

23A AUTOMATIC TRANSMISSION

CONTENTS

SERVICE SPECIFICATIONS

LUBRICANT

SPECIAL TOOLS

TROUBLESHOOTING

STANDARD FLOW OF DIAGNOSIS
TROUBLESHOOTING

DIAGNOSIS FUNCTION

ROAD TEST

SHIFT PATTERN

INSPECTION CHART FOR DIAGNOSIS CODES

INSPECTION PROCEDURES FOR DIAGNOSIS
CODES

INSPECTION CHART FOR TROUBLE
SYMPTOMS

INSPECTION PROCEDURE FOR TROUBLE
SYMPTOMS

SERVICE DATA REFERENCE TABLE

ACTUATOR TEST JUDGEMENT VALUE

INVECS-II CANCEL COMMAND

CHECK AT ENGINE A/T-ECU TERMINALS

OSCILLOSCOPE INSPECTION PROCEDURE

ON-VEHICLE SERVICE

AUTOMATIC TRANSMISSION FLUID CHECK

AUTOMATIC TRANSMISSION FLUID
REPLACEMENT

THROTTLE POSITION SENSOR ADJUSTMENT

INHIBITOR SWITCH CONTINUITY CHECK

INHIBITOR SWITCH AND CONTROL CABLE
ADJUSTMENT

A/T CONTROL COMPONENT LOCATION

A/T CONTROL COMPONENT CHECK

TORQUE CONVERTER STALL TEST

HYDRAULIC PRESSURE TEST

HYDRAULIC CIRCUIT

LINE PRESSURE ADJUSTMENT

SELECTOR LEVER OPERATION CHECK

WARNINGS REGARDING SERVICING OF SUPPLEMENTAL RESTRAINT SYSTEM (SRS) EQUIPPED VEHICLES

WARNING!

- (1) Improper service or maintenance of any component of the SRS, or any SRS-related component, can lead to personal injury or death to service personnel (from inadvertent firing of the air bag) or to the driver and passenger (from rendering the SRS inoperative).
- (2) If it is possible that the SRS components are subjected to heat over 93°C in baking or drying after painting, remove the SRS components (air bag module and SRS-ECU) beforehand.
- (3) Service or maintenance of any SRS component or SRS-related component must be performed only at an authorised MITSUBISHI dealer.
- (4) MITSUBISHI dealer personnel must thoroughly review this manual, and especially its GROUP 52B – Supplemental Restraint System (SRS) and GROUP 00 – Maintenance Service before beginning any service or maintenance of any component of the SRS or any SRS-related component.

NOTE

Section titles with the asterisk (*) in the table of contents in each group indicate operations requiring warnings.

TRANSMISSION CONTROL

REMOVAL AND INSTALLATION

INSTALLATION SERVICE POINT

SELECTOR LEVER ASSEMBLY <MAGNA>

SELECTOR LEVER ASSEMBLY <VERADA>

Checking

TRANSMISSION ASSEMBLY

REMOVAL AND INSTALLATION

REMOVAL SERVICE POINTS

INSTALLATION SERVICE POINTS