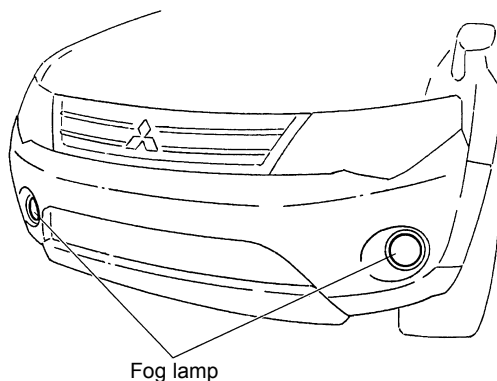


OUTLANDER FOG LAMP KIT MZ380376EX INSTALLATION AND HANDLING INSTRUCTIONS



Thank you for purchasing the Mitsubishi Genuine Accessory.
To install and use the product correctly with proper knowledge of it, read this publication carefully.
Keep this publication for reference when maintenance is required.

Attention

- This publication gives precautionary instructions in the boxes titled as follows.
Read through these instructions thoroughly.



Caution

Describes precautions that should be observed in order to prevent injury or damage to the vehicle or its components, which may occur if sufficient care is not taken.



Note

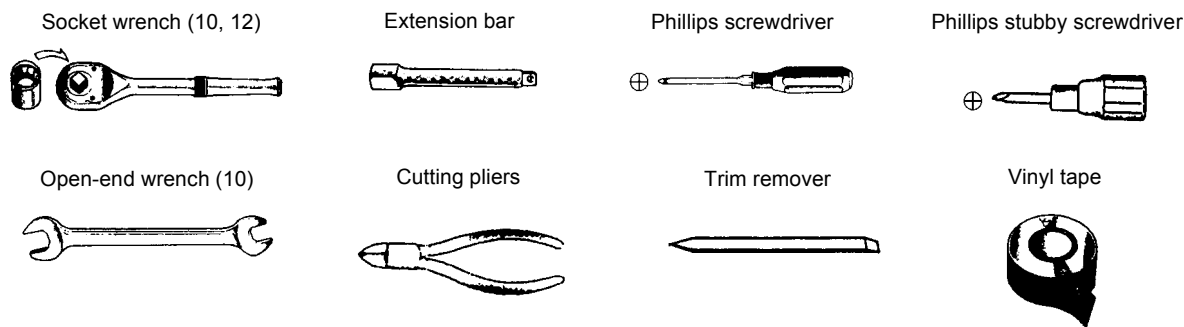
Provides additional information that facilitates installation work.

- Failure to follow these instructions not only prevents the product from working properly but may lead to trouble with the vehicle. Be sure to follow all instructions carefully.
- If there is anything unclear about the installation, handling and/or usage of the product, contact your Mitsubishi Motors dealer for clarification.
- Mitsubishi Motors Corporation is not responsible for any defects or difficulties caused by or resulting from the failure to follow given instructions.
- We recommend you to have the installation performed at an authorized Mitsubishi Motors dealer.

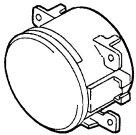
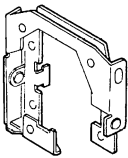

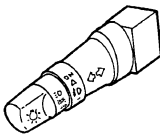
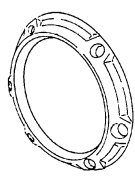


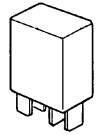

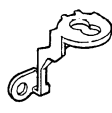


To the dealer:

Be sure that the customer receives this publication.

■ TOOLS (Make the following tools ready for use.)



■ COMPONENTS (Make sure that all of the following components were included in the kit.)

