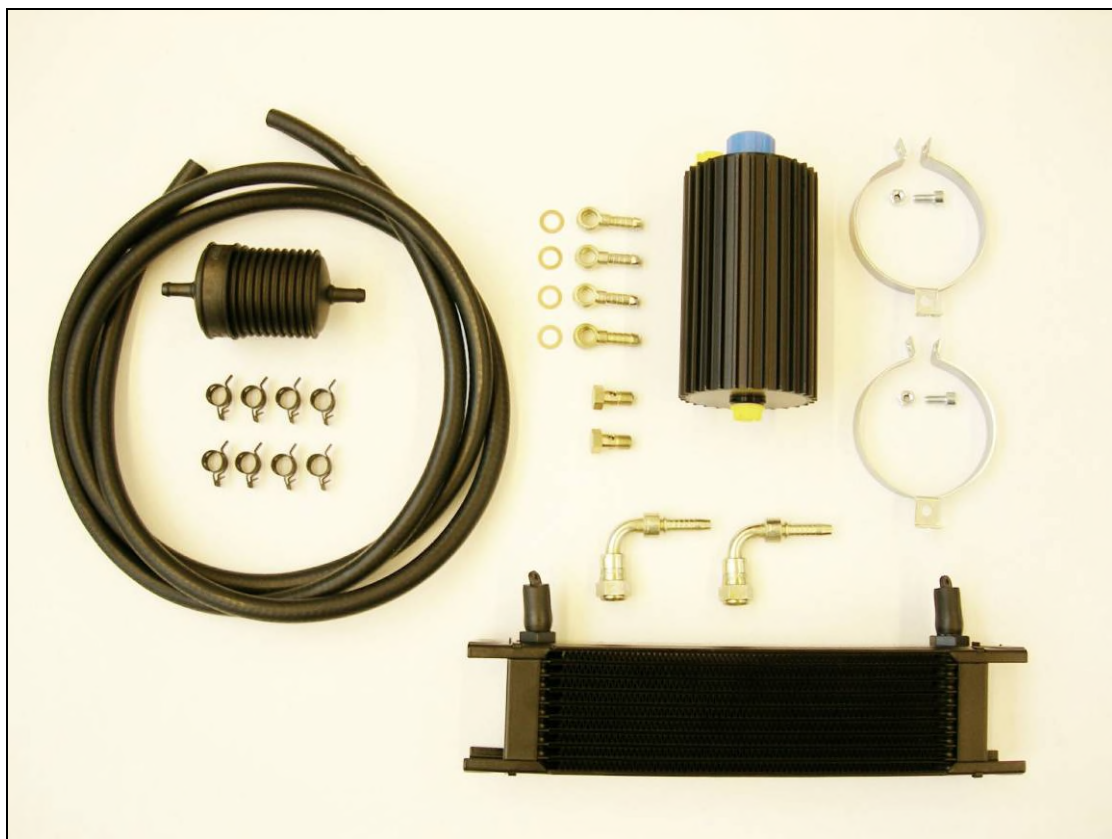


# Rotrex C-type supercharger oil system installation Instructions


The Rotrex C-type supercharger model range is a series of high performance superchargers with integrated oil system. This instruction sheet describes the installation of the oil system and should be regarded as a supplement to the general installation instructions of the C-type supercharger range available for download on the Rotrex website.



## Important:


- Please read these instructions carefully prior to installation
- Tightening torque of the banjo bolts: 21Nm (15lbft)
- Observe the correct priming procedure described in the general installation instructions
- Observe the correct oil level and oil level checking procedure in the general installation instructions
- Observe the oil and oil filter change interval in the general installation instructions
- Study the engine compartment and measure the total hose length needed to complete the oil circuit on the specific application. Make sure your layout does not use more than the hose enclosed of 2.5 m (82 ft).

**1**




Place the oil canister in the engine compartment using the brackets supplied in the oil set. Make sure the canister is placed upright. Leave the plastic plugs in place to prevent debris from entering the system.

**2**




Mount the oil cooler in front of other cooler in a location with good air flow. Make sure there is enough space for the fittings and hoses. The threads for the fittings must be facing upwards to prevent air pockets.

**3**




With a pair of pliers compress a hose clamp and slide it over one end of the hose. Press a banjo fitting into the hose end and secure it with the hose clamp.

**4**




With the supercharger properly in place fit one end of the hose to the oil inlet using the banjo fitting and banjo bolt. Make sure to use a copper washer on each side of the banjo fitting to prevent leaks.

