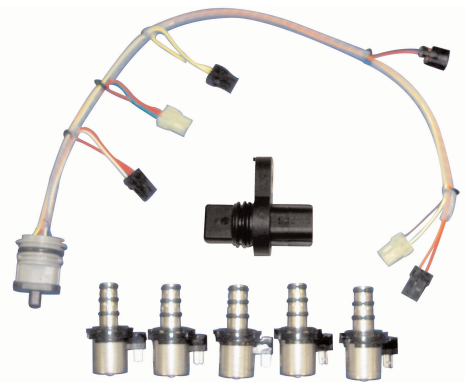


ELECTRICAL COMPONENTS

INSTALLATION INSTRUCTIONS

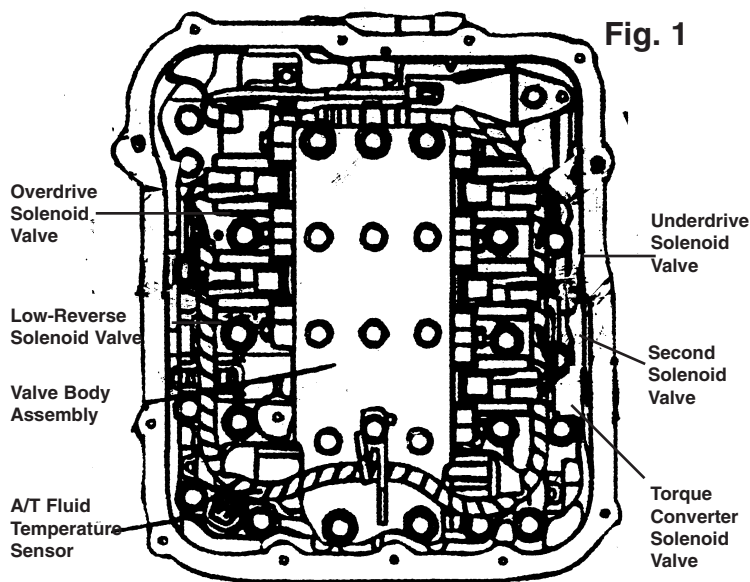
MS KM-40/50 H Super Master Solenoid Kit '96-'2004



IMPORTANT: This kit fits the front wheel drive four speed KM transaxles F4A41, F4A42 and F4A51. Temperature Sensor TOT 41437A Included in Kit.

REMOVAL

1. Remove the side cover from the transaxle. You will see in figure A once the side pan is removed. This diagram shows the position of the solenoids. All the solenoids are the same.



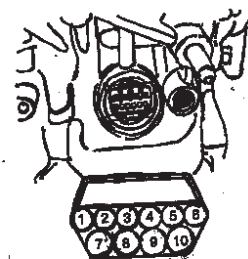
2. Disconnect the connector located outside the case under the manual arm.
3. Remove the manual valve spring to make removing the case plug easier.
4. Remove the case plug from the transaxle case.
5. Disconnect the harness from the solenoids.
6. Unclip the harness from the temp sensor.
7. Remove the bolts retaining the solenoids.
8. Remove the solenoids from the valve body making sure none of the valves come out. If they do mark which bore they came out of.

INSTALL

1. Install the solenoids, remembering to replace any valves that may have come out first.
2. Reinstall the bolts retaining the solenoids.
3. Take the new harness and install the case plug end into the transaxle case using some lithium grease so you don't damage the O-ring.
4. Reconnect the solenoids to the new harness being careful not to cross the plugs. If you have any questions see chart below.

Figure 2.

Terminal#	Name	Resistance
1&2 at 32F	Temperature sensor	16.7-20.5 ohms
1&2 at 212F	Temperature sensor	.57-.69 ohms
3&9	Underdrive solenoid	2.7-3.4 ohms
4&9	Second solenoid	at room temp.
5&9	Overdrive solenoid	
6&10	Low and Rev solenoid	
7&10	Damper clutch solenoid	



5. Don't forget to reconnect the temperature sensor.
6. Reinstall the manual valve spring with its bolt.
7. Reconnect the B-38 connector outside the case.
8. Install a new side cover gasket and bolt the side cover back on.
9. Check the fluid level and add as needed.