
DODGE RFE SERIES

DRAIN BACK ISSUES

COMPLAINT: An RFE Series transmission has delayed engagements, especially Reverse only after it sits overnight. This can happen after a rebuild or after a fluid and cooler filter change.

The following codes may or may not be stored:

- P0868 - Line Pressure Low
- P0944 - Loss Of Prime
- P0731 - Gear Ratio Error in First Gear
- P0736 - Gear Ratio Error In Reverse
- P0841 - Low Reverse Pressure Switch Rationality
- P0876 - UD Pressure Switch Rationality

CAUSE: An OEM cooler filter from the Dodge dealer is causing the drain back problem to occur after it sits overnight. ATSG ran into a similar issue years ago with substandard filters that had a rubber seal which restricted oil flow (see figures 1 and 2). This is the exact opposite. The rubber seal allows the ATF to drain down causing similar complaints and these filters came right from the Dodge dealer.

The way to check this is to fill the OEM filter with ATF over the rubber seal area as shown in figure 3. Let the filter sit overnight, if the oil drains into the filter as seen in figure 4, this filter is defective.

CORRECTION: The shop that ran into this just kept trying OEM cooler filters until one worked.

Special thanks to Jonathan Sherman for sharing this with ATSG.

**DODGE RFE SERIES
DRAIN BACK ISSUES**

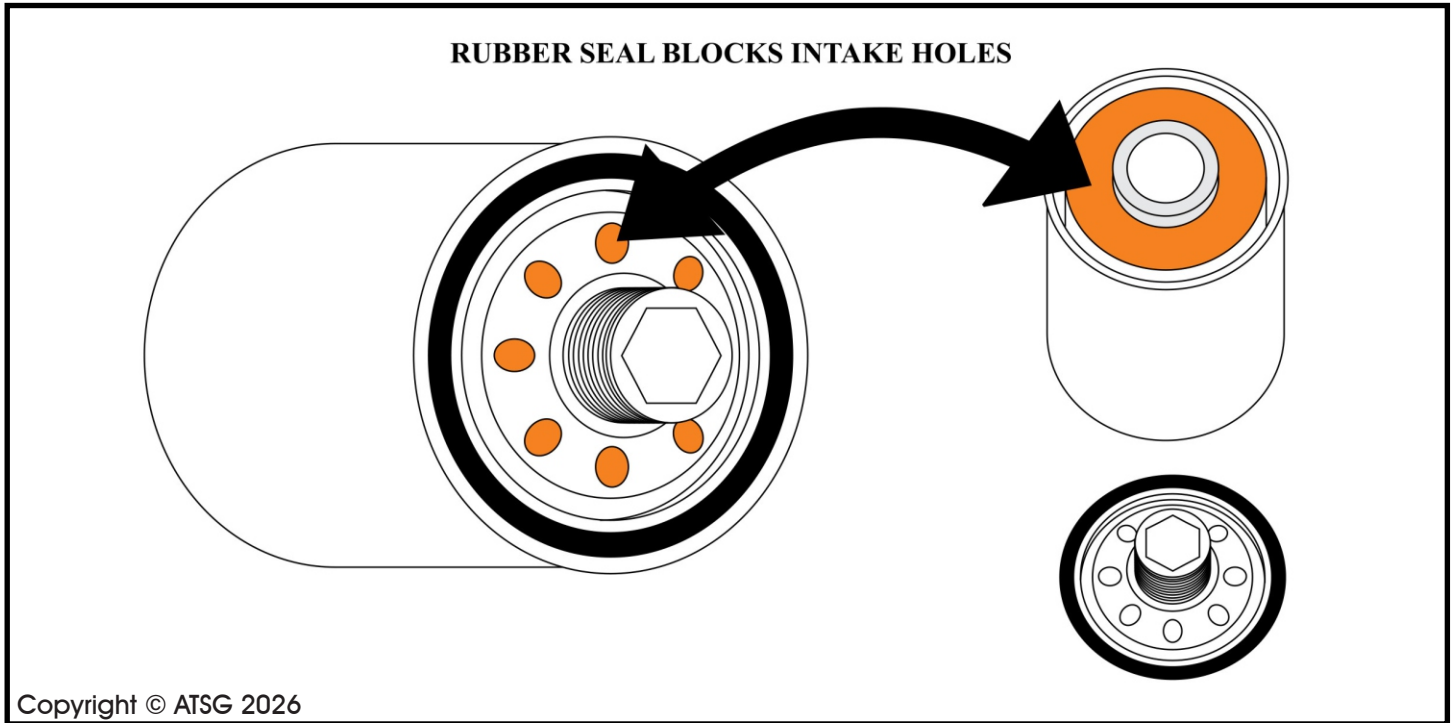


Figure 1

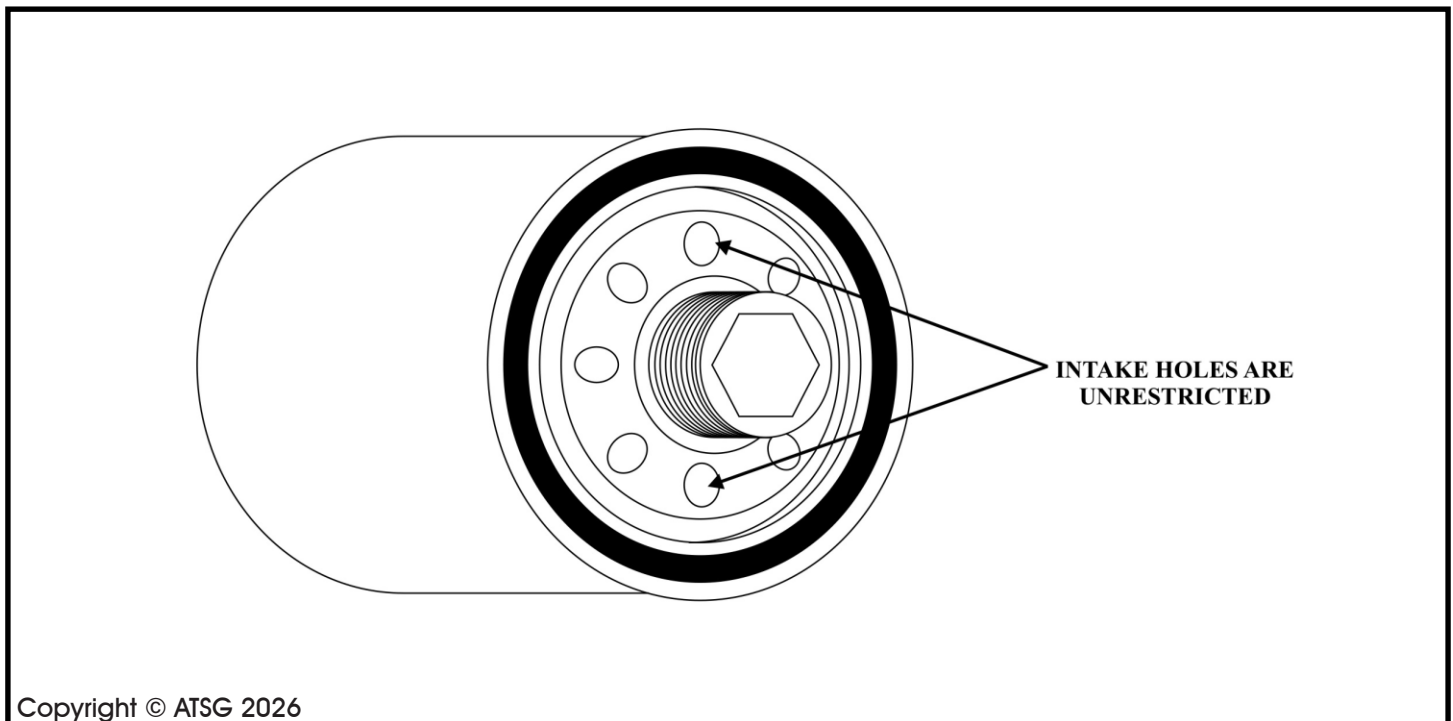


Figure 2

**DODGE RFE SERIES
DRAIN BACK ISSUES**



Figure 3

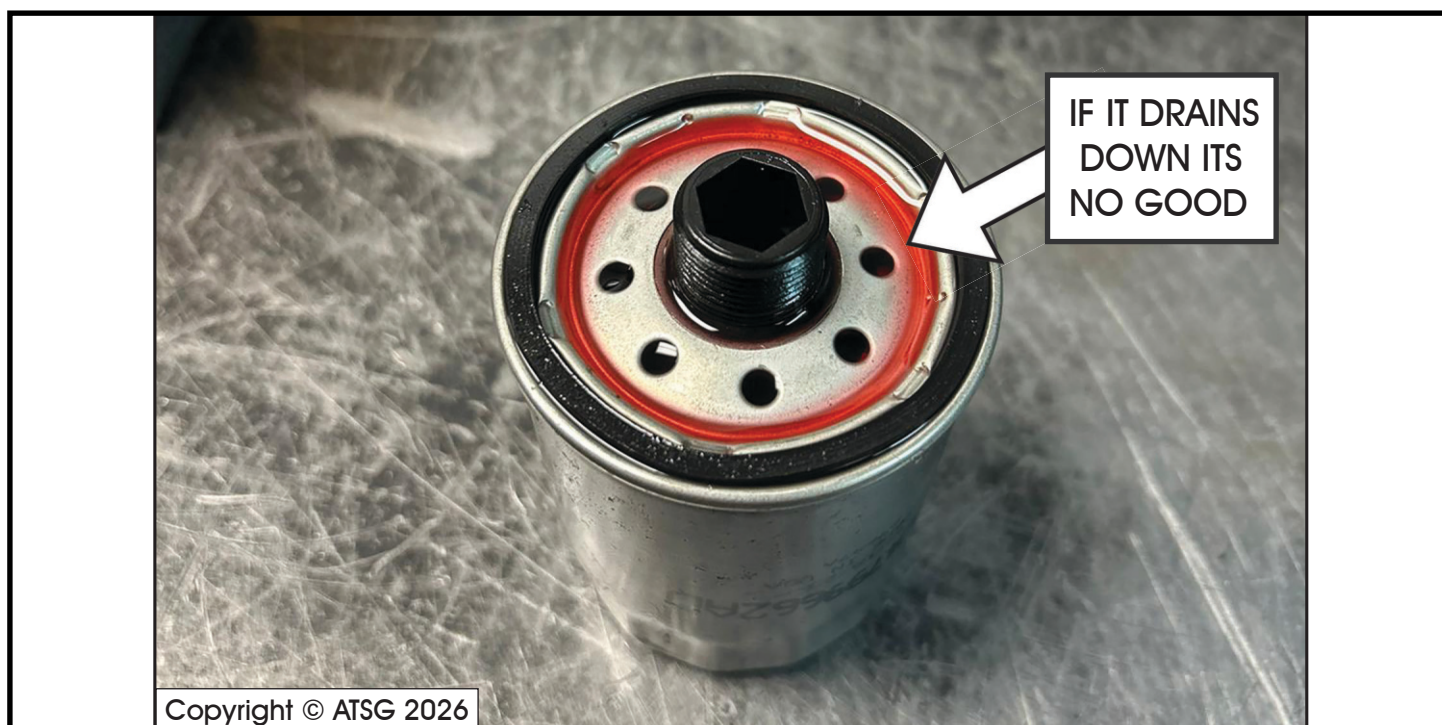


Figure 4