



# TECH NOTES: DOOR AND WINDOW INSTALL/REMOVAL

**ATTENTION:** Refer to the appropriate shop manual for your vehicle to obtain specific service procedures for this part. If you do not have a service manual or lack the skill to install this part, it is recommended that you seek the services of a qualified technician. Pay special attention to all cautions and warnings included in the shop manual. Read and follow all instructions carefully.



## DOOR AND WINDOW INSTALL/REMOVAL

### INTERIOR DOOR HANDLE

- Prior to replacement compare the replacement unit to the original.
- Always use the proper tool to remove interior door handles.
- Always torque fasteners to specs (do not overtighten).
- Always replace door panel retaining clips.
- Replace all door rod clips.
- Check operation of door lock actuators, replace as necessary.
- Check operation of window regulator. Replace if binding, noisy or if operation is erratic.
- Inspect tape type window regulator for obvious damage to nylon tape. Replace the tape as necessary. (Hint: window will exhibit ratcheting type noise as tape skips)
- Do not damage water shield. It will need to be reused.

### EXTERNAL DOOR HANDLE

- Be sure to mask area around exterior handle before removal/installation to prevent paint damage.
- Prior to replacement compare the replacement unit to the original.
- Replace all rod retaining clips.
- Always torque fasteners to specs (do not overtighten).
- Always replace door panel retaining clips.
- Check operation of door lock actuators, replace as necessary.
- Check operation of window regulator. Replace if binding, noisy or if operation is erratic.
- Inspect tape type window regulator for obvious damage to nylon tape. Replace the tape as necessary. (Hint: window will exhibit ratcheting noise as tape skips)
- Do not damage water shield. It will need to be reused.
- Inspect all door hinge pins and strikers. Hint: if door drops when opened, hinge bushings and pins may be worn out.

### WINDOW HANDLE

- Never use a screwdriver to remove the handle or damage to the trim will occur.
- Always use the proper tool to remove interior door handles.
- Always compare the replacement to the defective original. Many are similar but, knobs are a different color.

#### Disclaimer:

Even though every attempt is made to ensure this information is complete and accurate, it is impossible to account for all possible circumstances or situations. Please consult with a qualified auto technician before attempting to perform any work you are not qualified to do. Automobiles can be hazardous to work on; be sure to take all necessary safety precautions. Failure to do so may result in property damage or personal injury. Certain motor vehicle standards and performance requirements may apply to your motor vehicle (such as Federal Motor Vehicle Safety Standards by the National Highway Traffic Safety Administration). Be sure that your work is performed in accordance with such standards and that you do not disable any motor vehicle safety feature.



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## WINDOW REGULATORS

- Follow the proper repair procedure for your vehicle as outlined in the shop manual to prevent damage and ensure a trouble free installation.
- Check operation of window regulator. Replace if binding, noisy or if operation is erratic
- Replace all rod retaining clips
- Remove original unit and compare the replacement unit to the original (some units are similar but mount different, etc)
- Always torque fasteners to specs (do not over-tighten). See shop manual.
- Always replace door panel retaining clips
- Check the operation of the door lock actuators. Replace if binding, erratic or inoperative.
- Inspect tape type window regulator for obvious damage to nylon tape. Replace the tape as necessary. (Hint: window will exhibit ratcheting type noise as tape skips)
- Carefully align all components. Operate window and check for binding BEFORE installing door panel. Make adjustments as required. Refer to shop manual for specific installation instructions.
- Do not damage water shield. It will need to be reused.
- Inspect all door hinge pins and strikers. Hint: if door drops when opened, hinge bushings and pins may be worn out. See catalog for replacement parts.

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