SERVICE BULLETIN

MITSUBISHI MOTORS

GLOBAL AFTER SALES OFFICE, MITSUBISHI MOTORS CORPORATION

PURPOSE : INFORMATION	ISSUE NO. : MSB-13E01-001	DATE : 2013-06-17
SUBJECT : Pre-delivery inspection & Periodic maintenance manual		<Destination/Model> (EUR/RUSSIA) <M/Y> 13-14
GROUP : PRE-DELIVERY INSPECTION(Gr:01)		AS PER ATTACHED :

1. Description :

See the attached document for the information about the change of mention in the applicable service manual. (Item No.3 "WHEEL" is added in the page "1-11")

2. Applicable service manual :

See the attached document (The service manual for Russia is "N/A")

3. Details :

See the attached document

Applicable manual	Pub. No.
2013 PAJERO Pre-delivery inspection and Periodic maintenance manual	CBKE13E2-CD(ENG) CBKF13E2-CD(FRE) CBKS13E2-CD(SPA) CBKG13E2-CD(GER) CBKI13E2-CD(ITA)
2013.5 i-MiEV Pre-delivery inspection and Periodic maintenance manual	CHAE14E1-CD(ENG) CHAF14E1-CD(FRE) CHAG14E1-CD(GER) CHAS14E1-CD(SPA) CHAI14E1-CD(ITA)
2013 SPACE STAR Pre-delivery inspection and Periodic maintenance manual	CA0E13E1-CD(ENG) CA0S13E1-CD(SPA) CA0F13E1-CD(FRE) CA0G13E1-CD(GER) CA0I13E1-CD(ITA)
2014 LANCER/ LANCER SPORTBACK Pre-delivery inspection and Periodic maintenance manual	CG1E14E1-CD(NEG) CG1F14E1-CD(FRE) CG1G14E1-CD(GER) CG1S14E1-CD(SPA) CG1I14E1-CD(ITA)
2014 LANCER EVOLUTION Pre-delivery inspection and Periodic maintenance manual	CGEE14E1-CD(ENG) CGEF14E1-CD(FRE) CGEG14E1-CD(GER) CGES14E1-CD(SPA) CGEI14E1-CD(ITA)
2014 L200 Pre-delivery inspection and Periodic maintenance manual	CCRE14E2-CD(ENG) CCRS14E2-CD(SPA CCRF14E2-CD(FRE) CCRG14E2-CD(GER) CCRI14E2-CD(ITA)-
2014 OUTLANDER/ OUTLANDER PHEV Pre-delivery inspection and Periodic maintenance manual	CGFE14E1-CD(ENG) CGFF14E1-CD(FRE) CGFG14E1-CD(GER) CGFS14E1-CD(SPA) CGFI14E1-CD(ITA)
2014 NATIVA/PAJERO SPORT/MONTERO SPORT Pre-delivery inspection and Periodic maintenance manual	MSB-13EXL00-002 (Service bulletin)

GROUP 1

PRE-DELIVERY INSPECTION

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NOTES CONCERNING ENTRIES

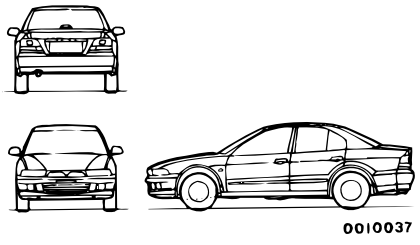
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This section describes the details and the inspection methods employed for the pre-delivery inspection of vehicles.
The inspection should be conducted according to the sequence described in the TABLE OF PRE-DELIVERY INSPECTION.
Inspection methods are described following the TABLE OF PRE-DELIVERY INSPECTION.

NOTE: The spaces for model, C/# (Chassis number), E/# (engine number), aggregate distance travelled in kilometres (miles), date of inspection, name of person conducting the inspection, and body colour must be completed without fail.

NOTE: The spaces for place of inspection, and name of owner should be completed as required.

TABLE OF PRE-DELIVERY INSPECTION



Model	
Chassis number	
Engine number	
Distance Travelled	km
Owner	
Date of inspection	
Place of inspection	
Inspector	
Body colour	

Symbols to be used					
√	Good	A	Needs adjustment	T	Needs retightening
C	Needs cleaning	L	Needs replenishment of lubricant, water, etc.	X	Needs replenishment of repair

INSPECTION PROCEDURE

First Step

1. ☐ Connection of the dark current connector

Body

2. ☐ Wrap film
3. ☐ Exterior
4. ☐ Operation of door locking systems and door hinges
5. ☐ Operation of door mirrors, windows and sunroof

Under Hood

6. ☐ Engine oil level
7. ☐ Brake master cylinder fluid level
8. ☐ Clutch master cylinder fluid level
9. ☐ Washer fluid level
10. ☐ Battery condition and connections
11. ☐ Power steering fluid level
12. ☐ Electrical wiring

Under Vehicle

13. ☐ Tyre and spare tyre pressures
14. ☐ Suspension system
15. ☐ Steering linkage and split pins
16. ☐ Under body

Before Road Test

17. ☐ Seat adjusters and seat back latches
18. ☐ Choke system and inhibitor switch
19. ☐ Idle control knob
20. ☐ Instrument panel controls
21. ☐ Meters, gauges, warning lamps and indication lamps
22. ☐ Air conditioning, heater and defroster systems
23. ☐ Wipers and washers
24. ☐ Operation of service brakes and parking brakes
25. ☐ Clutch operation
26. ☐ Operation of seat belts, shoulder belts and retractors

Road Test

27. ☐ Engine performance and exhaust gas
28. ☐ Transmission in all ranges
29. ☐ Brakes
30. ☐ Steering control
31. ☐ Vibration and rattles
32. ☐ Electrical equipment

After Road Test

33. ☐ Idle speed
34. ☐ Ignition timing
35. ☐ Radiator coolant level
36. ☐ Hoses, fluid lines and connections located under hood
37. ☐ Manual transmission and transfer (4WD) oil level
38. ☐ Automatic transmission fluid level
39. ☐ Engine, transmission, steering gear box and differential for leaks
40. ☐ Front and rear differential oil levels
41. ☐ Hoses, fluid lines and connections located under vehicle

Final Steps

42. ☐ Headlamp aiming
43. ☐ Equipment
44. ☐ Exterior and interior
45. ☐ Owner instructions

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PAINTWORK TERMS

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Term	Definition	Remark
Blister	A raised bubble in the paint (from the base or the undercoat) caused by abnormal moisture. The bubble may contain either water or air.	
Change in tone	The colour tone of the painted surface is not uniform.	Including wrong colour, discolouration and decolouration.
Contact mark	A mark on the painted surface as a result of contact by hands or clothing at the time of paint application.	
Crack	A crack in the painted surface.	Cracks may be either shallow or deep.
Dirt in paintwork	Rough surface resulting from foreign material in the paint or from dust deposited on wet paint during painting or storage.	
Filed or ground traces	Deep scratches in sheet metal surface, resulting from improper use of buffer or sander, are not completely covered, and are visible through paint coating.	
Orange peel	The painted surface has the appearance of an orange peel.	
Peeling	The paint flakes off (partly or over a wide area).	The peeling may be minor, medium, or major.
Pin holes	Tiny holes in the painted surface.	
Runs	A visible trickle of dried paint on the surface.	Either undercoat or top-coat.
Scratches	Scratches on the painted surface.	
Shrink	The painted surface "shrinks", causing wrinkles.	
Smears	Spots of soot or other material deposited on the painted surface.	Including stains and water spots.
Spray mist	The painted surface includes fine particles of other paint.	
Uneven lustre	The lustre of the painted surface is not uniform.	
Uneven metallic dispersion	The metallic dispersion of the painted surface is not uniform.	
Visibly incomplete topcoating	A part of the undercoating visible.	

