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INSTALLATION INSTRUCTIONS
Part # FP920 Kit

Please read these instructions completely before beginning installation.

KIT CONTENTS	
QTY.	DESCRIPTION
1	Fan mounting shroud
2	Side pinch brackets (with Trimlock foam tape)
8	Bolts: 10-24 x 1/4in truss-head pan Phillips
2	Fan: 12V puller
2	Wire patch connector, 6”

FAN OPERATION DETAILS

Fan direction: Puller

Fan direction reversal will offer diminished performance, as the blades are optimized for pulling performance.

Voltage: 12V

Amperage: ~24A at startup, ~9.6A continuous @ 0 static press.

Fan performance: 684 CFM @ 0 static pressure

MOUNTING TO OIL COOLER

1. Unbolt the included side brackets from the fan shroud and position the shroud with fan over the oil cooler, centering on the oil cooler.
2. Replace the side brackets, sandwiching the oil cooler between the Trimlock foam tape on the side bracket and the fan shroud. While securing bolts on side bracket, apply a gentle force to squeeze the shroud and bracket together.

MOUNTING ASSEMBLY TO VEHICLE

1. Find a mounting location on the vehicle that will allow for ample air to be drawn through the oil cooler.

   NOTE: It is important to allow for hot air to evacuate out the rear of the fanpack. Mounting location should provide an exhaust path for hot air to escape, else oil cooler performance will be diminished.
2. Ensure mounting location will be free of any moving parts that may interfere with the free movement of fan blades.
3. Isolate the oil cooler assembly from vibration using rubber dampening at all mounting points for maximum longevity.

WIRING

1. Minimum 18 AWG automotive wire should be used for ground and power supply.
2. If not using the included connector, cut off to reveal bare fan power and bare ground leads for wiring.

   NOTE: Wiring fans together

   A connector wire may be used to wire power to both fans simultaneously if desired. To do so, connect both the positive (+) red power leads of both fans to each other, and both the negative (-) black leads of both fans to each other.
3. Connect the positive (+) red power lead to a switched 12V source (manual switch or thermostat). Power may be fused or relayed.

   NOTE: If wiring in a thermal switch, the switch should be located on the hot side of the oil cooler and positioned between the positive (+) red lead and the power source.
4. Connect negative (-) black lead to suitable chassis ground.

Accessory parts available:

P/N	DESCRIPTION
FAN30103011	Direct replacement fan for FP920 KIT
50-920-7612	Setrab ProLine 920M22I oil cooler, direct replacement for cooler in FP920M22I
23-9002	sūsa Mounting bracket kit for Setrab 9-series oil coolers
31-R30A-5P	Power relay, 30A 5-pin
31-TS180-_ _* 31-TS190-_ _* 31-TS200-_ _*	sūsa Thermal Switch, 180/190/200 ºF, *-06, -08, -10, or -12

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Warning: Installation should only be attempted by those with mechanical skills and experience working on vehicles. Standard safety precautions consistent with the tools and dangers of automotive work should be followed to protect from injury. Specifically, wear protective equipment, take care to stabilize the vehicle on a level surface, engage the parking brake, and allow vehicle to cool before attemption installation; failure to comply can result in injury and/or damage to equipment.