

COMPLAINT

SECONDARY COMPLAINTS

Delayed engagement, lube failures

- No cooler flow in park • Pump or converter hub bushing spin-out and/or converter overheating

CAUSE

Line pressure exhausts and does not charge the converter when the selector lever is in park.

CORRECTION

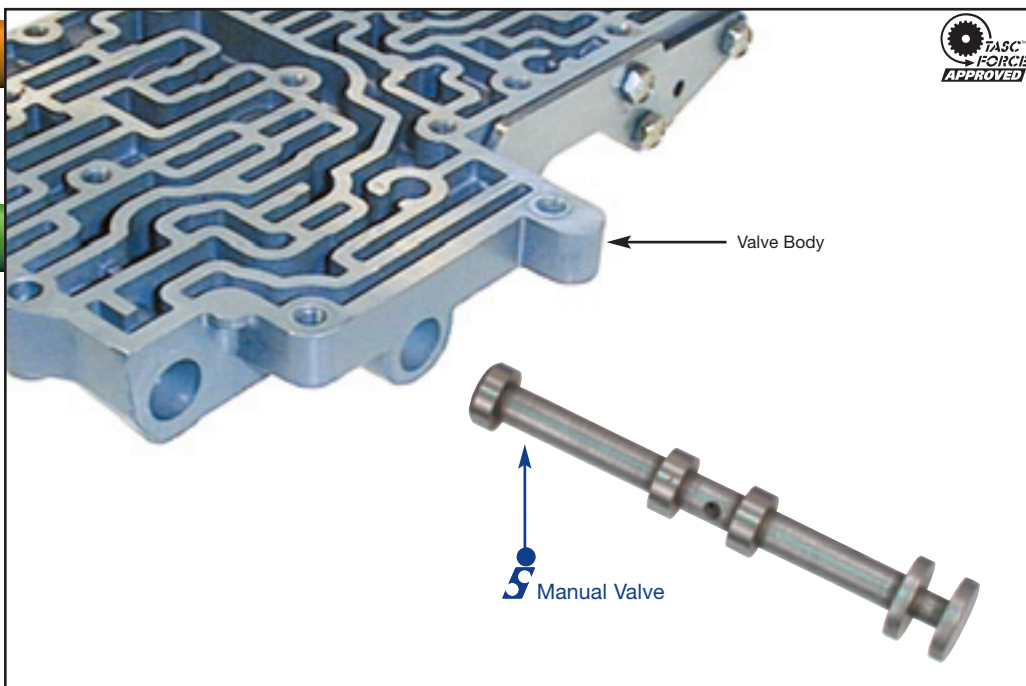
This redesigned manual valve blocks line circuit oil from exhausting to the sump, increases converter charge pressure in park, and also redirects exhaust flow and reduces sump cavitation.

Manual Valve

41750-03

1 Manual Valve

Note: Not recommended for some Hyundai applications. Do not use with .218" (5.5mm) ball in pump. Valve is calibrated to work with all units with .312" (8mm) ball in pump.



Sonnax Part Summary

Many KM Series Mitsubishi transmissions experience loss of converter charge and cooler flow in Park. This often creates delayed engagement in cold conditions. The end result is seen as lube failures, pump or converter hub bushing spin-out and/or converter overheating. These complaints are generally caused by line pressure exhausting and not charging the converter when the selector lever is in park. Sonnax now offers a redesigned manual valve 41750-03.

Features & Benefits

- Manual valve blocks some line circuit oil from exhausting to the sump, which increases converter charge pressure in park.
- Redesigned manual orifice redirects the exhaust flow and reduces sump cavitation.

41750-03 FITS THE FOLLOWING KM/MITSUBISHI APPLICATIONS:

KM DESIGNATION	MISTUBISHI DESIGNATION	DESCRIPTION
KM-175-1	N/A	4-speed '85-'89 4 cyl. Galante
KM-175-5	F4A22	4-speed '89-'92
KM-176	F4A21	4-speed Summit '89-'92
KM-177	N/A	4-speed Galante 87-5/88
KM-177-8	F4A23	4-speed 6/88-'98
A4AF1	F4A32	4-speed '93-Up opposite side diff
N/A	F4A33-1	4-speed '91 & up
N/A	W4A32-1	4-speed AWD '92-'97 not Laser, Talon or Eclipse
N/A	W4A33-1	4-speed AWD '91-Up Laser, Talon or Eclipse

Note: 41750-03 is not recommended for some Hyundai applications.