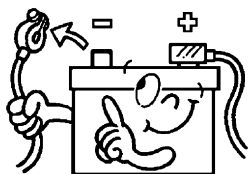
① Fog lamp: 2 	② Bracket: 2 	③ Sub-harness: 1 	④ Light switch: 1 	⑤ Fog lamp bezel (silver): 2 	⑥ Bolt: 8 
⑦ Tie wrap: 8 	⑧ Relay: 1 	⑨ Aiming gear: 2 	⑩ Aiming gear stay: 2 	⑪ Screw (M4 × 8): 2 	⑫ Screw (M5 × 12): 6 

■ PRECAUTIONS

- Be sure to apply the parking brake securely.
- Before proceeding with the installation, be sure to disconnect the (–) cable from the battery. Always turn off the ignition and light switches before disconnecting and reconnecting the (–) battery cable.
- Disconnecting the (–) cable from the battery causes the radio and audio presets, the clock, etc. to lose their memory. Record the contents of the memory before disconnecting the battery negative cable so as to reprogram the radio presets after the installation is completed.
- Connect wiring harnesses securely.
- To prevent damage to harnesses, be sure to fasten them all with vinyl tape or tie wraps where they may otherwise dangle and touch vehicle parts.
- To prevent injuries by the cut edge of the tie wrap, do as follows:
 - When fastening with the tie wrap, wind it so that its tail (and so cut edge) points downward.
 - Cut off the excess tie wrap close to the head. Do not cut at an angle.
- Tighten bolts and nuts securely.
- The illustrations in the Installation Procedures mainly depict the installation of the left side parts. Install the right side parts in the same manner.

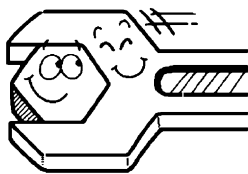
Before installation

- Be sure to disconnect the negative terminal cable from the battery.



When installing or removing parts

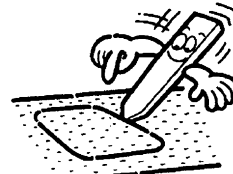
- Loosen or tighten bolts and nuts using tools that match their sizes.



- Use a Phillips screwdriver that fits the recess in the head of the screw being loosened or tightened.

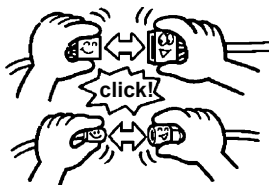


- To remove plastic parts, use a trim remover.

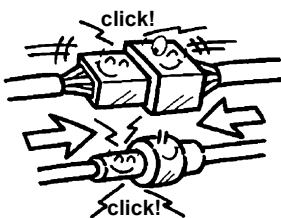


Wiring

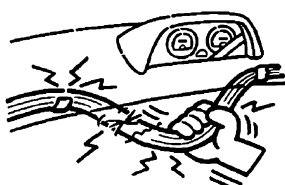
- When disconnecting connectors, first unlock them, then separate the connectors by pulling on themselves, not on cables.



- When connecting connectors, push them against each other until the lock clicks.



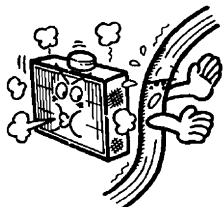
- Do not pull on wiring harnesses strongly.



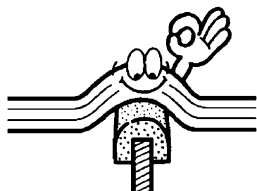
- Do not let harnesses be pinched between parts.



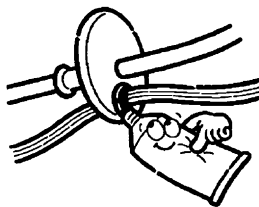
- Route the harness away from hot components such as the engine and radiator.



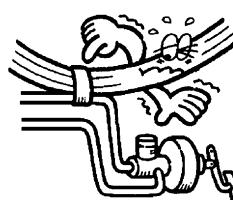
- Protect the harness from sharp edges by covering the edges with tape or other suitable materials.



- Apply sealant to grommets at portions where the harness run through.

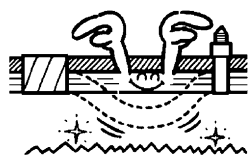


- Do not fasten the harness to brake pipes or high pressure air conditioner pipes.



Clamping harness

- Fasten the additional harness to an existing vehicle harness using tape or tie wraps.



- Bind up extra length of the harness using a tie wrap.

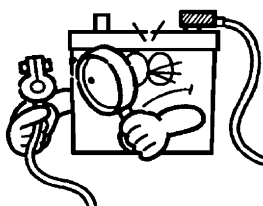


- If one tie wrap is too short, use two connected together.

