



# Your PDF Guides

You can read the recommendations in the user guide, the technical guide or the installation guide for MITSUBISHI LANCER EVOLUTION-V. You'll find the answers to all your questions on the MITSUBISHI LANCER EVOLUTION-V in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

User manual MITSUBISHI LANCER EVOLUTION-V  
User guide MITSUBISHI LANCER EVOLUTION-V  
Operating instructions MITSUBISHI LANCER EVOLUTION-V  
Instructions for use MITSUBISHI LANCER EVOLUTION-V  
Instruction manual MITSUBISHI LANCER EVOLUTION-V

22A-1

## MANUAL TRANSMISSION

### CONTENTS

LUBRICANTS .....	2	TRANSMISSION CONTROL* .....	4
SPECIAL TOOLS .....	2	Shift Lever Assembly .....	6
ON-VEHICLE SERVICE .....	3	TRANSMISSION ASSEMBLY .....	7
1. Transmission Oil Check .....	3	TRANSFER ASSEMBLY .....	10
2. Transmission Oil Replacement .....	3		
3. Transfer Oil Check .....	3		
4. Transfer Oil Replacement .....	3		

**WARNING REGARDING SERVICING OF SUPPLEMENTAL RESTRAINT SYSTEM (SRS) EQUIPPED VEHICLES**  
(1) Thoroughly review this manual, especially GROUP 52B - Supplemental Restraint System (SRS) before beginning any service or maintenance of any component of the SRS or any SRS-related component.  
(2) When removing or installing the components indicated in the table of contents by an asterisk (\*), use special care not to apply shocks to SRS-related components.



[You're reading an excerpt. Click here to read official MITSUBISHI LANCER EVOLUTION-V user guide](http://yourpdfguides.com/dref/2823619)  
<http://yourpdfguides.com/dref/2823619>

**Manual abstract:**

.....  
.....  
.....  
..... 2 SPECIAL TOOLS .....

.....  
.....  
.....  
2 ON-VEHICLE SERVICE .....

..... 3 1. 2.  
3. 4. Transmission Oil Check ...  
.....  
..... 3 Transmission Oil Replacement . .

..... 3 Transfer Oil Check ..  
.....  
.....  
..... 3 Transfer Oil Replacement ..

.....  
.. 3 TRANSMISSION CONTROL\* ...  
.....  
..... 4 Shift Lever Assembly .....

.....  
.....  
.. 6 TRANSMISSION ASSEMBLY ...  
.....

7 TRANSFER ASSEMBLY .....

.....  
. @@@@TRANSMISSION OIL CHECK (1) Remove the oil filler plug. (2) Oil level should be at the lower portion of the filler plug hole. (3) Check that the transmission oil is not noticeably dirty, and that it has a suitable viscosity. (4) Tighten the filler plug to the specified torque.  
Tightening torque: 32 Nm {3.3 kgf@m} 2. TRANSMISSION OIL REPLACEMENT Filler plug (1) Remove the drain plug to drain oil. (2) Tighten the drain plug to the specified torque. Tightening torque: 32 Nm {3.3 kgf@m} (3) Remove the filler plug and fill with specified oil till the level comes to the lower portion of filler plug hole. Drain plug Transmission oil Specified oil: MITSUBISHI genuine "Dia-Queen" multi gear oil <75W/85W> Quantity: 2.8 dm<sup>3</sup> (2.8 ) (4) Tighten the filler plug to the specified torque. Tightening torque: 32 Nm {3.

3 kgf@m} 3. TRANSFER OIL CHECK (1) Remove the oil filler plug. (2) Oil level should be at the lower portion of the filler plug hole. (3) Check that the transmission oil is not noticeably dirty, and that it has a suitable viscosity. (4) Tighten the filler plug to the specified torque. Tightening torque: 32 Nm {3.3 kgf@m} Filler plug 4. TRANSFER OIL REPLACEMENT Drain plug (1) Remove the drain plug to drain oil. (2) Tighten the drain plug to the specified torque. Tightening torque: 32 Nm {3.

3 kgf@m} (3) Remove the filler plug and fill with specified oil till the level comes to the lower portion of filler plug hole. Transfer oil Transfer oil Specified oil: MITSUBISHI genuine "Dia-Queen Super" hypoid gear oil (GL-5) Quantity: 0.62 dm<sup>3</sup> (0.62 ) (4) Tighten the filler plug to the specified torque. Tightening torque: 32 Nm {3.