FIRST STEP

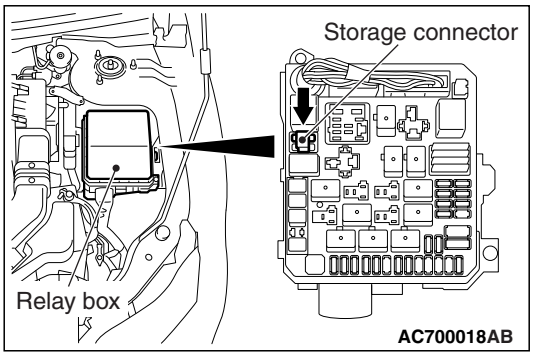
1. CONNECTION OF DARK CURRENT CONNECTOR

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CONNECTING PROCEDURE

⚠ CAUTION

Turn the ignition switch to the LOCK (OFF) position before connecting storage connector.

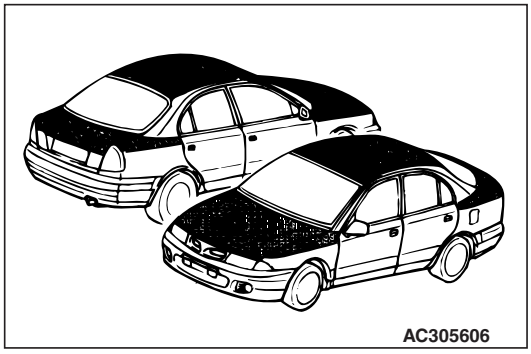


Press down the storage connector.

BODY

2. WRAP FILM

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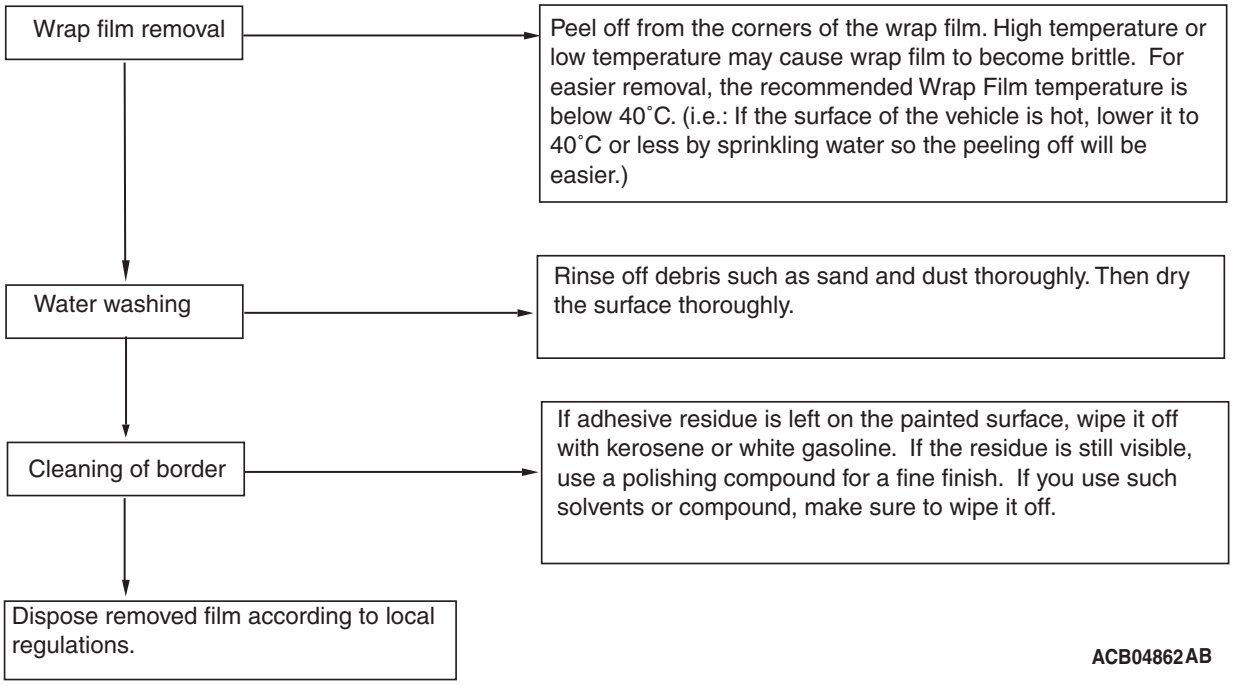


Vehicles may be shipped from the assembly plant to the distributors with a white plastic film or coating (wrap film) applied for the purpose of protecting the painted exterior from environmental elements where the assembly plant and point of embarkation is located.

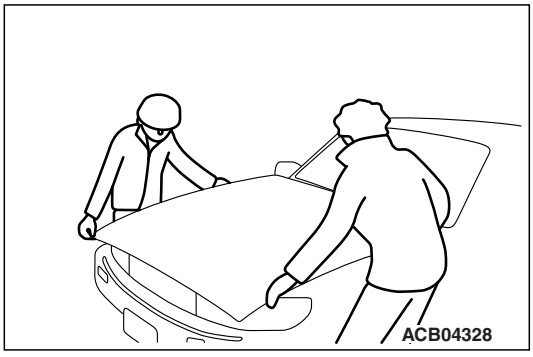
Distributors are required to remove the wrap film immediately after receiving vehicles, which is necessary for PDI operations. Please refer to the following chart for the procedures.

REMOVAL PROCEDURE

Flow Chart of Wrap Film Removal



The procedures to re-apply the wrap film



If there is an environment that the vehicles in stock may be exposed to elements such as acid rain, dust particles, it may be recommendable to re-apply the wrap film for the purpose of protecting the painted exterior from the environment. Please refer to the following chart for the procedures to re-apply the wrap film.

Steps.	Process	Tips
1	Remove old wrap film	Follow the "flow chart of removing the wrap film"
2	Prepare the surface to adhere the wrap film	Make sure there is no debris such as sand or dust. Dry the surface thoroughly. The temperature of the area to apply the wrap film should be below 40°C for workability.
3	Re-apply the wrap film	The area to re-apply the wrap film is the same area where the original wrap film was applied. 1. Begin adhering the wrap film from the low part of the vehicle and move upward. Maintain some tension on the wrap film so it will not get wrinkled or trap air bubbles. Although air bubbles it self will not damage the paint, you can avoid trapping air by adhering the wrap film from the centre to the out side of the vehicle. Use a tool such as a squeezer to adhere the wrap film firmly to the vehicle. 2. For moving panels such as the hood and trunk lid, or portion where parts such as windshield washer nozzles are pointing out, cut the wrap film accordingly, so it will adhere to the paint surface firmly. 3. If the top side of the film (the side without the adhesive) is left to contact the painted surface, it may damage the paint surface. (for example, become lusterless). The edges of the wrap film and overlapping portions should be firmly adhered to prevent entry of rain under the wrap film. 4. To prevent colour difference to be recognised between the areas wrapped and unwrapped due to exposure to sunlight etc. during storage, we recommend the boundary of wrapped and unwrapped areas be on a vertical location.

