

Finned Oil Line Installation

Part #0010100, 0051200

Tips to success

These instructions depict a typical 1974-1989 type configuration. Other years are similar and may require custom hose fabrication at the thermostat end. Review the [External Oil Cooling Configuration Guide](#) for tips on plumbing configurations.

Before beginning installation of Elephant Racing finned oil lines you must first install a fender or valence mounted oil cooler, flex-hoses, external thermostat and related plumbing to connect thermostat, engine and oil tank. Remove the rocker panel if so equipped.



Rear fender with thermostat



Front fender with cooler and flex-hoses installed

Loosen the clamp securing the thermostat and lines in the rear fender, this will ease alignment of the thermostat.

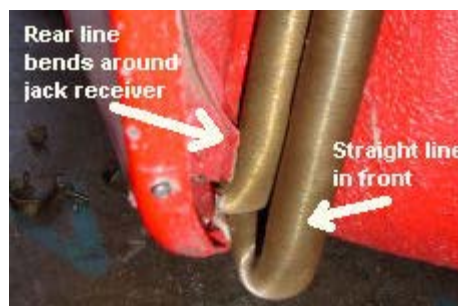
Apply anti-seize compound to the male fittings on the thermostat and oil lines.

Position the Elephant Racing finned oil lines and support using the center clamp only. Leave clamp loose.

Ensure the lines are configured as pictured in the front fender. Position the line that bends around the jack receiver firmly against the fender wall. Position the straight line directly in front.



Support with single center clamp



Routing lines in front fender

Loosely attach the line fittings to the thermostat. Attach flex hoses in the front fender as shown.



Loosely attach rear fittings

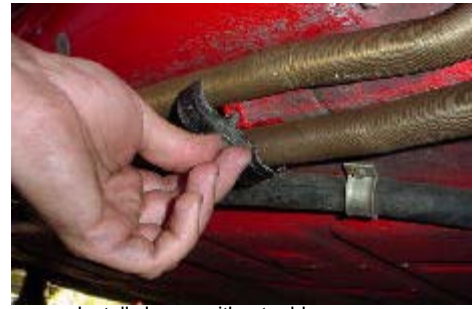


Attach front fittings

Tighten flex-hose fittings using a second wrench on the fitting to relieve stress while tightening. Tighten thermostat fittings. All fittings should be tightened to about 30 ft/lbs.

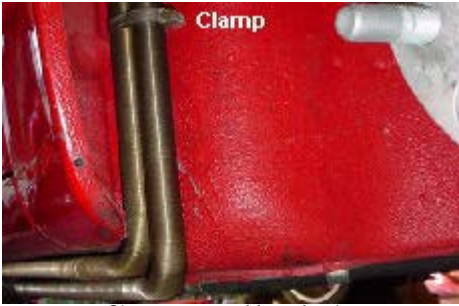


Two wrenches to avoid stress



Install clamps without rubber spacers

Install and tighten all remaining clamps. Remove the rubber spacers equipped with factory clamps, they are not required due to the larger diameter of Elephant Racing finned oil lines.



Clamp at rear of front fender



Clamp at top of front fender

Start engine and bring to operating temperature while monitoring for leaks. Tighten any leaking fittings in 1/8 turn increments until leakage ceases.

When engine has reached operating temperature oil lines will be hot to the touch. Check oil level and top off. You will need to add 1-3 quarts of additional oil in a typical installation.