



Hilux

Pro-Lock Retrofit

Installation instructions

Model year: 2005/07, 2006/05, 2008/08, 2010/08, 2011/08

Vehicle code: KUN***

Part number: PZ477-N9B20-52

Manual reference number: AIM 002 534-0

PRO-LOCK RETROFIT INSTRUCTIONS



IMPORTANT!

Read all instructions carefully before commencing any work. Please follow the step-by-step instructions and always wear safety equipment.

Items supplied in this kit include:



Recommended Tools

Screw driver (flat & Phillips)
Hammer
Adjustable wrench

Drill
5mm drill bit
Pliers

A. REMOVAL OF KEY OPERATED LOCK AND HANDLE



Fig. 1



Fig. 2

1. Using a Phillips screw driver, unscrew the center screw to release the handle assembly. With the inside handle removed from the lock, use a set of pliers to remove the black retaining rings (Fig. 1). Release the spring from the handle and use an adjustable wrench to unscrew the Keps nuts that hold it on to the stud (Fig. 2).



Fig. 3



Fig. 4

2. With that same wrench, unscrew the main nut to release the lock. Be careful not to damage the paint finish on the rod cover (Fig. 3). Remove the lock mounting plate with a flat head screw driver (Fig. 4).



IMPORTANT!

Care must be taken to ensure that the tailgate glass door does not get scratched or damaged.

B. INSTALLATION OF PRO-LOCK HANDLE



Fig. 5



Fig. 6

3. Remove the sticker on the back of the supplied Pro-Lock unit and place the Pro-Lock outside handle on the tailgate door with the arrows pointing downward as shown (Fig. 5). Install the Pro-Lock washer and main nut in the order shown (Fig. 6).

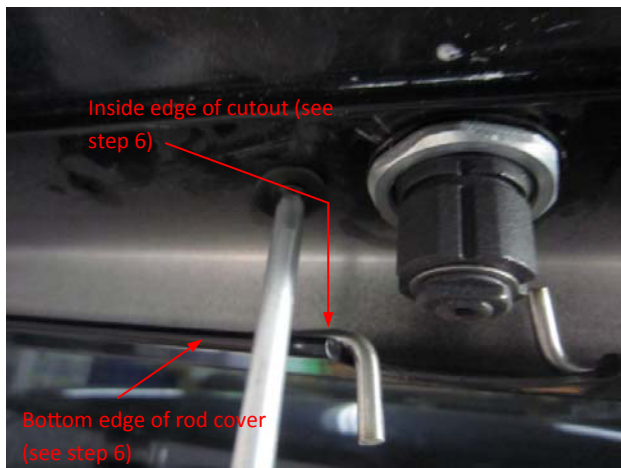


Fig. 7

4. Tighten the main nut to hold the Pro-Lock handle in place. Be careful not to damage the paint finish on the rod cover. Use the two screws (item #9) and their washers (item #11) to secure the Pro-Lock handle.



Fig. 8



Fig. 9

5. With a non-permanent marker, mark a faint line about 65mm from the inside edge of the semi-circular cutout in the rod cover (see Fig. 7). On that same line, mark a faint point approximately 10mm from the bottom edge of the rod cover (refer to Fig. 7 for clarification).

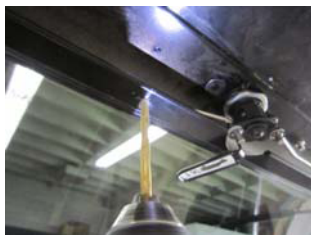


Fig. 10



Fig. 11

6. Using a drill and a 5mm diameter bit, drill a hole centered on the previously marked point. Make sure the drill is perpendicular to the rod cover surface (Fig. 10). Clear the marking and any metal shavings and align the stud (item #6) perpendicular to the rod cover surface before using a hammer to force the stud through the hole (Fig. 11).



Fig. 12



Fig. 13

7. Once fully through, the stud will loosely fit in its hole. Secure the stud in place by using one of the Keps nuts provided, and tighten it with an adjustable wrench. Be careful not to damage the paint finish on the rod cover. Install the 5mm washer (item #4) on top of the hooped end of the spring. Secure the hooped end of the spring by installing the second Keps nut on top of the washer (Fig. 13) and tighten fully at step 11.

! IMPORTANT!

To correctly install the spring, the hooped end must be centered at the stud with the spring body resting above the Keps nut (Fig. 12).



Fig. 14



Fig. 15 (item #12)

8. Install the Pro-Lock plastic cover and secure at groove (Fig. 14). Place the sticker on the handle and install the nylon inserts in their proper locations as seen here. Note that the nylon inserts are correctly positioned with their flanged ends facing the handle arm (Fig. 15).

! IMPORTANT!

The insert closer to the handle arm requires a washer.



Fig. 16

9. Connect the extended end of the spring to the driver's side rod and mate it underneath one retaining ring. Attach the assembled handle and align the washer (and insert) with the driver's side rod. Secure in place with another retaining ring.

Attention! The handle arm should be pointing away from you and the flanged end of the insert and the washer should be in contact (no gap).

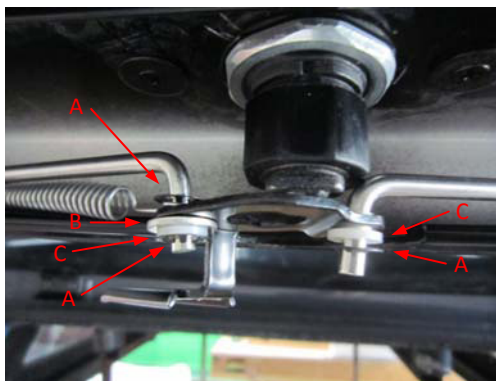


Fig. 17

10. Align the other side of the handle with the passenger's side rod and use a retaining ring to secure in place.

A = Retaining ring.
 B = Washer.
 C = Nylon insert.



Fig. 18

11. Use the slotted washer and mate it with Pro-Lock unit while turning the screw. Tighten the Keps nut at the hooped end of the spring (from step 7, Fig. 13) to complete the installation.



Fig. 19

Retrofit is complete.