⚠ CAUTION

- **Be careful not to damage the paint surface while cutting the wrap film.**
- **Once the wrap film is adhered to the vehicle, it should remain on the vehicle for no more than 6 months. If it is necessary, a new wrap film should be adhered to the vehicle following the steps above, based on your inventory management schedule.**

Guidelines to give you an estimate of the labour costs

Approximate labour time to adhere wrap film

area to apply wrap film (m^2)	labour time (min)
3.5 - 5.5	10 - 15
5.5 - 7.0	15 - 20

How to acquire the wrap film

It will be a direct transaction between O-WELL. Fill the necessary information, contact information;*1 and ordering quantity;*2 in the specified portion of the document attached below and send to O-WELL Corporation. The necessary information is stated in the document attached below. O-WELL will give you a quotation in return.

Owell
FINE RELATIONS FOR NEXT

*1 Quotation request No. ____

Date _____

from

name of company

_____

address

_____

Tel; _____

Fax; _____

a person in charge

_____

e-mail address

_____

To

O-WELL CORPORATION

3-6-17, Kitashinagawa, Shinagawa-ku,
Tokyo 140-0001 Japan
Phone:81-3-6812-8607
Telefax:81-3-6812-8614
E-Mail:y-honda@owell.co.jp
o-kagami@owell.co.jp
n-kosaka@owell.co.jp

please quote us as follows;

Conditions

(1) Payment; All amount (100%) should be paid by T/T remittance in advance is required.
Our banking information;
The bank of Tokyo Mitsubishi UFJ, Ltd Kamata Branch
5-12-6 kamata, Ota-Ku, Tokyo 144-0052 Japan
SWIFT; BOTKJPJT, Account # 117-1059643
Accountee; O-WELL Corporation

(2) Delivery; By DHL or any other way by air.
Lead time to delivery; within 10 working days
Expected delivery by;_____ to (air-port)_____

(3) Trade Term; CPT(C&F) destination air-port in US Dollar

(4) Validity of quotation; by the end of next month

(5) Manufacturer and Specification;
Kansai Paint Co., Ltd. Japan
RAPGARD-F (Guard Film) with adhesive, thickness 45 micron polyolefin resin over 90%

Description	Required quantity	Unit Price	Amount
	(Cartons)		CPT US Dollar
Width; _____ Length; _____			
Delivery charges			
Country of origin; Japan			
Customs Tariff No. 3919.90 Self-adhesive film	(1)		
Total;G.W.(kg) cartons			

O-WELL Corporation

ACB04863

RAPGARD-F; Ordering information

Width mm	Length Meter	Weight per roll Kg	Quantity per carton rolls	Carton		*2 Ordering quantity carton
				Dimension W x D x H mm	Weight kg	
50	100	0.3	48	390x347x325	16.2	
70	100	0.4	32	390x347x325	13.5	
100	100	0.6	24	390x347x325	16.2	
150	100	0.8	16	380x337x305	14.8	
200	100	1.1	8	380x337x205	9.4	
250	100	1.4	8	380x337x255	11.8	
300	100	1.7	8	380x337x305	14.3	
600	100	3.3	4	1300x265x135	14.8	
720	100	4.0	2	740x250x125	9.5	
900	200	8.9	1	940x160x160	10.4	
1100	200	10.8	1	1140x160x160	12.3	
1200	200	11.8	1	1240x160x160	13.3	
1300	200	12.8	1	1340x160x160	13.9	

Film Thickness (micron);

film 35 μ + adhessive10 μ = Total 45 μ (43g/M2)

				*2
RAPGARD Cutter	10 pcs/ctn	230x120x10	75 g/pcs	
Squeezer	10 pcs/ctn	400x250x80	150 g/pcs	

Attention;

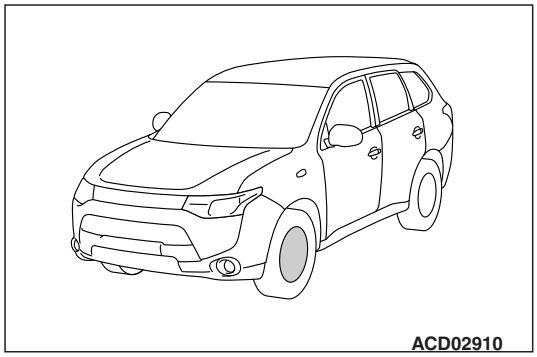
1) Distributors have to fill in

2) O-WELL to fill out in

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3. WHEEL

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Vehicles may be shipped from the assembly plant to the distributors with a plastic film or cover (non-adhesive type) applied in order to avoid rust of the brake disc. Distributors should remove the plastic film or cover just before delivering the vehicle to your customer. However, the plastic film should be removed in five months after the vehicle is delivered to the distributor. The plastic cover can be kept for more than five months.

⚠ CAUTION

Be careful not to damage the paint surface when removing the plastic film or cover.

4. EXTERIOR

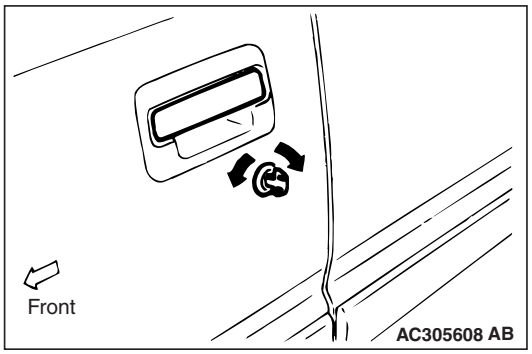
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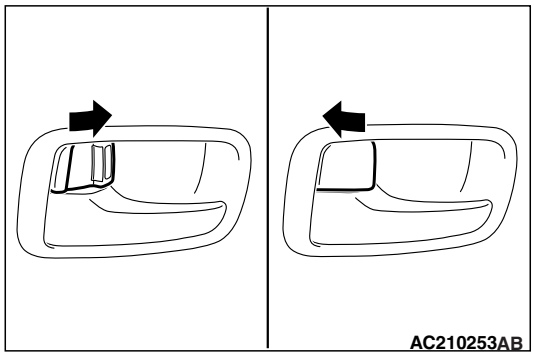
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1. Visually inspect the entire exterior.
   (1) Paint condition
   (2) Corrosion, scratches
   (3) Bent edges, dented panels
2. Coated surfaces maintenance
   Touch up minor paint chips and flaws.
   (Refer to paintwork terms)

5. OPERATION OF DOOR LOCKING SYSTEMS AND DOOR HINGES

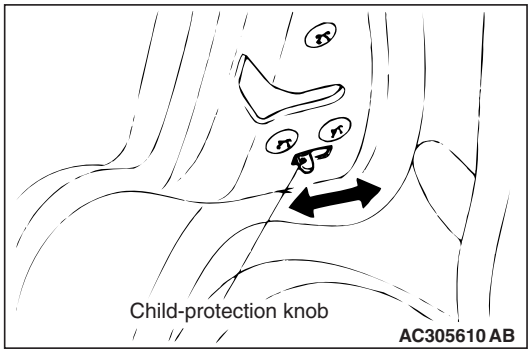
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1. Open each door to check the release mechanism and ease of operation.
2. Close the door to check the latch and striker.
3. Open the door, operate the lock lever and close the door to check the lock.
4. Partially close the door to check the open-door detent.
5. Unlock each door with the key to check lock operation.
6. Verify that all doors can be locked by the lock buttons.

