

INSTALLATION INSTRUCTIONS

Automatic Oil Thermostat

PART # 40-AOT180-22

Please read these instructions completely before beginning installation

KIT CONTENTS

QTY.	DESCRIPTION
1	Automatic oil thermostat
1	Universal mounting bracket
4	1/4-20 x 3/8" socket cap bolts

OPERATION SUMMARY

sūsa automatic oil thermostats are designed to allow fluid to by-pass a heat-exchanger until prescribed temperature (180°F) is reached. At prescribed temperature (180°F), the internal element closes, sending all fluid to the heat-exchanger.

- It is normal to be able to see straight through both ends of the sūsa automatic thermostat. The automatic by-pass function occurs due to the fluid taking the path of least resistance through the open by-pass hole when fluid is cold.
- A 180°F element actuation temperature does not mean fluid temperature will run 180°F. It means oil will flow through the heat-exchanger above 180°F.

INSTALLATION INSTRUCTIONS

1. Select a location close to the oil source with a minimum of 6" of parallel hose routing.
2. Determine mounting orientation of thermostat and affix universal mounting bracket to automatic oil thermostat body, using four 1/4-20 x 3/8" bolts (included).

NOTE: Universal mounting bracket may be affixed in multiple orientations according to installation requirements (see illustrations at right).

3. Determine appropriate size oil lines for application and install sūsa ProLine AN-adapters or direct-port hose ends (sold separately).
4. Tighten sūsa ProLine AN-adapters or direct-port hose ends to 29.5 lb/ft (40Nm).
5. Follow arrows on automatic oil thermostat body for in-line hose connections.

NOTE: If a remote oil filter system is employed, the automatic oil thermostat should be installed AFTER the filter.

6. Start vehicle and check for leaks.

IMPORTANT

The sūsa automatic oil thermostat is machined with 22mm x 1.5 threaded ports and flat-face sealing surface. These ports require use of specialized sūsa ProLine o-ring style adapters or direct-port hose ends (sold separately).

sūsa offers several aluminum adapter fittings and direct-port hose-ends. For additional information, please visit:
www.setrabusa.com

