

Part Number: PTR04-35051 (2WD) PTR04-35052 (4WD)

Kit Contents

Item #	Quantity Reqd.	Description
1	1	Lever assembly
2	1	Spacer assembly
3	1	Hardware bag
4	1	Installation instructions

Hardware Bag Contents

Item #	Quantity Reqd.	Description
1	4	8mm x 1.25 x 50mm long bolt

Additional Items Required For Installation

Item #	Quantity Reqd.	Description
1	1	FIPG #00295-01281

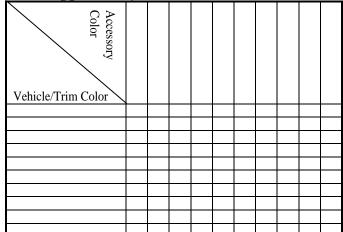
Conflicts

Note: None

Recommended Tools

Kecommended 1 ools		
Safety Tools		
Work gloves		
Eye protection	safety glasses	
Special Tools		
1-inch chassis punch	4WD/PreRunner models	
Torque wrench: ³ / ₈ inch drive	15 lbsft set range	
Lock-ring pliers: MAC	or similar (optional)	
Tools P21A		
Installation Tools		
12mm socket	3/8" drive	
³ / ₈ inch drive ratchet		
3-inch extension	3/8" drive	
12mm offset box wrench	4WD models only	
10mm socket	¹ /4" drive	
10-12 inch extension	¹ /4" drive	
¹ / ₄ inch drive ratchet		
Flat blade screwdriver		
Phillips screwdriver		
Plastic mallet	or other non-marring mallet	
Gasket scraper	Snap-on CSA8B or similar	
7/16" open end wrench	or adjustable wrench	
Special Chemicals		
3M Ultra-Pro Body Sealant	4WD/PreRunner models	

Color Applicability/Trim Level



General Applicability

Note: 2005- Tacoma with RA-60, 6-Spd. transmission

Recommended Sequence of Application

Item #	Accessory
1	Spacer assembly
2	Lever assembly
3	Shift knob
4	

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
CRITICAL PROCESS: Proceed with caution to ensure a quality installation. These points will be audited on a completed vehicle installation
GENERAL PROCESS: This highlights specific processes to ensure a quality installation. These points will be audited during the accessory installation
TOOLS & EQUIPMENT: This calls out the specific tools and equipment required for this process

Please see page 7 for important "Care and Maintenance" information!

*Mandatory

Section II – Installation Procedure



A. Check Kit Contents

1. Open box and inspect parts.

B. Vehicle Preparation

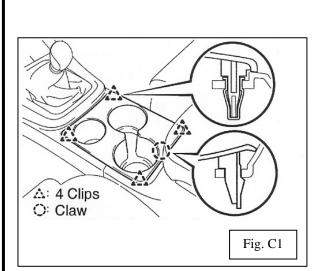
1. Cover front seats with blankets or plastic seat protectors.

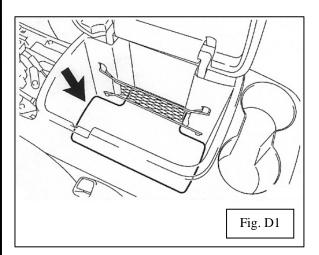
C. Remove Console Upper Rear Panel Sub-Assy.

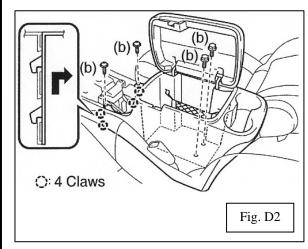
 Disengage the 4 clips and claw, and remove the console upper panel rear sub-assembly. (Fig. C1)

D. Remove Console Box Rear Assembly

1. Remove the console box carpet. (Fig D1)







- 2. Remove the 2 front screws and 2 rear bolts and save for re-use. (Fig D2)
- 3. Disengage the 4 claws and remove the console box rear assembly. (Fig. D2)



E. Remove Console Box Front

- 1. Remove the shift knob. (Fig. E1: a)
- 2. Remove the 2 screws. (Fig. E1: b)
- 3. Disengage the 2 clips and claw, and remove the console box front. (Fig. E1)

Note: It will be easier to remove the console box front with the transmission in 2^{nd} , 4^{th} , or 6^{th} gear.

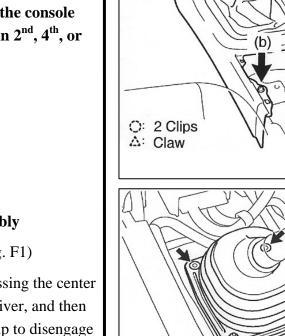
F. Remove Shift Lever Boot Assembly

- 1. Remove the rear 2 screws. (Fig. F1)
- Remove front 2 clips by depressing the center pin down with a small screwdriver, and then lift the shift lever boot flange up to disengage the clips. Save clips and screws for re-use. (Fig. F1)

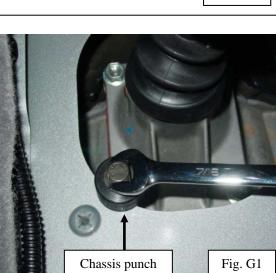
G. Clearance Transmission Tunnel: 4WD/PreRunner Models

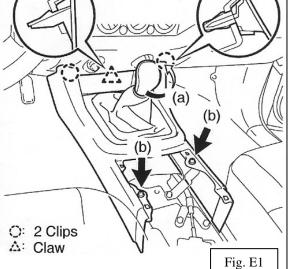
If necessary, use a 1-inch chassis punch to clearance the sheet metal directly above the driver-side rear bolt which secures the shift lever retainer. (Fig. G1)

Note: The proper clearance is correct when a 12mm socket with extension can be used to remove the driver-side rear bolt from the shift lever retainer.