NOTE: Adjust and lubricate the door latches, strikers and locks as required.



7. Verify that the rear doors can't be opened by the inner door handle when the child protection knob at the end of the door is shifted to the "LOCK" position with the inside lock plunger raised.

NOTE: Set the lock to the "FREE" position on child protection of both rear doors. (For four door models)

6. OPERATION OF DOOR MIRRORS, WINDOWS AND SUNROOF

M6010400400190

1. Door mirrors

   Check that the mirror operate properly.
2. Door windows

   Close all door windows to the fully closed position to check ease of operation.
3. Power windows

   Check that the door windows operate when the respective switches are operated. Check that when the lock switches are depressed, the respective door windows can no more be opened or closed.
4. Slide window

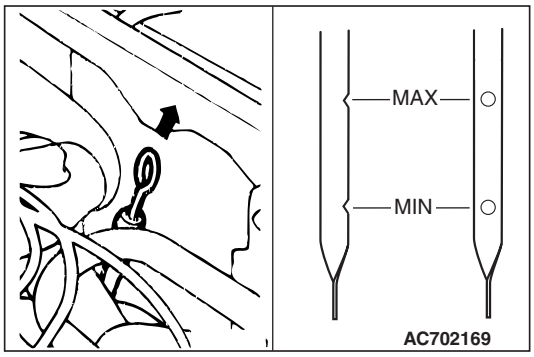
   Close the slide window to the fully closed position to check operation.
5. Sunroof

   Close the sunroof to the fully closed position to check operation.

UNDER HOOD

7. ENGINE OIL LEVEL

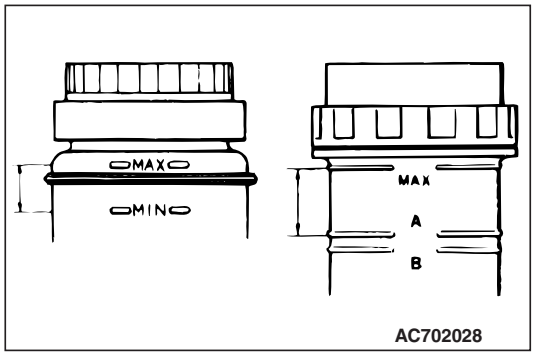
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Check that the oil level is between "MAX" and "MIN". If it is at or below "MIN", add the necessary amount of the specified engine oil referring to GROUP 2, Periodic Inspection and Maintenance.

8. BRAKE MASTER CYLINDER FLUID LEVEL

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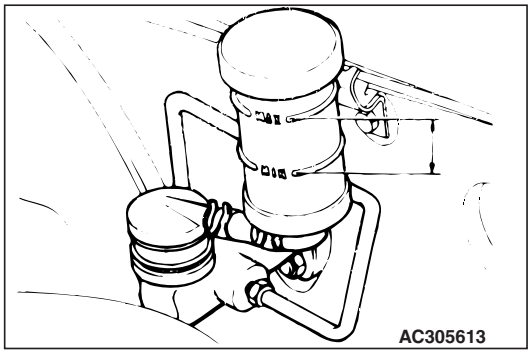


Check the fluid level.
If it is below the "MIN" mark, replenish fresh brake fluid up to the "MAX" mark.

Specified Brake Fluid: DOT3 or DOT4

9. CLUTCH MASTER CYLINDER FLUID LEVEL

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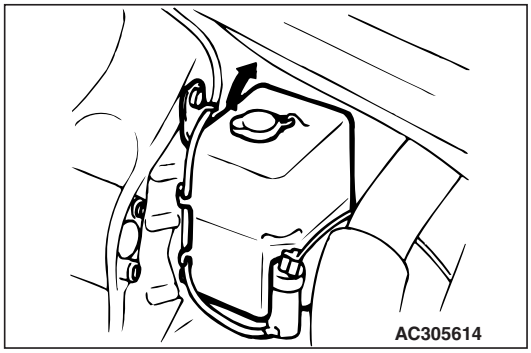


Check the fluid level.
If it is below the "MIN" mark, replenish fresh brake fluid up to the "MAX" mark.

Specified Brake Fluid: DOT3 or DOT4

10. WASHER FLUID LEVEL

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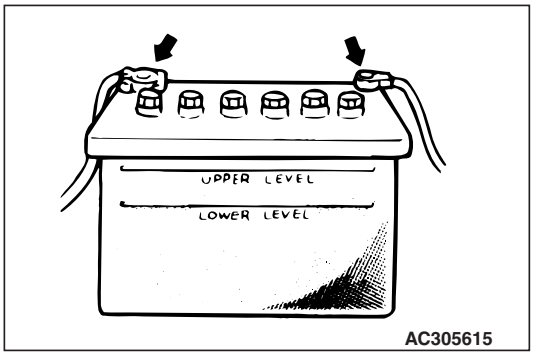


Check the fluid level; if it is low, replenish the washer fluid.

1. Windshield washer reservoir
2. Rear window washer reservoir

11. BATTERY CONDITION AND CONNECTIONS

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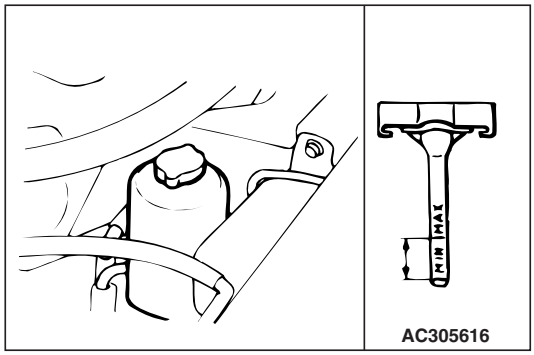


Inspect the battery connections. Verify that they are tightened.

NOTE: Do not wipe the lubricant from the battery posts and cable clamps.

12. POWER STEERING FLUID LEVEL

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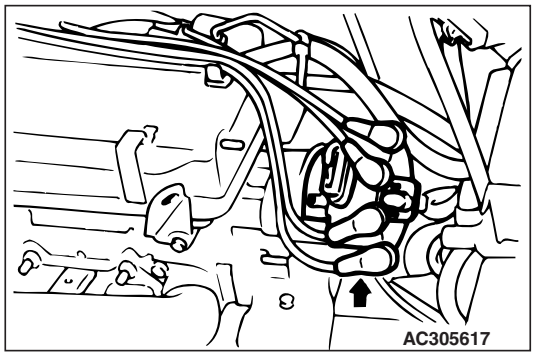


1. Check that the fluid level is between "MAX" and "MIN".
2. If the fluid is added, start the engine and turn the steering wheel from stop to stop several times to expel air from the system.

Specified gear oil: Automatic transmission fluid DEXRON III or DEXRON II

13. ELECTRICAL WIRING

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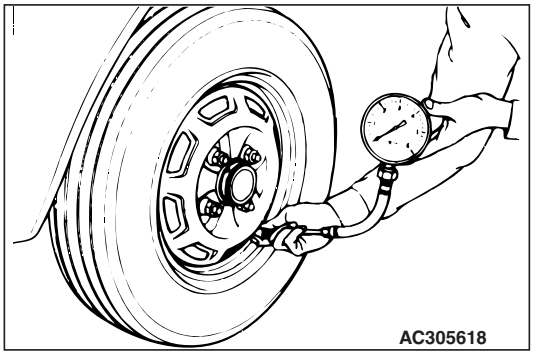


1. Each electrical wiring harness and connector
   (1) Check each harness to be correctly routed and securely clipped.
   (2) Confirm that all connections are tight.
2. Ignition cable
   Be sure that all ignition cables are firmly attached to the spark plugs, distributor cap (or crank angle sensor) and ignition coil.

