

MUTH **MUTH** **MIRROR SYSTEMS**

Signal[®] Mirror Replacement Sheet

Toyota Land Cruiser 1998-2005



D.I.O. Part Numbers - Complete Kit: 00012-50347-01

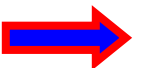
Service Part Numbers - Left Side Heated Mirror: 00012-50347-21, Right Side Heated Mirror: 00012-50347-22, Harness Kit: 00012-60901

THE safety accessory of the 21st Century. TM

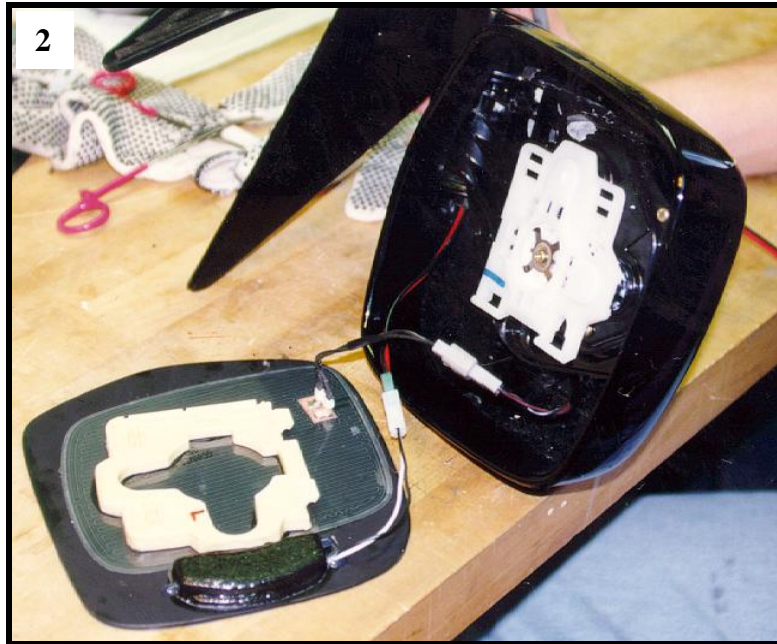
Signal® mirror Replacement – Always wear Safety Glasses (or goggles) & Sturdy Gloves.
Signal® mirror replacement is possible without removing the mirror housing from the vehicle.



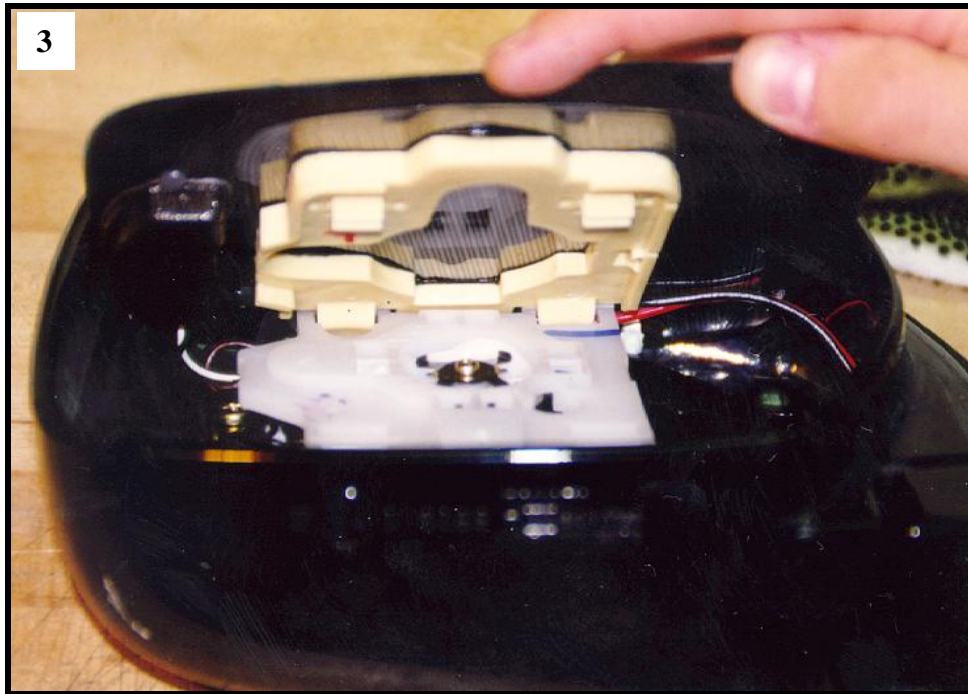
1. The *Signal®* mirror is held in the housing by two clips at the bottom of the *Signal®* mirror. Push on the top edge of the *Signal®* mirror to manually pivot the bottom fully outward. Insert a small pry bar or flat screwdriver in between the mirror mount (black) and the motor actuator (white). **CAUTION:** Be certain not to pry directly on the Glass. Apply steady *pressure* until the bottom of the *Signal®* mirror is dislodged from the mirror housing. Lift the *Signal®* mirror out of the mirror housing. Disconnect the *Signal®* mirror mating harness. If your *Signal®* mirror has the heater option, disconnect the wires at this time.



Signal® mirror Replacement Continued– Always wear Safety Glasses (or goggles) & Sturdy Gloves.



2. Connect the mating connector on the wire harness to the mating connector on the replacement *Signal*® mirror. If your replacement *Signal*® mirror has the heater option, connect the wires at this time. **NOTE: There is no polarity so the heater wires may be interchanged.** Tuck the wire harness behind the replacement *Signal*® mirror.
3. The replacement *Signal*® mirror has two hinges on the top and two snaps at the bottom. Place the replacement *Signal*® mirror in the mirror housing and guide the hinges into position. Remove any slack in the wire harness.
4. Lay the bottom of the replacement *Signal*® mirror into the mirror housing. Using the entire palm of your hand, gently apply even pressure across the bottom of the replacement *Signal*® mirror until it snaps in place. Press down on all sides of the replacement *Signal*® mirror to ensure proper engagement and operation.



PROFESSIONAL INSTALLATION RECOMMENDED

Warranty does not cover damage to vehicle or mirror housing due to improper installation. Muth Mirror Systems, LLC (MMS) assumes no responsibility with regard to the accuracy of this information. MMS assumes no liability or responsibility resulting from improper installation, even in reliance upon this information. Proper installation is the responsibility of the installer. It is your responsibility to verify any circuit before interfacing with it using a digital multimeter.

WARRANTY STATEMENT

The Signal® Mirror is warranted to be free from defects in materials and workmanship for a period of three years or 36,000 miles (whichever comes first) from date of sale to original purchaser. This warranty excludes labor, broken glass, or other situations that cause harm to the product after it has been shipped from the factory, such as damage, unreasonable use, modifications, or alterations. In the event of a defect, Muth reserves the right to evaluate the problem through Quality Control and, at Muth's discretion, replace the defective product. Any warranty or replacement part will be charged to the customer when shipped. Credit will be given when the defective part is returned to and received by Muth, and the replacement is warranted.

Muth products are protected by these, and other pending, United States Patents:

6,076,948; 6,257,746; 7,104,676; 7,327,321; 6,749,325; 7,241,037; 7,192,172; 7,273,307;
7,416,318; 6,045,243; D394,833; D409,540; D428,373; D426,506; D430,088; D426,507;
D428,372; D429,202; D428,842; D425,466; D427,128