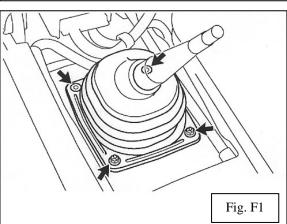


2005-





RA-60 QUICKSHIFTER

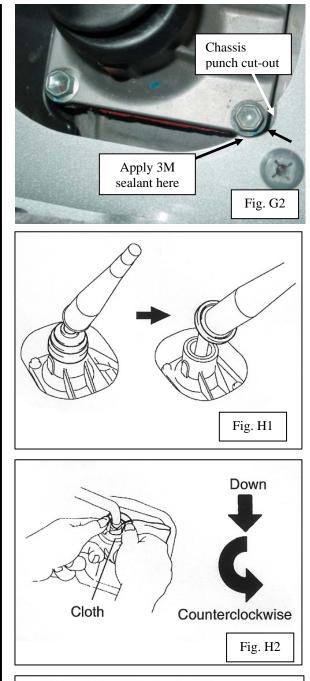


6-Speed Tacoma Section II – Installation Procedure

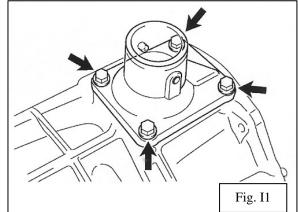
 If the chassis punch was used in Step G1, then apply 3M Ultra-Pro Body Sealant to the exposed metal surface as shown. (Fig. G2)

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- H. Remove Shift Lever Assembly
 - 1. Separate the shift lever cap boot from the shift lever retainer. (Fig H1)



RA-60 QUICKSHIFTER



Cover the shift lever cap with a cloth. Press down on the shift lever cap, and turn it counter clock-wise to remove the shift lever. (Fig. H2)

Note: MAC Tools P21A lock-ring pliers (or similar) may be used to locate on the flats of the shift lever cap to assist in turning counterclockwise. Use a flat blade screwdriver to press down on the shift lever cap while turning.

I. Remove Shift Lever Retainer

1. Remove the 4 bolts that secure the shift lever retainer to the transmission. (Fig. I1)



Section II – Installation Procedure

2. If necessary, use a plastic head hammer to tap the shift lever retainer to remove it from the transmission. (Fig I2)

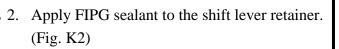
J. Clean Gasket Surfaces

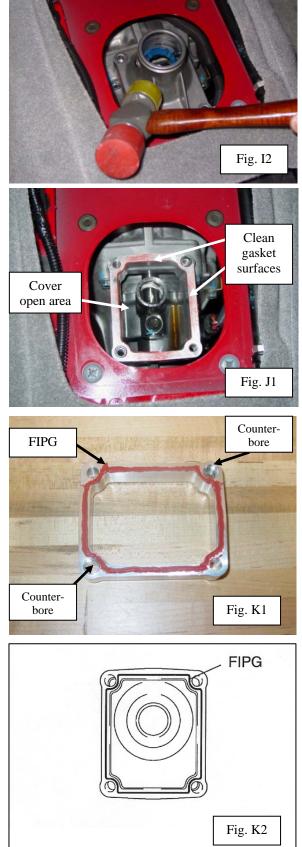
 Clean shift lever retainer and transmission gasket surfaces. A gasket scraper may be used.

Caution: Place a clean shop cloth over the open shift retainer area to keep gasket material out.

K. Apply FIPG Sealant (All)

1. Apply FIPG sealant to the lower-side ("LWR" mark) of the supplied spacer. (Fig. K1) The lower-side also contains two counter-bores to locate on the dowels in the transmission case.







Section II – Installation Procedure

L. Install Spacer and Shift Lever Retainer

 Install spacer onto transmission. Make sure dowels engage correct larger counter-bored holes. (Fig L1)

- Install shift lever retainer on to spacer. Again, make sure dowels engage correct larger counter-bored holes.
 - Install 4 supplied 50mm long bolts. Tighten bolts using a star pattern. (Fig. L2) Torque bolts to 15 lbs.-ft.

M. Install TRD Shift Lever Assembly

 Install TRD quickshifter lever assembly by following the reverse procedures from Step H2, then Step H1.

N. Check Gearshift Engagement

- Install original equipment (OE) shift knob and validate access to all gears, including reverse.
 - 2. Remove OE shift knob when done.

O. Install Shift Lever Boot Assembly

 Use the reverse procedure from Steps F2 and F1 to install shift lever boot.





Section II – Installation Procedure

P. Re-install Console Box Front

1. Re-install console box front by using the reverse procedures from Steps E3, E2, and E1.

Q. Re-install Console Box Rear Assembly

 Re-install console box rear assembly by using the reverse procedures from Steps D3, D2, and D1.

R. Re-install Console Upper Rear Panel Sub-Assy.

1. Re-install console upper rear panel subassembly by using the reverse procedure from Step C1.

S. Install Shift Knob

1. Install OE shift knob onto shift lever so gearshift pattern is in correct position.

Care and Maintenance

• Your TRD Quickshifter has a painted finish and needs no special cleaning or maintenance. The shift lever is covered by the factory rubber boot and also the leather boot attached to the console box front.





Section III – Functional Verifications

Check:

- Shifter function
- Shift knob

Look For:

- Gear engagement in all six gears and reverse.
- Correct shift knob clocking