UNDER VEHICLE

14. TYRE AND SPARE TYRE PRESSURES

M6010600100041

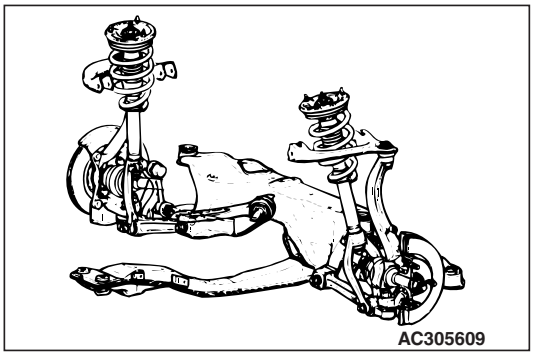


1. Tyre specification
   Check the correct tyre specification.
2. Tyre pressures
   Adjust each tyre pressure.

   NOTE: Recommended pressure is shown on the tyre pressure label.
3. Valve stem extensions
   Verify that the valve stem extensions are installed where necessary.
4. Install the wheel covers, wheel rings and hub caps.

15. SUSPENSION SYSTEM

M6010600200178



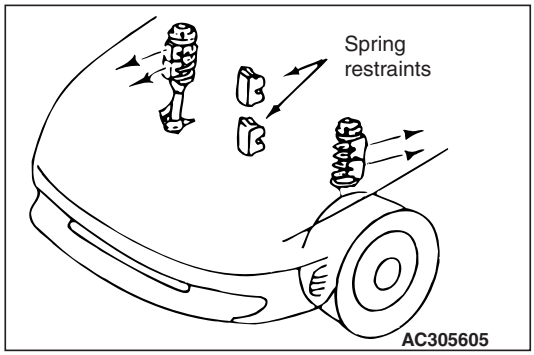
Check to be sure that each installation bolt and nut is tightened. If split pins are used, make sure that they are properly installed.

1. Lower arm, Upper arm
2. Stabilizer bar
3. Strut assembly

REMOVE FRONT SPRING RESTRAINTS

⚠ CAUTION

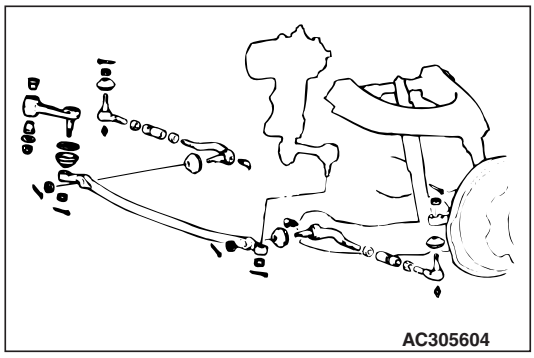
It is very important that these restraints must be removed during pre-delivery inspection. Failure to do so could cause ride and handling complaints.



With the vehicle correctly positioned on the sub-frame contact points, and the suspension fully extended, remove the rubber restraints from the front springs.

16. STEERING LINKAGE AND SPLIT PINS

M6010600300023



1. Steering linkage retaining nuts and split pins
   Check visually and by feel that the steering linkage retaining nuts are correctly tightened and the split pins are correctly installed.
2. Tie rods and relay rod
   Check that the tie rods and relay rod of the steering linkage are not bent and that the tie rod end lock nuts are securely tightened.
3. Steering components
   (1) Check that each of the steering components is tightened.
   (2) Check the tie rod end, nuts and split pins for proper installation.
   (3) Check the condition of bellows-type dust seals.

4. Split pins
   Check the front axle nuts and rear wheel spindle nuts for split pins.

17. UNDER BODY

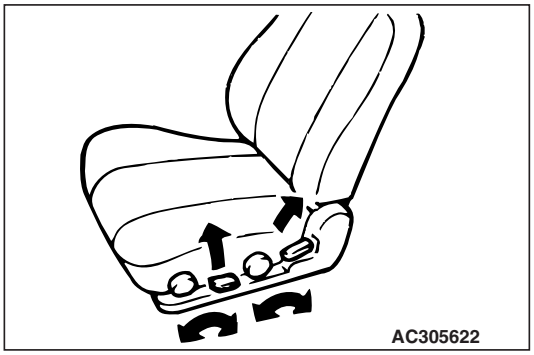
M6010600400020

Check under body and under body coating for damage.

BEFORE ROAD TEST

18. SEAT ADJUSTERS AND SEATBACK LATCHES

M6010700100082



Check the operation of the various parts of the seats.

1. Mechanical adjusters of the seats
2. Operation of the latch for tilting the seatbacks forward and backward.

19. INHIBITOR SWITCH

M6010701100029

On models with an automatic transmission, be sure the engine starts in both "P" and "N" position, and does not start in other positions.

20. IDLE CONTROL KNOB

M6010700300020

Verify that the diesel engine revolution increases when the idle control knob is pulled out.

21. INSTRUMENT PANEL CONTROLS

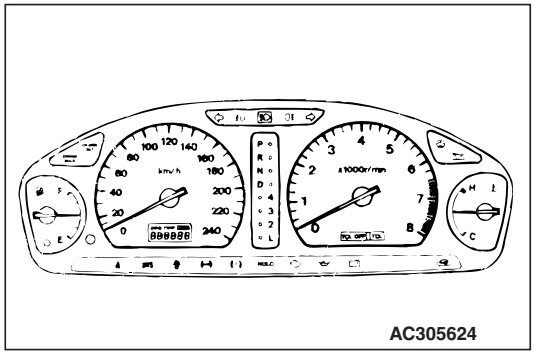
M6010700400083

Check the operation of the following

1. Horn
2. Headlamps
3. Exterior and interior lamps
4. Instrument panel lamps
5. Instrument brightness control

22. METERS, GAUGES, WARNING LAMPS AND INDICATION LAMPS

M6010700500024

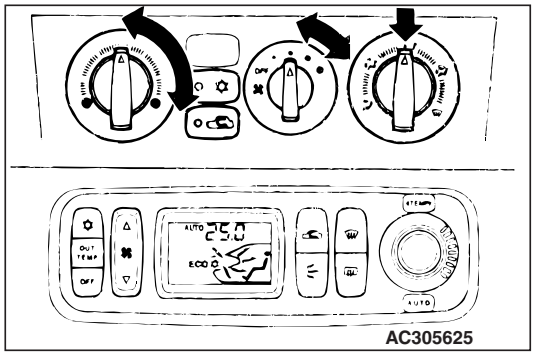


1. Check the meters and gauges are functioning properly.
2. Check each indicator lamp and warning lamp functions properly.

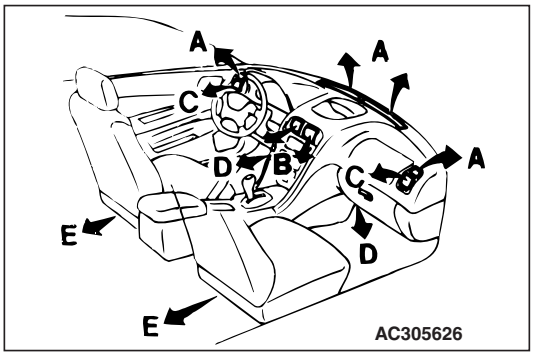
23. AIR CONDITIONER, HEATER AND DEFROSTER SYSTEM

M6010700600128

Check the systems for proper operation.