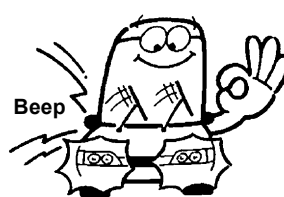


After installation

- Check the product and wiring for installed condition before connecting the cable to the battery.

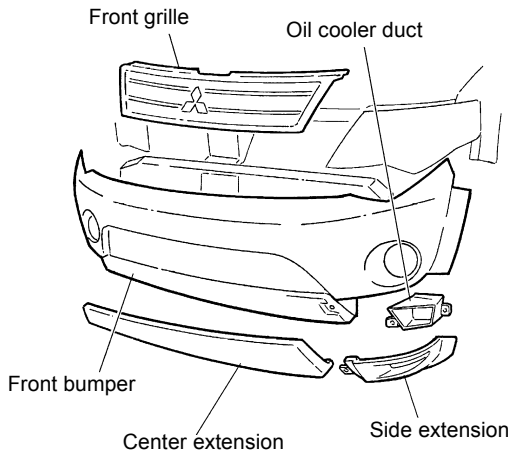


- Check the installed product for function. Also check lamps, horn, wipers, etc. for proper operation.



INSTALLATION PROCEDURES

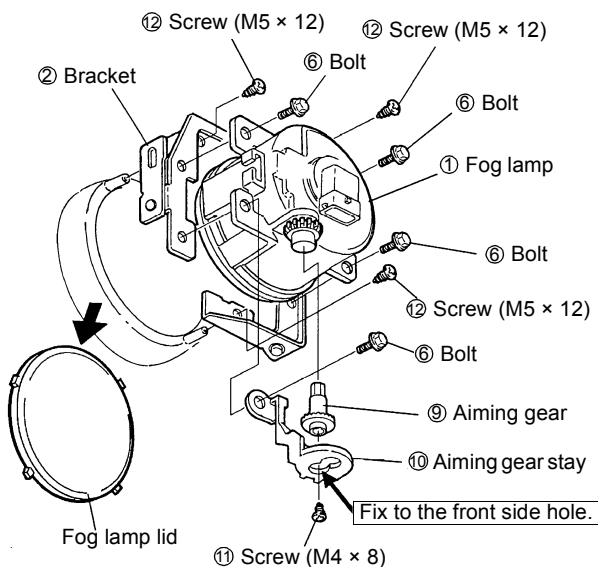
A. PREPARATORY WORK



- 1) Remove the front grille, front bumper, and center extension in accordance with the workshop manual.
- 2) Remove the side extensions and oil cooler duct (L.H. only) in accordance with the workshop manual.

Check

B. INSTALLING THE FOG LAMP



- 1) Remove the fog lamp lid from the front bumper by cutting off four bridges using cutting pliers.
- 2) Install the bracket ② on the backside of the front bumper with three M5 × 12 screws ⑫.

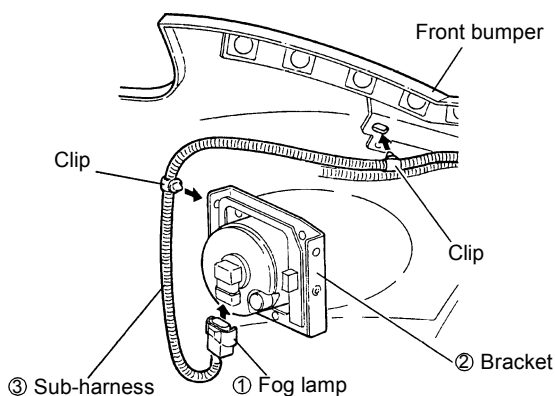
⚠ Caution

- Do not use a power tool in this procedure.

- 3) Insert the aiming gear ⑨ into the fog lamp ①. Then install the aiming gear stay ⑩ to the aiming gear ⑨ with one M4 × 8 screw ⑪ as shown in the illustration.
- 4) Install the fog lamp ① and aiming gear stay ⑩ to the bracket ② with four bolts ⑥.

Check

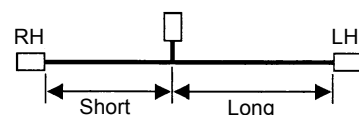
C. INSTALLING THE SUB-HARNESS



- 1) Connect the 2-pin connectors of the sub-harness ③ for fog lamp to the fog lamps ①.