3 kgf@m} 22A-4 MANUAL TRANSMISSION Transmission Control TRANSMISSION CONTROL REMOVAL AND INSTALLATION Pre-removal and Post-installation Operation D Air Cleaner Assembly Removal and Installation Caution: SRS Be careful not to subject the SRS-ECU to any shocks during removal and installation of the shift cable and select cable assembly. 8 12 {1.2} 9 6 10 8 11 4 7 12 5 1 2 3 12 {1.2} 14 13 Unit: Nm {kgf@m} Shift cable and select cable assembly removal steps 1. Shift knob 2.

Spring washer 3. Nut D Front floor console (Refer to GROUP 52.) 4. Snap pin 5. Select cable connection (Shift lever side) 6. Clip 7. Shift cable connection (Shift lever side) 8. Snap pin 9. Select cable connection (Transmission side) 10. Shift cable connection (Transmission side) 11.

Shift cable and select cable assembly Shift lever assembly removal steps "BA 1. Shift knob "BA 2. Spring washer "BA 3. Nut D Front floor console (Refer to GROUP 52.) 4. Snap pin 5. Select cable connection (Shift lever side) 6. Clip 7. Shift cable connection (Shift lever side) 12. Shift lever assembly 13.

Distance piece 14. @@@@Then turn more to adjust the shift pattern on the shift knob. @@Bolt 2. Select lever 3. Bushing 4.

Return spring 5. Collar 6. 7. 8. 9.

@@Shift cable and select cable connection 2. Backup lamp switch connector 3. Vehicle speed sensor connector 4. Starter motor 5. Clutch release cylinder connection 6. Transmission assembly upper part coupling bolts 7. Transmission mount bracket 8. @@Stabilizer bar connection 10. Wheel speed sensor cable connection <Vehicles with ABS> 11. Brake hose clamp 12.

Tie rod end connection 13. @@Centermember assembly 15. Drive shaft <LH> connection 16. @@Output shaft D Air hose A (Refer to GROUP 15 Intercooler.) 18. Transmission assembly lower part coupling bolts 19. @@@@@@@NOTE The release fork is forced to move fully in the direction B by the return spring as soon as it is separated from the wedge collar. Service hole Wedge collar Release bearing Caution If it is hard to turn the screwdriver (to pry off the release bearing), remove the screwdriver once and repeat the above procedure after pushing the release fork fully in the direction A two to three

times. Forcibly prying can cause the release bearing to be damaged. AB" DRIVE SHAFT <LH> / DRIVE SHAFT <RH> DISCONNECTION (1) To disconnect the left-hand drive shaft, insert a lever as shown and pry out the shaft from the transmission.

To disconnect the right-hand drive shaft, apply a lever and a hammer as shown and lever out the shaft from the transfer assembly using the hammer as a fulcrum. NOTE Remove the drive shafts with the hub and knuckle attached. Caution Do not attempt to pull out the drive shaft from the BJ in this stage since it can cause the TJ to be damaged. Be sure to remove the drive shaft first from the transmission side using a lever. (2) Suspend the removed drive shaft with a wire so that there are no sharp bends in any of the joints.

Transmission side Lever Projection Lever Hammer MB990211 MB991612 AC" OUTPUT SHAFT REMOVAL (1) Use the special tools (MB991612, MB990211) to remove the output shaft. (2) Use a shop towel to cover the transmission case not to let foreign material get into it. Output shaft Transmission case 22A-10 MANUAL TRANSMISSION Transfer Assembly TRANSFER ASSEMBLY REMOVAL AND INSTALLATION Pre-removal and Post-installation Operation D Transmission Oil Draining and Supplying (Refer to P.22A-3.) D Transfer Oil Draining and Supplying (Refer to P. 22A-3.) D Front Exhaust Pipe Removal and Installation (Refer to GROUP 15.) Gear oil: MITSUBISHI genuine "Dia-Queen Super" hypoid gear oil (GL-5) 69 {7.0} 2 1 Unit: Nm {kgf@m} Removal steps D Drive shaft (Refer to P.22A-9.) D Output shaft (Refer to P.22A-9.) 1. Front propeller shaft (Refer to GROUP 25) 2. @@.



[You're reading an excerpt. Click here to read official MITSUBISHI LANCER EVOLUTION-V user guide](http://yourpdfguides.com/dref/2823619)  
<http://yourpdfguides.com/dref/2823619>