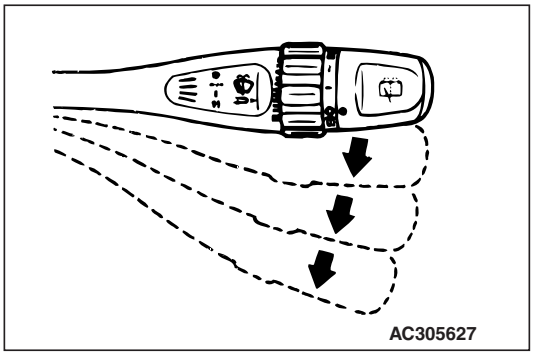
1. Air conditioner
   (1) Operate the air conditioner system.
   (2) Operate the air conditioner light.
   (3) Operate the control lever in all ranges.
   (4) Operate the blower motor switch in all ranges.



2. Heater and defroster
   (1) After the engine has warmed up, turn on the heater.
   (2) Operate the blower motor switch in all ranges.
   (3) Move the control to "Defrost" position.
   A: From front and side defroster
   B: From centre ventilators
   C: From side ventilators
   D: From under the instrument panel
   E: From under the front seat (some models only)

24. WIPERS AND WASHERS

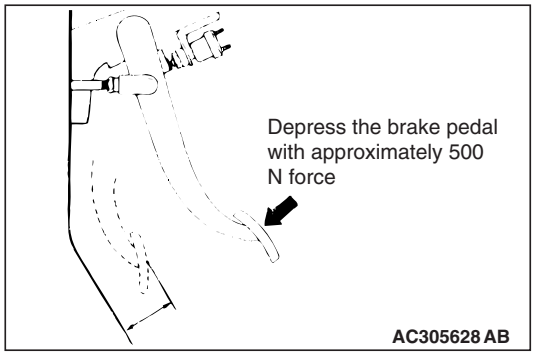
M6010700700028



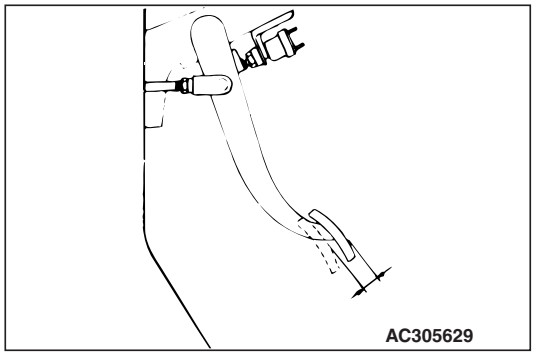
1. Front wiper and washer
   (1) Check operation of the front wipers in all ranges.
   (2) Check the aim of the front washer stream.
   (3) Check the wiper blade-stop positions.
   (4) Verify that the interval between cycles of wiping is shifted when timer knob is turned to any position.
   (5) Verify that the front wipers function by operating the washer switch.
2. Rear wiper and washer
   (1) Check the operation of the rear wiper.
   (2) Check the aim of the rear washer stream.
   (3) Check the wiper blade-stop positions.

25. OPERATION OF SERVICE BRAKES AND PARKING BRAKES

M6010700800382



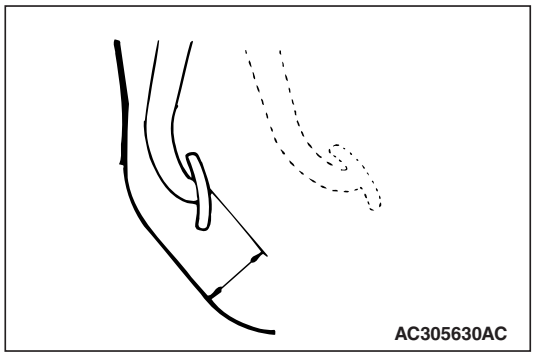
1. Service brakes
   (1) Check the clearance between the brake pedal and the floorboard when the brake pedal is depressed.



   (2) Verify correct brake pedal free play.
   NOTE: For inspection and adjustment of the service brake, refer to GROUP 2, Periodic Inspection and Maintenance.
2. Parking brake
   Check the parking brake drag and lever travel.
   NOTE: For inspection and adjustment of the parking brake, refer to GROUP 2, Periodic Inspection and Maintenance.

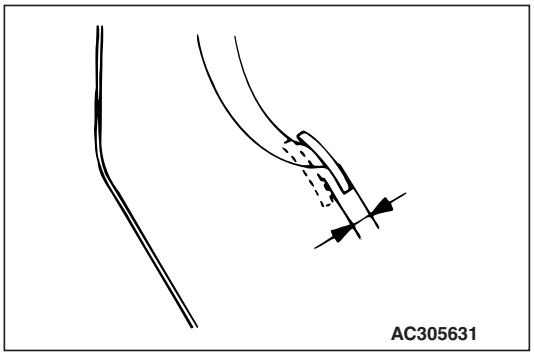
26. CLUTCH OPERATION

M6010700900282



1. Check the clutch operation in all driving ranges.

2. Check the pedal to floorboard clearance when the clutch is just disengaged.

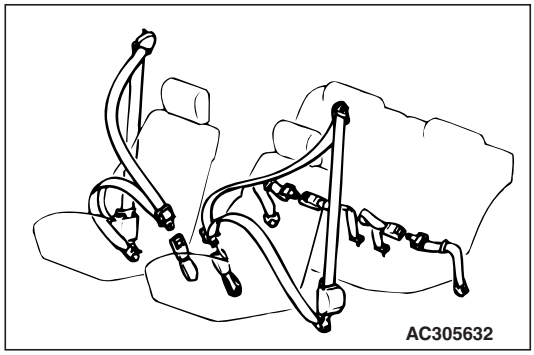


3. Verify correct clutch pedal free play.

   NOTE: For inspection and adjustment of the clutch pedal, refer to GROUP 2, Periodic Inspection and Maintenance.

27. OPERATION OF SEAT BELTS, SHOULDER BELTS AND RETRACTORS

M6010701000022

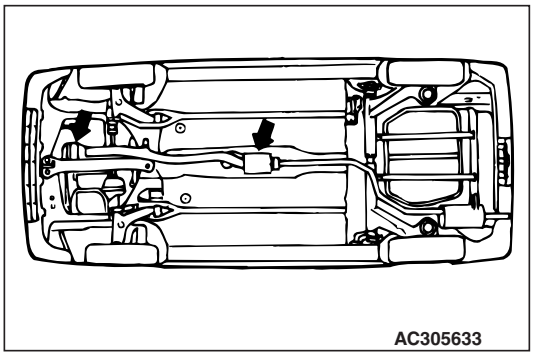


1. Verify that the seat belt warning lamp operates properly.
2. Check all seat belts and harnesses to assure that they connect and hold properly.
3. Lean forward to check that the shoulder harnesses allow movement.
4. Check the condition of the belts and anchors.
5. Check for proper seat belt retraction.

