

Part Number: PT37A-21130

Kit Contents

Item #	Quantity Reqd.	Description
1	1	Shift Knob
2	1	Customer care card
3		
4		with base adaptor attached
5		

Hardware Bag Contents

Item #	Quantity Reqd.	Description
1	1	Shift Pattern Decal for MT
2		
3		

Additional Items Required For Installation

Item #	Quantity Reqd.	Description
1		
2		
3		

Conflicts

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Recommended Tools

Personal & Vehicle Protection	Notes
Working gloves	
Special Tools	Notes
None	
Installation Tools	Notes
Clean terry cloth	
Special Chemicals	Notes
VDC approved cleaner	

General Applicability

tC M/T only

Recommended Sequence of Application

Item #	Accessory
1	
2	
3	

*Mandatory

Vehicle Service Parts (may be required for reassembly)

Item #	Quantity Reqd.	Description
1		
2		
3		

Legend

	STOP: Damage to the vehicle may occur. Do not proceed until process has been complied with.
	OPERATOR SAFETY: Use caution to avoid risk of injury.
	CAUTION: A process that must be carefully observed in order to reduce the risk of damage to the accessory/vehicle and to ensure a quality installation.
	TOOLS & EQUIPMENT: Used in Figures calls out the specific tools and equipment recommended for this process.
	REVISION MARK: This mark highlights a change in installation with respect to previous issue.
	SAFETY TORQUE: This mark indicates that torque is related to safety.

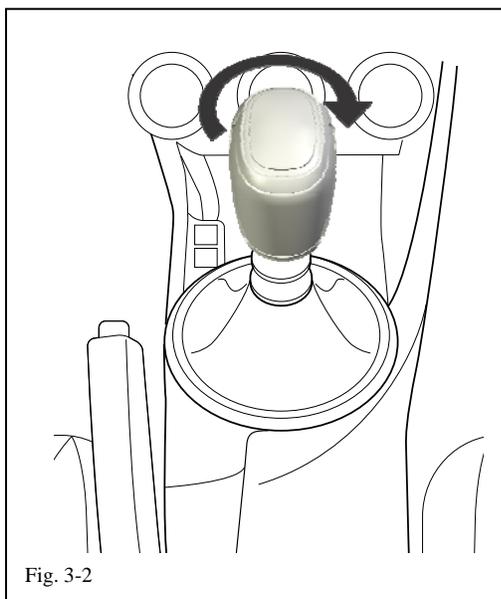
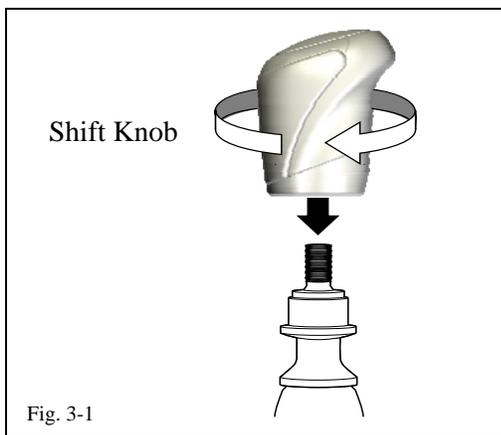
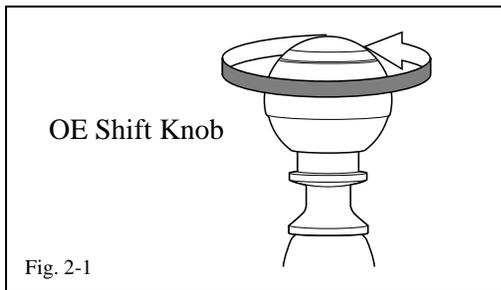
Care must be taken when installing this accessory to ensure damage does not occur to the vehicle. The installation of this accessory should follow approved guidelines to ensure a quality installation.

These guidelines can be found in the "Accessory Installation Practices" document.

This document covers such items as:-

- Vehicle Protection (use of covers and blankets, cleaning chemicals, etc.).
- Safety (eye protection, rechecking torque procedure, etc.).
- Vehicle Disassembly/Reassembly (panel removal, part storage, etc.).
- Electrical Component Disassembly/Reassembly (battery disconnection, connector removal, etc.).

Please see your Toyota dealer for a copy of this document.



1. Pre-Installation Precautions



(a) Make sure vehicle is on a flat surface and not on an incline/decline. Position the gear lever in neutral. (MT)



(b) Engage parking brake.

