# LANCER EVOLUTION VIII

# WORKSHOP MANUAL

## FOREWORD

This Workshop manual contains procedures for service mechanics, including removal, disassembly, inspection, adjustment, reassembly and installation. Use the following manuals in combination with this manual as required.

| | |
|---|---|
| TECHNICAL INFORMATION MANUAL | IEVE04E1 |
| WORKSHOP MANUAL | |
| BODY REPAIR MANUAL | BEVE04E1 |
| PARTS CATALOGUE | B606K004A |

All information, illustrations and product descriptions contained in this manual are current as at the time of publication. We, however, reserve the right to make changes at any time without prior notice or obligation.

## GROUP INDEX


General . . . . . 00
Engine . . . . . 11
Engine Lubrication . . . . . 12
Fuel . . . . . 13
Engine Cooling . . . . . 14
Intake and Exhaust . . . . . 15
Engine Electrical . . . . . 16
Engine and Emission Control . . . . . 17
Clutch . . . . . 21
Manual Transmission . . . . . 22
Propeller Shaft . . . . . 25
Front Axle . . . . . 26
Rear Axle . . . . . 27
Wheel and Tyre . . . . . 31
Power Plant Mount . . . . . 32
Front Suspension . . . . . 33
Rear Suspension . . . . . 34
Service Brakes . . . . . 35
Parking Brakes . . . . . 36
Power Steering . . . . . 37
Body . . . . . 42
Exterior . . . . . 51
Interior and Supplemental Restraint System (SRS) . . . . . 52
Chassis Electrical . . . . . 54
Heater, Air Conditioner and Ventilation . . . . . 55
Single Part Installation Position . . . . 70
Wiring Harness Configuration Diagrams . . . . . 80
Circuit Diagrams . . . . . 90



MITSUBISHI MOTORS CORPORATION



©Mitsubishi Motors Europe B.V.



Feb. 2004

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

***(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) The SRS components and seat belt with pretensioner should not be subjected to heat, so remove the SRS-ECU, driver's and front passenger's air bag modules, clock spring, side air bag modules, and seat belt -pre-tensioner before drying or baking the vehicle after painting.***

- ***SRS-ECU, air bag module and clock spring 93°C or more***
- ***Seat belt with pre-tensioner: 90°C or more***

***(3) Service or maintenance of any SRS component or SRS-related component must be performed only at an authorized MITSUBISHI dealer.***

***(4) MITSUBISHI dealer personnel must thoroughly review this Manual, and especially its GROUP 52B - Supplemental Restraint System (SRS), before beginning any service or maintenance of any component of the SRS or any SRS-related component.***

NOTE

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