ROAD TEST

28. ENGINE PERFORMANCE AND EXHAUST GAS

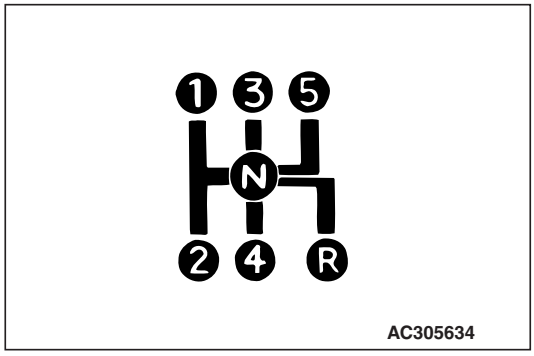
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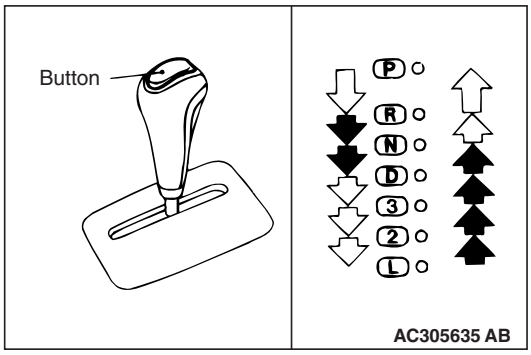
1. Engine performance
   Check the engine for proper performance and accelerator pedal for smooth operation.
2. Exhaust system
   (1) Check the exhaust system components for gas leaks.
   (2) Verify that no black smoking is emitted from the end of the exhaust pipe (diesel-powered vehicles).

29. TRANSMISSION IN ALL RANGES

M6010800200020



1. Manual transmission
   Check the transmission in all forward ranges and in reverse.



2. Automatic transmission
   (1) Make sure shift indicator lines up properly in all ranges.
   (2) Depress the accelerator completely to check that the manual kickdown is operating correctly.
   (3) Stop the vehicle on a steep incline.
   Put the automatic transmission in "P" position and slowly release the service brakes to see if "P" position lock holds. If it does not hold, the transmission requires further service.

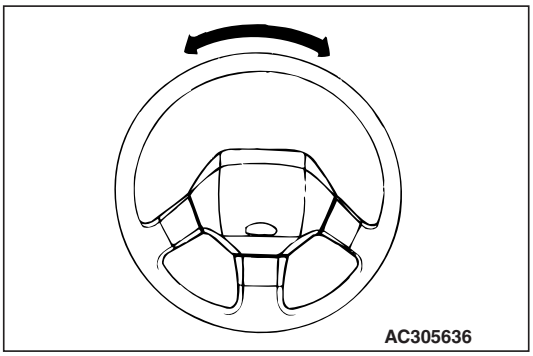
30. BRAKES

M6010800300027

1. Service Brake
   Put the vehicle in gear and apply the brakes while the vehicle is in motion. Be sure brake operation is smooth and positive.
2. Parking Brake
   (1) Stop the vehicle on a steep incline.
   With the service brakes firmly applied, place the transmission in "N" position, and set the parking brakes.
   (2) Slowly release the service brakes to see if the parking brakes will hold.

31. STEERING CONTROL

M6010800400024



1. Check for excessive play or looseness.
2. Check the steering wheel centre.

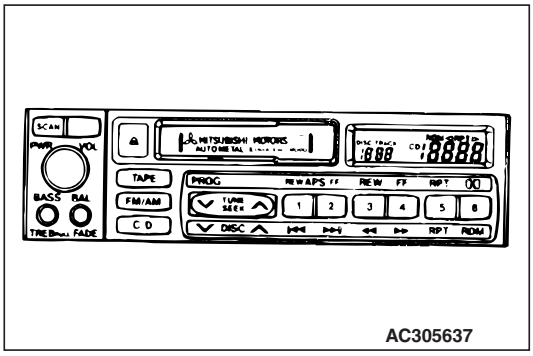
32. VIBRATION AND RATTLES

M6010800500021

1. Locate squeaks, rattles and unusual vibrations.
2. Verify that no noise occurs from the engine, transmission, axle and body.

33. ELECTRICAL EQUIPMENT

M6010800600028



1. Radio
   Tune the radio to a local broadcasting station and check the following:
   (1) Operate the volume, tone, balance and fader controls, etc.
   (2) Pull out the pushbuttons, dial another station and set each pushbuttons.
   (3) Operate the AM/FM switch.
2. Tape player
   Insert a cassette tape in the tape player and check as follows:
   (1) Check the operation of the tape feeder and rewind.
   (2) Check the ejection.
   (3) Check the operation of volume, tone, balance and fader controls, etc.

AFTER ROAD TEST

34. IDLE SPEED

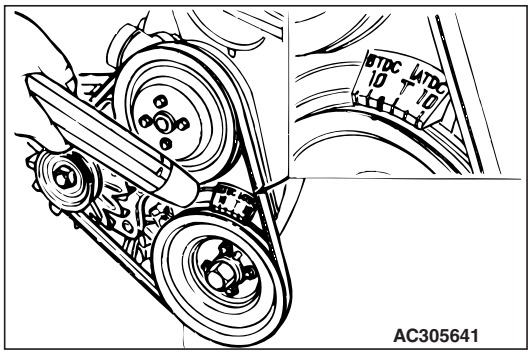
M6010900100172

Check the engine idle speed.

NOTE: For specific idle speed adjustment procedure, refer to GROUP 2, Periodic Inspection and Maintenance.

35. IGNITION TIMING

M6010900200179



Check the ignition timing. Except MPI vehicles with crankshaft-mounted crankshaft angle sensor.

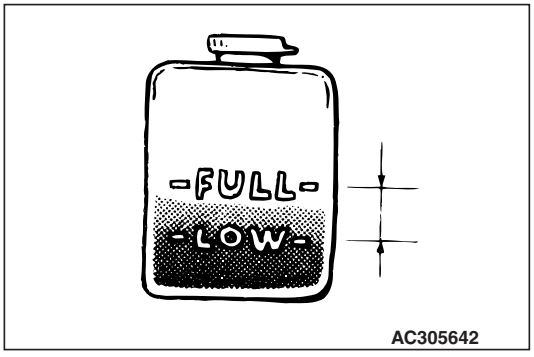
NOTE: For the inspection and adjustment of the ignition timing, refer to GROUP 2, Periodic Inspection and Maintenance.

36. RADIATOR COOLANT LEVEL

M6010900300154

⚠ CAUTION

Do not remove the radiator cap while the cooling system is under pressure.
When removing the radiator cap, be careful of steam and boiling water. Add coolant only to the reserve tank if it is required.



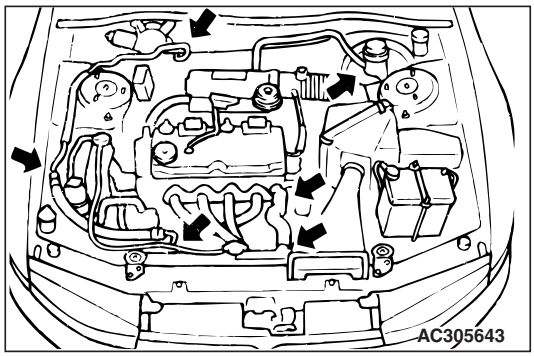
1. Check that the coolant level in the reserve tank is at or above "LOW" mark at normal engine operating temperature. And check cooling system for leaks.
2. Check that the coolant concentration is 30% to 60%.