2. Remove OE Shift Knob

(a) Turn the OE shift knob counter-clockwise to loosen, then remove and set aside for later storage. (Fig. 2-1)

3. Install Shift Knob

(a) Lower shift knob onto shaft, apply downward pressure and turn clock-wise about 9 times until snug. (Fig. 3-1)

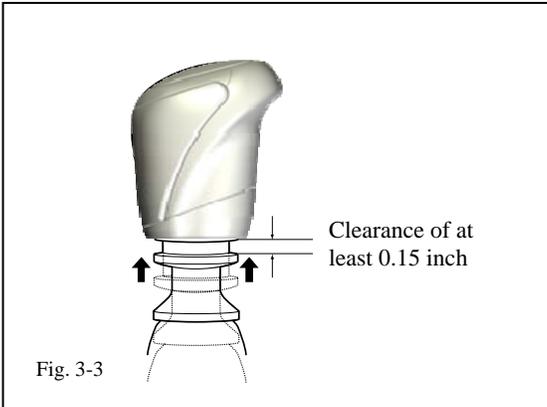


NOTE: The first 4 to 5 turns on the inner sleeve is pre-threaded, so initial effort will be easier. Operator should feel a difference in pressure after that. After achieving snug fit, turn the shift knob at least 180 degrees more.



NOTE: DO NOT over-tighten! Damage to inner sleeve may occur. If shift knob tightness is unsatisfactory after 9 turns, give one more full turn. DO NOT exceed 11 turns!

(b) Adjust shift knob so the logo is aligned with the center console. (Fig. 3-2)



- (c) Lift Reverse Ring and engage transmission in Reverse to make sure the operation is performed smoothly.

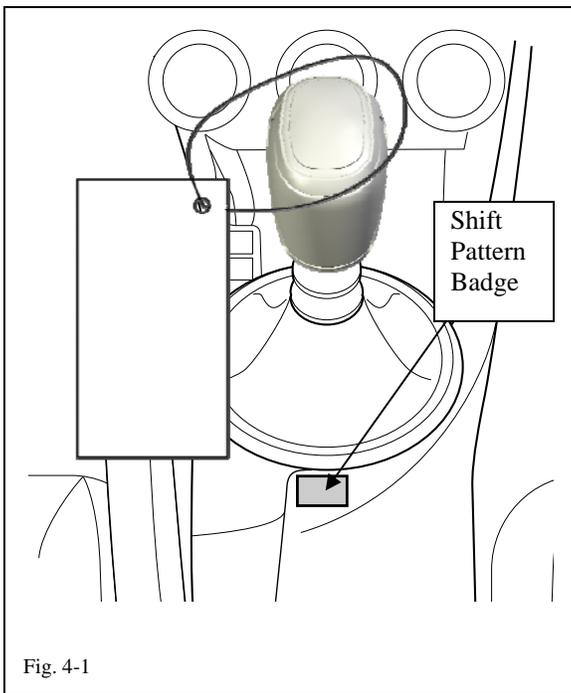
NOTE: A clearance of at least 0.15 inch should exist between bottom of the shift knob and top of the reverse ring when it is lifted. (Fig. 3-3)

4. Apply Shift Pattern Badge (M/T only)

- (a) Locate the area for the shift pattern badge on the center console.
- (b) Clean console surface with VDC approved cleaner and wipe dry with a clean terry cloth.

NOTE: Do not touch or allow debris or contaminants to come into contact with the surface after cleaning.

- (c) Remove tape liner on bottom of badge and apply firmly onto selected location. (Fig. 4-1)
- (d) Hang customer care card over shift knob. (Fig. 4-1)



5. OE Shift Knob Storage

- (a) Insert OE shift knob into poly bag of Solar Shift Knob and place in glove box.

CAUTION: The shift knob can become extremely hot when the vehicle is parked under direct sunlight. Please be mindful of this and take necessary precautions.

Checklist - these points **MUST** be checked to ensure a quality installation.

<u>Check:</u>	<u>Look For:</u>
<p><u>Accessory Function Checks</u></p> <p><input type="checkbox"/> Shift Pattern Decal</p>	<p>Make sure the decal is affixed on the correct location and properly aligned.</p>
<p><u>Vehicle Function Checks</u></p> <p> <input type="checkbox"/> Sport Shift Knob to Shaft</p> <p><input type="checkbox"/> OE shift knob removed</p>	<p>Shift knob is securely installed with no vertical or rotational movement.</p> <p>Shift knob allows full range of motion through all gears.</p> <p>OE shift knob placed in the poly bag of the Solar shift knob and located in glove box.</p>
<p><u>Vehicle Appearance Check</u></p> <p><input type="checkbox"/> After accessory installation and removal of protective cover(s), perform a visual inspection.</p>	<p>Ensure no damage (including scuffs and scratches) was caused during the installation process. (For PPO installations, refer to TMS Accessory Quality Shipping Standard.)</p>