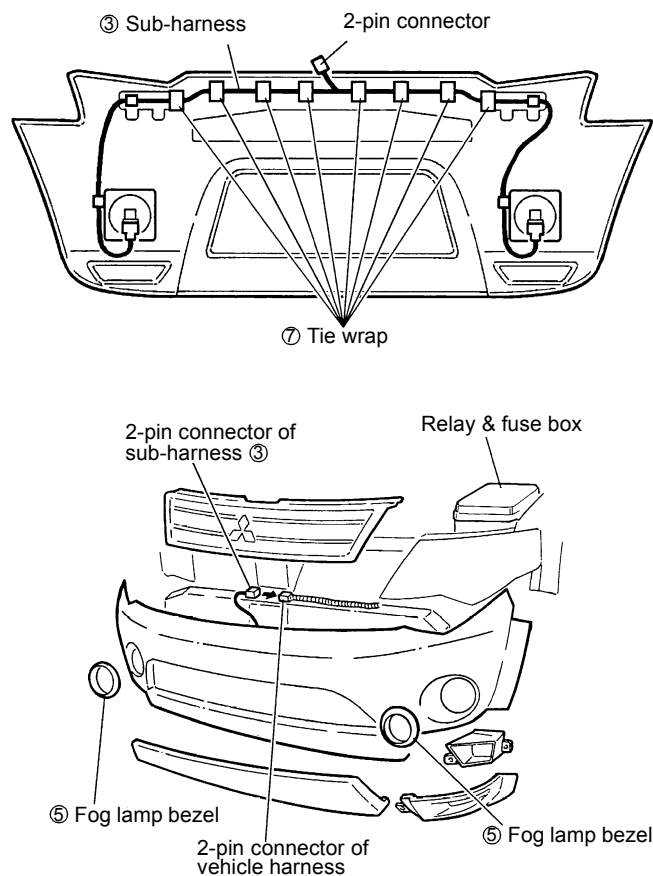
⚠ Caution

- The connector with the longer harness is for the left fog lamp, and the one with the shorter harness is for the right fog lamp.



- Be sure to connect the connectors securely.
- Make sure that the fog lamp bulb is firmly locked on the fog lamp unit.

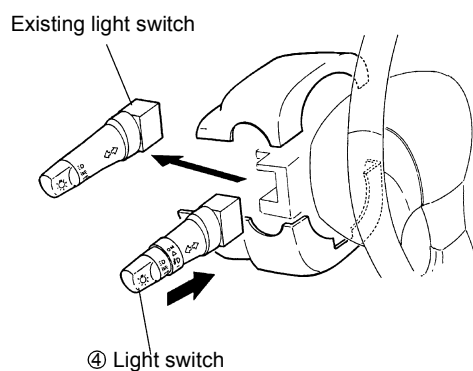
<Backside of the front bumper>



- 2) Fit the clips on the sub-harness ③ to their mounting holes. (2 clips for each of the RH and LH harnesses)
- 3) Fix the sub-harness ③ on the bumper reinforcement using tie wraps ⑦.
- 4) Install the relay ⑧ to the fog lamp relay position in the relay & fuse box.
- 5) Connect the 2-pin connector of the sub-harness ③ with the 2-pin connector of the vehicle harness. Be sure to connect the harness securely.
- 6) Install two fog lamp bezels ⑤ from the front of the front bumper.
- 7) Reinstall the oil cooler duct, side extensions, front bumper, center extension and the front grille.



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
D. REPLACING THE LIGHT SWITCH



- 1) Remove the steering column covers.
- 2) Remove the existing light switch, and install the light switch ④.
- 3) Reinstall the steering column covers.

