



GENUINE PARTS



INSTALLATION INSTRUCTIONS

- 1. DESCRIPTION:** Trailer Tow mirror kit (with power and heated)
Trailer Tow mirror kit (with power, heated, and memory)
- 2. APPLICATION:** 04 Titan, Armada, QX56
LE, SE, XE w/power door mirrors.
- 3. PART NUMBER:** 999T7 AQ000 (With power and heated only)
999T7 AQ001 (With power, heated and memory)

4. KIT CONTENTS:

No.	Qty.	Service P/N		Description
		Kit P/N 999T7 AQ000	Kit P/N 999T7 AQ001	
1	1	96301 8S100	96301 8S600	RH, Tow mirror assembly
2	1	96302 8S100	96302 8S600	LH, Tow mirror assembly
3	1	96305 7S200	96305 7S200	LH, inner door plate
4	1	96306 7S200	96306 7S200	RH, inner door plate
5	6	01121 0061U	01121 0061U	Bolt, T25 torx head
6	10	15-53 08371	15-53 08371	Panel fastener for door trim
7	1	---	---	Instruct. Replacement Template

5. TOOLS REQUIRED:

- Ratchet with 10mm hex socket
- #2 Phillips Screwdriver
- T25 Torx head screw driver
- PGF stick or flat head screw driver with tip wrapped in electrical tape
- Masking tape

6. INSTALLATION PRECAUTIONS / NOTES:

- 1) Close the front windows and turn vehicle off before beginning the installation.
- 2) Be careful not to damage the vehicle or the tow mirrors during the installation.

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7. INSTALLATION PROCEDURE:



- 1) Open the driver side door and remove the LH self adhesive trim piece covering the door mirror access holes by wedging PGF stick between trim piece and sheet metal until you can grasp trim piece with hand. Remove the self-adhesive trim piece.
- 2) Using masking tape, tape around each of the four holes for preventing the nuts from falling inside door during removal. (Fig 1)
- 3) Using your hands, grasp the door armrest trim and pull upward using a considerable amount of force until detached. Unscrew the exposed bolt. (Fig 2)
- 4) Pry off trim piece directly behind door opening handle using PGF stick. Unscrew the exposed bolt. (Fig 3)

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Fig 4

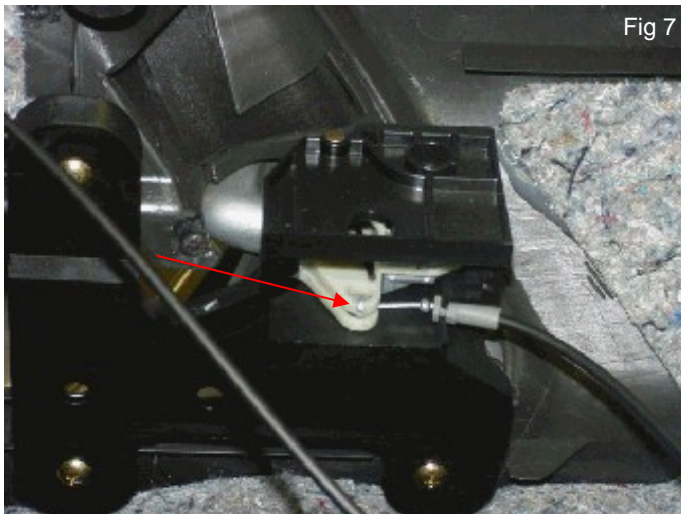
- 5) Pry off trim piece located on door grab handle using PGF stick. Unscrew the two (2) exposed bolts. (Fig 4)



Fig 5

- 6) Pry off trim piece that houses the window controls using PGF stick and disconnect all connectors. (Fig 5)
- 7) Disengage the light trim at bottom of door from door trim using PGF stick. Disconnect the light harness connector. (Step is required if applicable)

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- 8) Using your hands, grasp the entire door trim at its rear edge and pull trim apart from door sheet metal using considerable amount of force to disengage the plastic panel fasteners.
Note: hold the door panel up and do not allow it to hang by harnesses or door locking cables. (Fig 6)
- 9) Disconnect the door mirror harness connector and push into door for ease of removal. (Pull back the plastic film as necessary for gaining access to harness connector).
- 10) Disengage the two (2) door lock metal cables from the door trim. Set door trim aside in a safe location. (Fig 7)
- 11) Using 10mm hex ratchet, unscrew the four (4) nuts that hold the door mirror. (Keep the four (4) nuts).
- 12) Remove the door mirror assembly from the vehicle. You may have to “wiggle” the harness back and forth to remove the harness and connector from door. (Discard door mirror assembly).
- 13) Locate LH tow mirror assembly. Feed wire harness through door assembly opening then align tow mirror stud and temporary holder (push pin, “X-mass tree” fastener) and engage to hold tow mirror to the door.
Remove masking tape from step 2.
- 14) A) Secure the tow mirror to door by screwing a nut from step 11 onto the lower rearward attachment stud with 10mm hex ratchet with torque spec (7N.m). Be sure to align and hold tow

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mirror securely in place while tightening.

B) Locate LH inner doorplate PN 96305 7S200. Align it to attachment holes on inner door panel. Using 3 torx bolts (PN 01121 0061U), insert through the inner door plate into the base of the tow mirror. Tighten to recommended torque spec (7N.m).



Step 15: Route harness above this bracket and in front of window track bracket.

15) Route the tow mirror harness down through door assembly in front of front window track and above bracket per the picture. Connect the harness connector. (Be sure not to route the harness in the path of the door window; it will cause the window to jam.) (Fig 8)

16) As a window operability check, connect the window control connectors, turn vehicle on, and let window up and down. If there is interference, re-route the tow mirror harness around window path.

17) Reattach the plastic film.

18) Check door trim assembly to ensure that all panel fasteners are attached. Four (10) extra panel fasteners are included in kit in case any fasteners became detached during removal.

19) Reattach door trim and all trim pieces. (There are a total of four (4) screws). Ensure that lower door light harness is connected prior to reattaching door trim panel and doesn't interfere with door trim and that all panel fasteners engage properly during reattachment (if applicable).

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Note: It is easy to not fully engage the door lock metal cables. When reattaching door lock metal cables, ensure that cables are fully seated (there should be a double click when fully engaged properly).

- 20) Repeat steps 1 – 19 to mount the passenger side tow mirror.
- 21) Turn vehicle on and confirm that tow mirrors operate correctly (memory, heated, and power functions as applicable).