



# Technical Service Information

## **THM 4L60 (700-R4) TRANSMISSION OIL COOLER IDENTIFICATION**

General Motors currently installs two different types of transmission oil coolers on the inside of the radiator tank to cool the transmission fluid. (See Figure 1).

### **(1) "REGULAR DUTY" COOLER.**

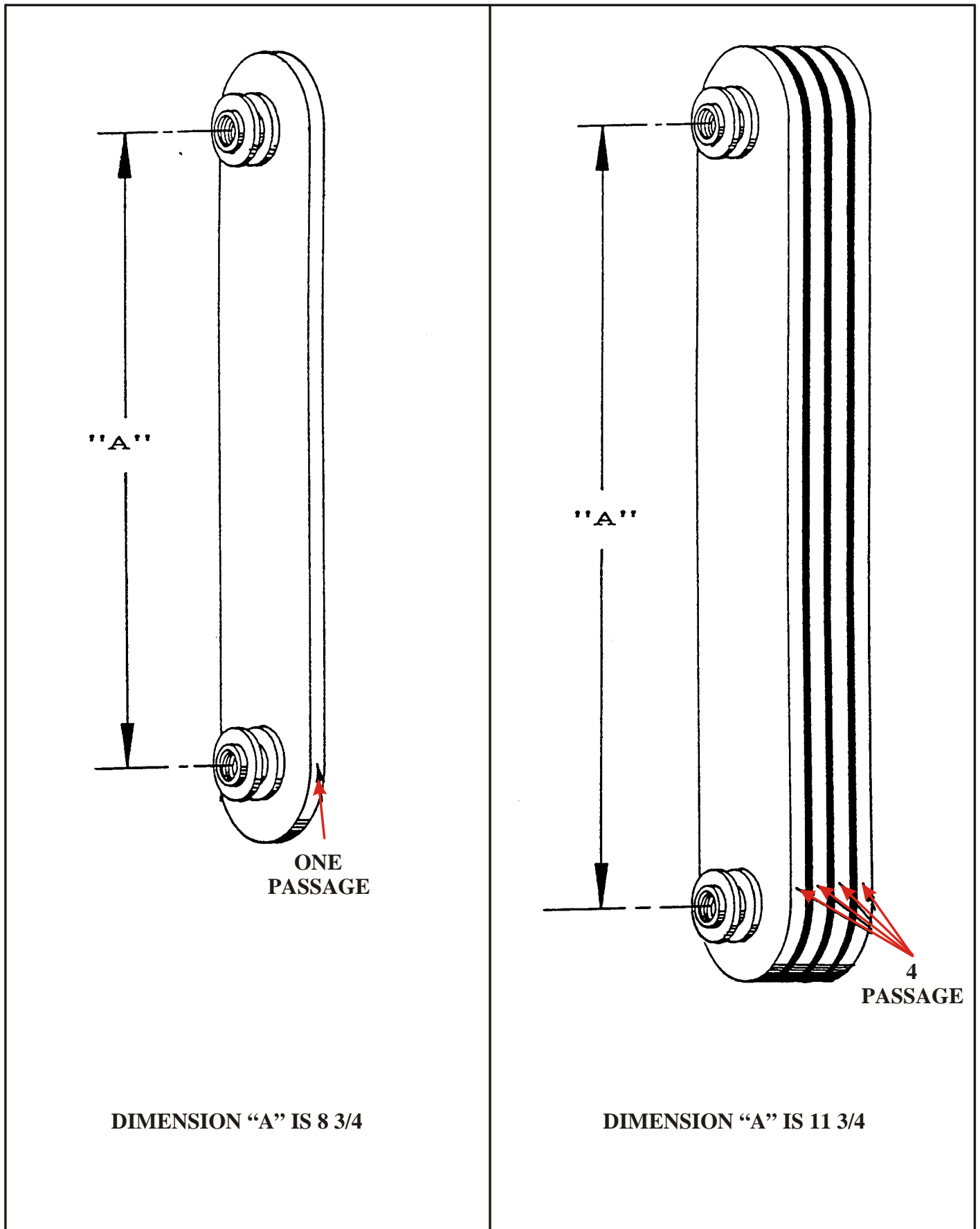
This cooler has only ONE passage that carries transmission fluid through the radiator to be cooled before returning to the transmission as lube oil, and can be easily identified externally by measuring from center to center of the cooler line fittings at the radiator. This distance on the "Regular Duty" cooler will be 8 3/4 inches (See Figure 1).

### **(2) "TRAILER TOWING PACKAGE" COOLER.**

This cooler has FOUR passages that carry transmission fluid through the radiator to be cooled before returning to the transmission as lube oil, and can be easily identified externally by measuring from center to center of the cooler line fittings at the radiator tank. This distance on the "Trailer Towing Package" cooler will be 11 3/4 inches (See Figure 1).

Obviously the "Trailer Towing Package" cooler will cool the transmission fluid four times better than the "Regular Duty" cooler. If you are having any type of transmission over-heating problems, or un-explained lube oil problems where the cooler in the radiator may be suspect, you may want to consider "Up-grading" to the larger cooler. This can be handled very easily by your local radiator shop, now that you know how to identify them externally.

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**Figure 1**