

Tech Brief

Condensers With Integral Oil Coolers

(Transmission Oil Coolers; Engine Oil Coolers; Power Steering Oil Coolers)

Part Number: Various

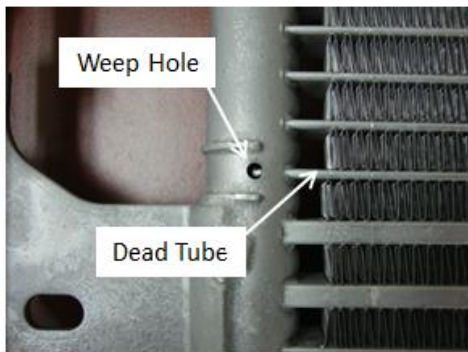


Figure 1

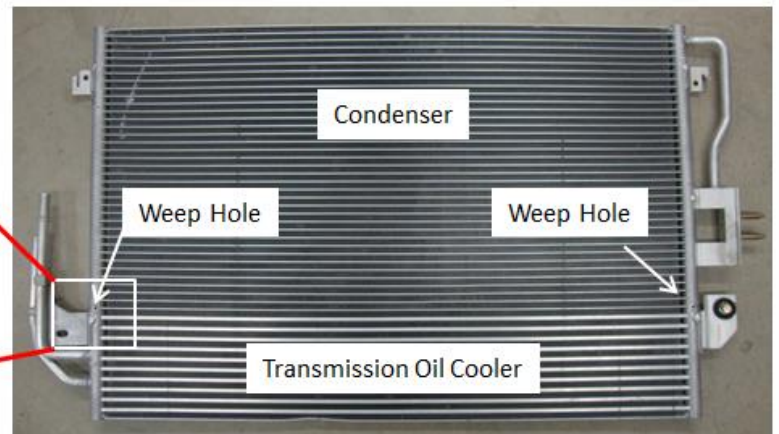


Figure 2

Scope: This tech brief covers condensers which have integral oil coolers attached (i.e. transmission oil coolers, engine oil coolers, and power steering oil coolers).

Note, you may find weep holes on both sides of the condenser as shown in Figures 1 and 2 above. These weep holes are not defects and should be left alone. In fact, they are engineered into the design of the heat exchanger on purpose, serving two very important functions:

1. Weep holes allow manufacturing to leak check both heat exchangers separately at the end of the manufacturing process, thereby ensuring that both heat exchangers are leak free.
2. Weep holes allow for a safety gap or safety cavity between the heat exchangers to prevent the possibility of AC refrigerant from ever mixing with the oil.