

## SECTION 7

# AUTOMATIC/MANUAL TRANSMISSION GENERAL INFORMATION

### CONTENTS

General Description.....	7-1	Section 7B - Manual Transmission	
Section 7A - Automatic Transmission		On-Vehicle Service.....	7-1
On-Vehicle Service.....	7-1	Section 7B-4B - (2WD) or 7B-11 (4WD)	
Section 7A-10A - (03-72LE 4-Speed) or 7A-11A		Manual Transmission Unit Repair .....	7-2
(3L30 3-Speed) Automatic Transmission		Section 7C - Clutch.....	7-2
Diagnosis .....	7-1	Section 7D - Transfer Case.....	7-2
Section 7A-10B - (03-72LE 4-Speed) Automatic		Section 7D - Transfer Case Unit Repair .....	7-2
Transmission Unit Repair .....	7-1		
Section 7A-11B - (3L30 3-Speed) Automatic			
Transmission Unit Repair .....	7-1		

### GENERAL DESCRIPTION

Section 7 contains information on where to locate on vehicle service, unit repair and diagnostic procedures for the automatic transmission assemblies, manual transmission assemblies and transfer case.

#### SECTION 7A - AUTOMATIC TRANSMISSION ON-VEHICLE SERVICE

Refer to SECTION 7A in this manual for On-Vehicle-Service. This section contains information on transmission identification, fluid level checking procedures and specific information for servicing some components while the transmission is in the vehicle. This section also contains procedures for the removal and installation of the transmission from the vehicle.

#### SECTION 7A-10A - (03-72LE 4-SPEED) or 7A-11A (3L30 3-SPEED) AUTOMATIC TRANSMISSION DIAGNOSIS

Refer to BOOK 2 for Automatic Transmission Diagnosis. These sections contain information to assist in diagnosing automatic transmission operating conditions when the unit is in the vehicle. The diagnosis covers: road test procedures, shift speed charts, pressure check procedures, diagnostic charts, electrical wiring diagrams, automatic transmission oil passage identification and torque converter clutch diagnosis.

For fluid flow diagrams and circuits descriptions, refer to the Transmission/Transaxle/Transfer Case Unit Repair Manual.

#### SECTION 7A-10B - (03-72LE 4-Speed) AUTOMATIC TRANSMISSION UNIT REPAIR

Refer to SECTION 7A-10B in this manual for unit repair procedures. This section contains the disassembly, inspection, overhaul and assembly procedures for the mechanical components on the automatic transmission. It also includes information on gaging certain components, proper use of special tools, and torque specifications required for assembly.

#### SECTION 7A-11B- (3L30 3-Speed) AUTOMATIC TRANSMISSION UNIT REPAIR

Refer to the Transmission/Transaxle/Transfer Case Unit Repair Manual. This manual contains the disassembly, inspection, overhaul and assembly procedures for the mechanical components in the transmission. Also included is the information on the gaging of certain components, proper use of special tools and torque specifications required for assembly.

#### SECTION 7B - MANUAL TRANSMISSION ON-VEHICLE SERVICE

Refer to SECTION 7B in this manual for On-Vehicle Service. This section contains information on transmission identification, fluid level checking procedures and specific information for servicing some components while the transmission is in the vehicle. This section also contains procedures for the removal and installation of the transmission from the vehicle.





































































































































