Check	
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E. CHECKING AFTER INSTALLATION	<ol style="list-style-type: none"> 1) Check that the connectors are connected securely. 2) Check that the fog lamp bulbs are securely fixed in position. 3) Reconnect the battery (–) terminal. <div data-bbox="1222 380 1450 432"> <div>Check</div> <div></div> </div>
F. CODING THE FRONT FOG LAMP FUNCTION	<p>When this Fog Lamp Kit is newly installed, the front fog lamp function needs to be coded to the vehicle's ETACS unit. After completing the installation, perform the coding and then check that the fog lamp functions properly.</p>
F-1. CODING PROCEDURE WITHOUT “MUT- III”	<div data-bbox="871 779 1473 981" style="border: 1px solid black; border-radius: 15px; padding: 10px; margin-bottom: 10px;"> <div style="display: flex; align-items: center;">  <div style="margin-left: 5px;"> Note Operating the column switch in any way not mentioned here during the coding procedure may cancel the coding procedure. </div> </div> </div> <ol style="list-style-type: none"> 1) Sit on the driver's seat, close all the doors, turn the ignition switch to the “OFF” position and wait for 5 seconds or longer. 2) Fasten the driver's and front passenger's seatbelts (connect the tongues and buckles). 3) Turn the ignition switch to the “ON” position and, within 10 seconds, open and close a door 5 times. Then turn on the fog lamp switch and confirm that the buzzer sounds. 4) After confirming the buzzer, turn on and hold the fog lamp switch in the ON position for 3 seconds. Then the buzzer will sound once and the coding procedure will be completed. <p>If the buzzer sounds twice, the fog lamp is coded “inactive”. In such a case, disconnect and reconnect the battery (–) cable once, and then repeat the procedure.</p> <div data-bbox="871 1637 1473 1839" style="border: 1px solid black; border-radius: 15px; padding: 10px; margin-bottom: 10px;"> <div style="display: flex; align-items: center;">  <div style="margin-left: 5px;"> Note If no action is taken for 1 minute after the buzzer sounds, the coding procedure will be cancelled automatically. </div> </div> </div> <ol style="list-style-type: none"> 5) After completing the coding, turn the ignition switch to the “OFF” position.

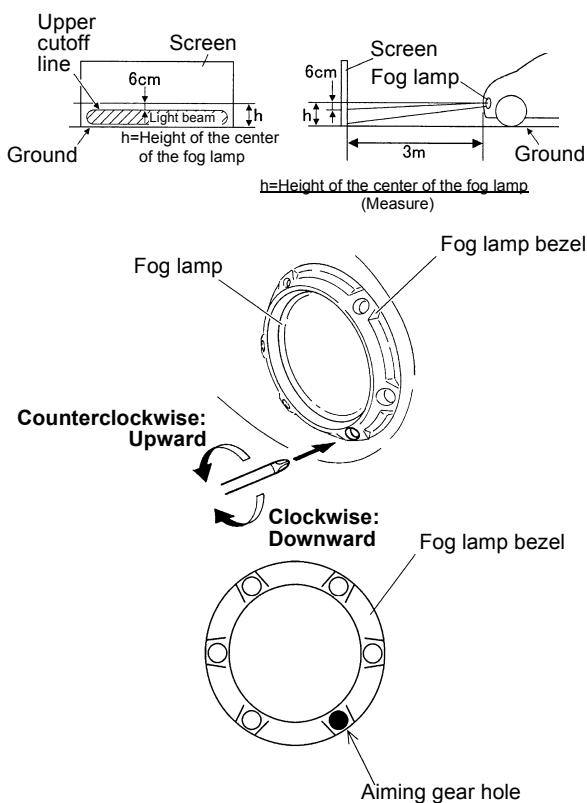
- 6) Check the operation of the fog lamp. Turning the fog lamp switch upward turns on the fog lamps and turning the switch downward turns them off. The fog lamps should illuminate only when the light switch is in the  position. The fog lamp indicator in the meter panel should also illuminate when the fog lamps illuminate. If the fog lamps do not illuminate, check the harness and connections.

F-2. CODING PROCEDURE USING “MUT-III”

Refer the workshop manual “GROUP 00-40, 41”.

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G. AIMING THE FOG LAMPS



The fog lamp beams must be adjusted to conform with local regulations.

To adjust the fog lamp beam direction (vertical direction), insert a Phillips screwdriver into a hole at the left lower side of the fog lamp bezel and turn the aiming gear.

Check	
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H. FINAL INSPECTION

- 1) After a test drive, check that the fasteners are tightened securely. Retighten if necessary.
- 2) Reprogram the radio and audio memories and adjust the clock. For the reprogramming procedure, refer to the owner's handbook.

Check	
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