Distributor Data Sheet

All Automatics

PART NUMBERS **FM-01KA, FM-22, FM-03K**

COMPLAINT

Lube failures due to lack of cooler flow

SECONDARY COMPLAINTS

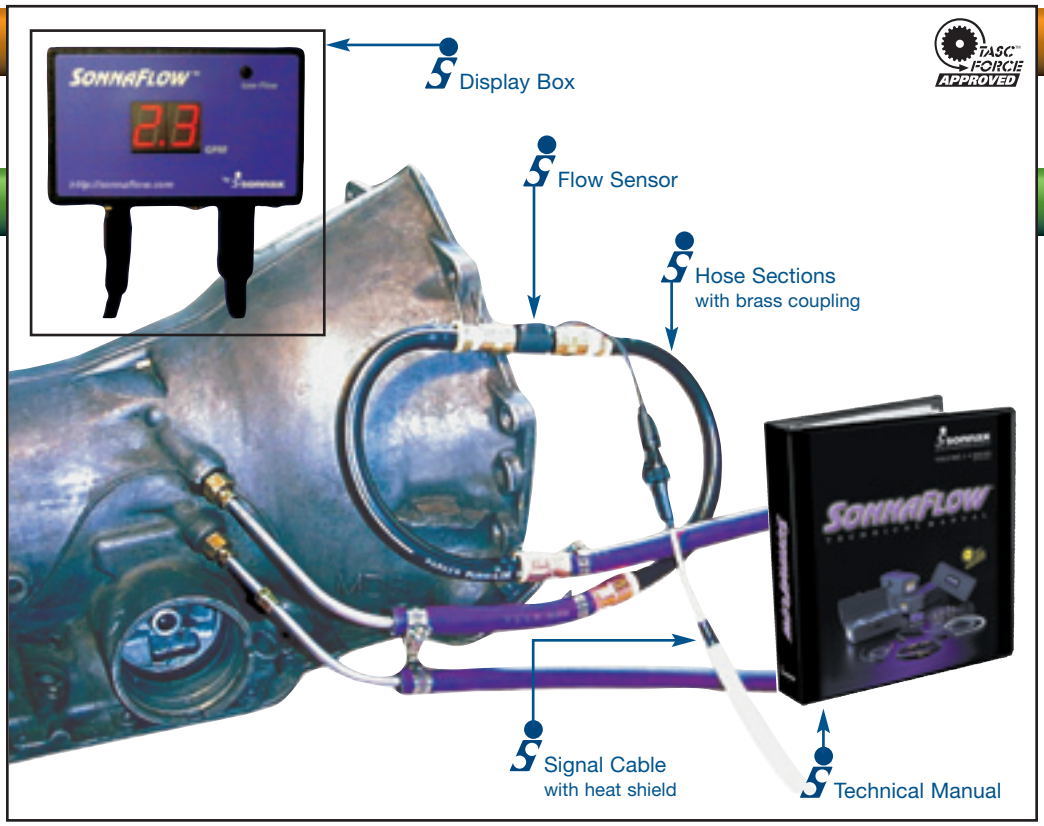
• Difficulty in diagnosing TCC control • Cooler flow needs to be verified while driving

CAUSE

Inadequate cooler flow due to blocked cooler and/or valve body problems.

CORRECTION

Temporarily install the SonnaFlow into your cooler line to verify adequate cooler/lube flow while driving the vehicle.



SonnaFlow® Flow Meter Diagnostic Tool

FM-01KA
1 Flow Meter Kit
1 Technical Manual

U.S. Patent No. 6,655,197

FM-22
1 Technical Manual

FM-03K
1 Output Signal Adapter

Consumable Splice Items:

FM-04K 5/16"

FM-05K 3/8"

Each kit includes the following
10 Hose Splices
20 Hose Clamps

Replacement Items:

FM-06K
1 Hanging Bracket
1 Suction Cup

FM-14
1 Signal Cable

FM-15
1 SonnaFlow® Display Box

FM-16
1 SonnaFlow® Power Cord

FM-ASSY2
1 Flow Sensor

Sonnax Part Summary

Sonnax offers the SonnaFlow® diagnostic tool for measuring ATF cooler flow rates. The SonnaFlow tool kit includes a meter with large display numbers and a low-flow warning light, technical manual, a starter kit of fittings, a detachable power cord and 12-foot insulated signal cable, and durable electrical connectors. This tool measures ATF flow in gallons per minute, and can be connected to a lab scope or used with a dynamometer. The SonnaFlow meter is spliced into the return line from the radiator to the transmission case, and should be removed after testing. The SonnaFlow is not meant for permanent installation or for prolonged use. It can be installed in any vehicle, whether the cooler return line is made of rubber or metal (metal return lines require a separate adapter). The power cord connects to the cigarette adapter or can be modified for direct connection to the fuse box or to the battery. This diagnostic tool provides a reliable and accurate way to detect flow-related transmission problems. The SonnaFlow can even measure ATF flow during vehicle road tests.

Features & Benefits

- Verifies cooler flow under actual driving conditions.
- Can be used to verify valve stroke and hydraulic response to commands.
- Technical manual provides typical normal and poor cooler flow parameters for most common transmission applications.
- Updated technical manual charts available online at **www.sonnax.com**.

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