**5**

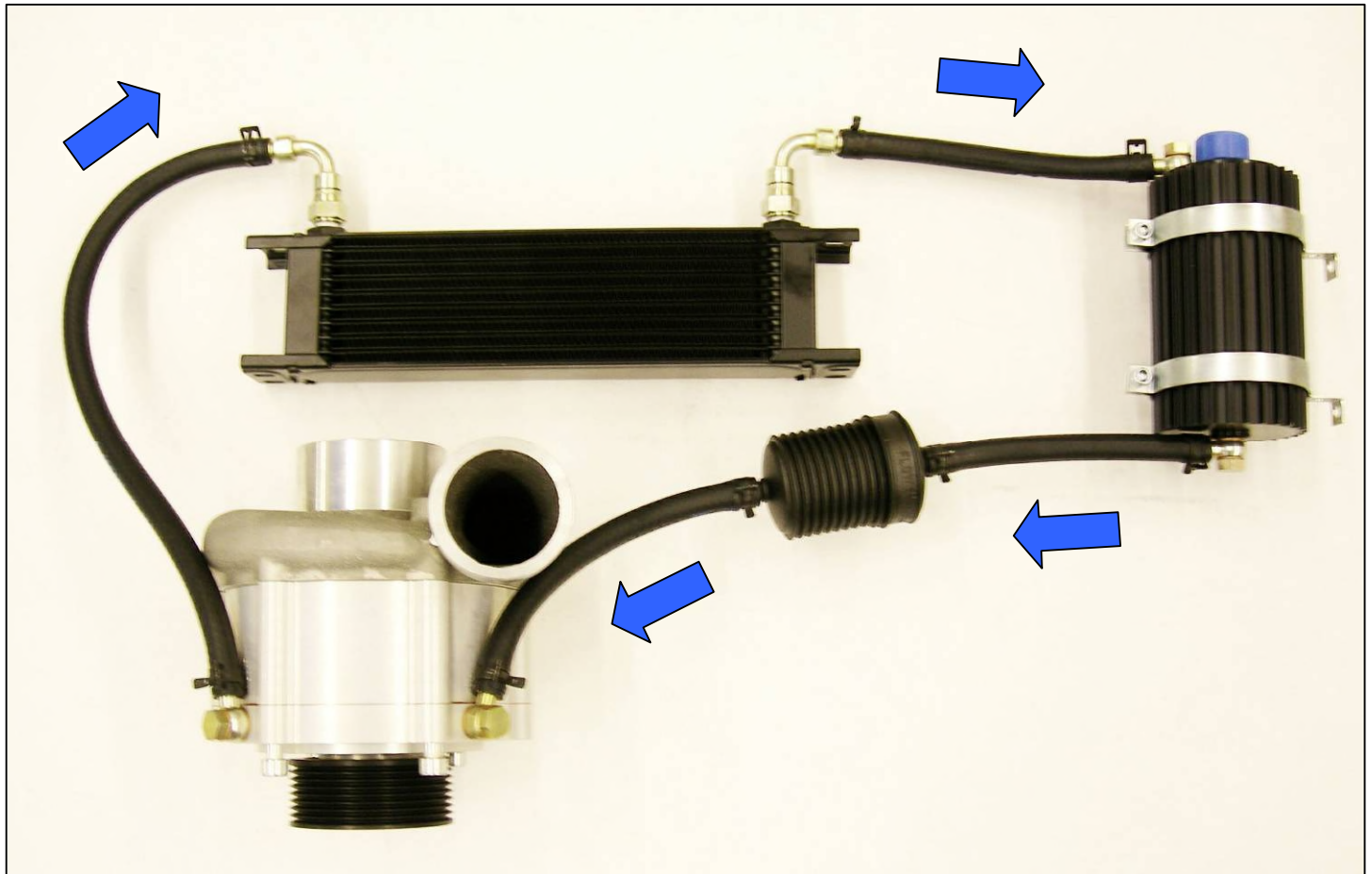


Now find a suitable place for the oil filter somewhere along the oil inlet hose. Cut the hose using a sharp knife. Again slide a hose clamp over each end of the hose.

**6**



Now press the filter studs into the hose ends as shown and secure with hose clamps. Observe the flow direction of the filter! Following the same method continue fitting the remaining part of the oil system.



The finished oil system shown above with oil flow direction as indicated by the arrows: Oil flow from the oil canister through the filter into the compressor oil inlet. The compressor oil outlet routes through the cooler before entering the oil canister at the top.