings: Oil, -12; Water, (3/4" NPT); Temperature probe (1/2" NPT, 1 quart oil capacity (Part #DB-30500).



Pulleys – Drive, Water Pump and Alternator

Replacement of stock engine pulleys in SCCA "IT" classes is now legal. With a stock water pump and drive pulley, the water pump spins at a very high rpm creating cooling system cavitation and possible overheating.

Replacing the drive and water pump pulleys with smaller diameter pulleys reduces the water pump's rpm significantly. Replacing the alternator pulley with a large diameter competition pulley will increase alternator bearing life by slowing the alternator speed.



Drive, Alternator and Water Pump Pulleys

PULLEYS						
PART NUMBER	CODE	# REQ.	DESCRIPTION	MODEL/ ENGINE TYPE	YEAR	NOTES
0000-01-7201	C	1	Drive Pulley - Aluminum	12A & 13B ALL	1974-91	Pulley diameter is smaller than stock part, effectively slowing water pump and alternator speed. (Single sheath.)
0000-01-7211	C	1	Water Pump Pulley - Aluminum	12A & 13B	1974-85	Pulley diameter is larger than stock. Must be used with smaller diameter drive pulley. (Single sheath.)
0000-01-7212	C	1	Water Pump Pulley - Aluminum	RX7 NT&T	1986-88	Pulley diameter is larger than stock. Must be used with smaller diameter drive pulley.
0000-01-7213		1	Water Pump Pulley - Aluminum	RX7 NT&T	1989-91	Pulley diameter is larger than stock. Must be used with smaller diameter drive pulley.
0833-78-153A	C	1	Alternator Pulley - Aluminum	12A & 13B	1979-91	(15 mm shaft diameter/74 mm outside diameter.)
0000-01-9231		1	Idler Pulley/Bracket	12A & 13B	See NOTES	Assembly mounts in place of alternator, reducing engine drag and overall weight. For use on CSR, F/Atlantic and GT Class cars.
3922-18-381	S	1	Fan/Alternator Belt	12A & 13B	1979-85	For use with alternate size pulleys.

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NOTE: Competition drive pulley timing marks can be determined as follows: with pulley installed on engine, turning engine clockwise, first mark to reach indicator pin is 20° BTDC, second mark is 10° BTDC and third mark 0° BTDC.

WATER PUMPS

PART NUMBER	CODE	# REQ.	DESCRIPTION	MODEL/ ENGINE TYPE	YEAR	NOTES
ZR03-15-010	C	1	Competition Aluminum Water Pump	12A, 13B, 20B	1974-85	Water pump for the 20B 3-rotor engine also fits all 12A & 13B engines. Provides higher flow rate than stock pump and weighs approximately 5 lbs. Location of the alternator is on the right side of motor. Includes housing.
4801-15-130	C	+	Aluminum Water Pump Cover	12A & 13B	1974-85	Replacement cover for competition aluminum water pumps.
3997-15-010B	C	1	Competition Cast-Iron Water Pump	12A & 13B	1974-85	Identical to stock pump except thermostat is removed and water bypass plugged.
N232-99-153B	S	1	Water Pump	12A & 13B RX7	1974-78 1979-85	Includes gasket.
N326-15-100R-MC	S	1	Water Pump	RX7 NT&T	1986-88	REBUILT - NLA New
N350-15-100R-M0	S	1	Water Pump	RX7 NT&T	1989-91	REBUILT - NLA New
N3A1-15-100R-MA	S	1	Water Pump	RX7 TT	1993-95	Order Gasket, N3A1-15-116 - Rebuilt
B660-15-010R-ME	S	1	Water Pump	Miata 1.6 & 1.8 DOHC	1990-97	NLA NEW REBUILT - SEE SITE FOR GASKETS
NLA	C	1	Water Pump Cover Gasket	12A & 13B	1974-85	For competition aluminum water pumps only.



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