37. HOSES, FLUID LINES AND CONNECTIONS LOCATED UNDER HOOD

M6010900400203

⚠ CAUTION

Remember that the air conditioner system is under pressure.

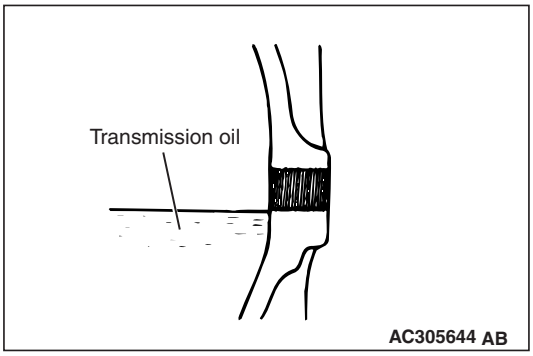


1. Check all brake, fuel, power steering and air conditioner lines and connections; verify proper routing, check connections for leaks, tighten loose connector as required.
2. Inspect routing and connections of all vacuum, and radiator and heater houses.

   NOTE: Keep in mind that an oily residue around an air conditioner connector does not necessarily indicate a leak. Oil is used to lubricate fittings during assembly. Be sure lines are not twisted or kinked.

38. MANUAL TRANSMISSION AND TRANSFER (4WD) OIL LEVEL

M6010900500211

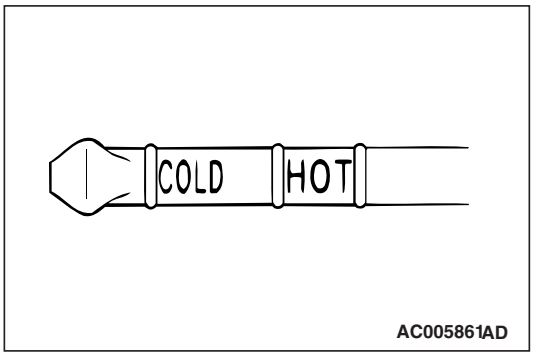


1. Remove the filler plug.
2. Check the oil level. If the oil level is at or slightly below the filler hole, it is in satisfactory condition.
3. If the level is low, replenish the transmission and transfer case with fresh oil by using a lubricator.

   NOTE: For the specified oil, refer to GROUP 2, Periodic Inspection and Maintenance.

39. AUTOMATIC TRANSMISSION FLUID LEVEL

M6010900600230



1. Remove the dipstick and check the fluid level.
2. Fluid level is okay if it is in the specified range as illustration at normal engine operating temperature.
3. If the level is below the lower notch, replenish fluid until the level reaches the upper notch.

   NOTE: For the specified automatic transmission fluid, refer to GROUP 2, Periodic Inspection and Maintenance.

40. ENGINE, TRANSMISSION, STEERING GEAR BOX AND DIFFERENTIAL FOR LEAKS

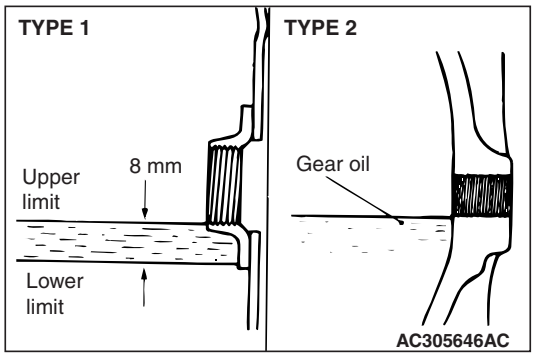
M6010900700055

Check the engine, transmission, steering gear box and differential for oil leaks.

41. FRONT AND REAR DIFFERENTIAL OIL LEVELS

M6010900800342

1. Remove the filler plug.
2. Check the oil level. If the oil level is at or slightly below the filler hole, it is in satisfactory condition.



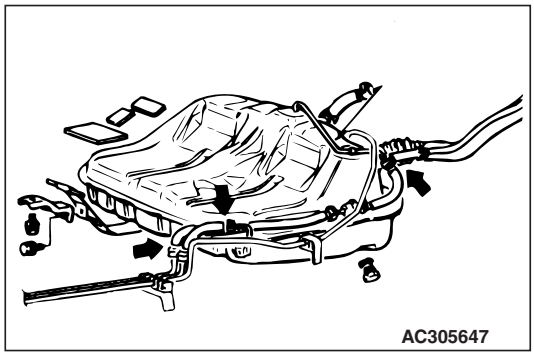
Type 1 only: Remove the filler plug, and check the gear oil level. Check that gear oil level is not 8 mm below the bottom of filler plug hole.

3. If the level is low, replenish the front and/or rear differential with fresh oil by using a lubricator.

   NOTE: For the specified oil, refer to GROUP 2, Periodic Inspection and Maintenance.

42. HOSES, FLUID LINES AND CONNECTIONS LOCATED UNDER VEHICLE

M6010901000145

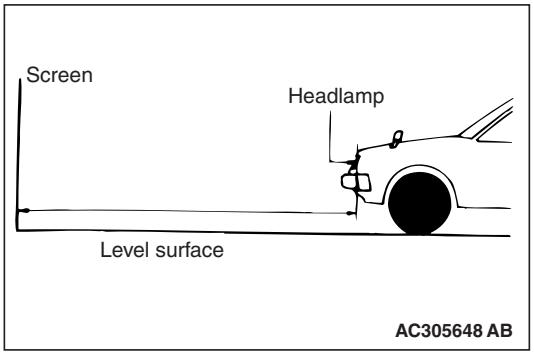


1. Check all hoses, fluid lines and connections for leaks.
2. Check all hoses and fluid lines for proper routing away from sharp edges and moving components.

FINAL STEPS

43. HEADLAMP AIMING

M6011000100116

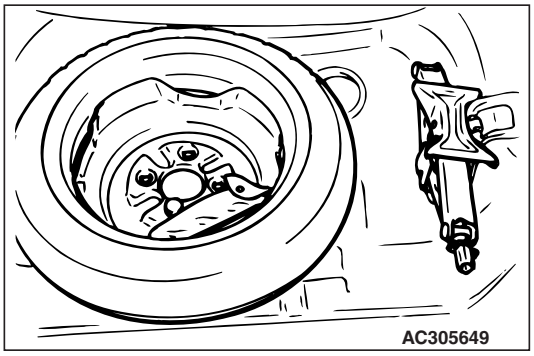


Check condition for headlamp aiming.

NOTE: For headlamp aiming procedures, refer to the Workshop Manual for that model.

44. EQUIPMENT

M6011000200209



Check the installation of the various equipment.

1. Trunk room floor mats
2. Spare tyre
3. Jack, jack handle and tool set

45. EXTERIOR AND INTERIOR

M6011000300262

Finally check and clean the exterior and interior.

1. Wash the vehicle to remove all traces of road grime and other dirt on the vehicle as a result of new vehicle preparations.
2. Clean exterior and interior glass surface.
3. Remove all protective covers.
4. Remove undercoat overspray, excess window sealer, and excess weatherstrip adhesive.
5. Verify that the secondary key can not unlock the glove box and tailgate/boot lid (if so equipped).
6. Remove shipping and inspection stickers.

46. OWNER INSTRUCTIONS

M6011000400054

1. Verify that the owner's manual and service booklet is in the glove box.
2. Place the spare keys in envelope in the glove box before delivery.

NOTES