

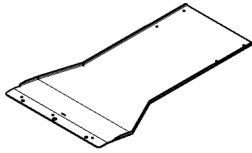
INSTALLATION GUIDE

**2020 - Current
FORD POLICE INTERCEPTOR UTILITY
TRANSMISSION SKID PLATE
TSP47UINT20G AND TSP47UINT20H**

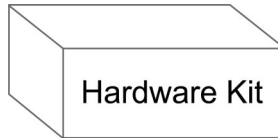
Pro-gardTM
PRODUCTS LLC.

STRONG. RELIABLE. SECURE.

**THESE COMPONENTS ARE REQUIRED
TO INSTALL THE TRANSMISSION SKID PLATE**

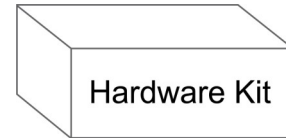


3SKP472001



3SKK472001

OR



3SKK472002

I. The following tools will be required to complete the installation

- | | | |
|----------------|----------------------|--------------------|
| A. 7mm Socket | C. 13mm Socket | E. T40 Torx driver |
| B. 10mm Socket | D. Trim removal tool | F. Utility knife |

II. Read all instructions and refer to the last page to ensure all parts were received

WARNING: *Locate all wiring, fuel lines, brake lines, coolant lines, and refrigerant lines before drilling any holes or installing any self-drilling fasteners.*

NOTE: If installing SK47UINT20, install it now. Follow the instructions included with the front skid plate through the end of Section IV - leave the OEM splash guards off to aid with this installation.

III. Disassembly

- A. Using a 7mm socket remove the (13) screws holding the plastic splash pan to the vehicle.
- B. With a trim removal tool remove the (2) plastics clips from the pan. One clip is smaller than the other - make note of the location the smaller clip goes in.
- C. Slide the plastic splash pan out of the fascia, remove from the vehicle, and set aside.
- D. Using a 7mm socket remove the (3) screws from the carpeted oil pan cover.
- E. Using a trim removal tool remove the (2) round plastic clips and unlock the (2) rectangular plastic clips.
- F. Lower the carpeted oil pan cover away from the vehicle and set aside.

IV. Installation

- A. Clip a U-nut [3X277] onto each of the (3) locations marked in Figure 1. If the front skid plate is already installed, simply remove the 3 rearmost button head bolts [3X276] using a T40 Torx driver.
- B. Locate the Transmission Skid Plate Rear Bracket and verify it is the correct bracket for the vehicle it is being installed on - 3SKP472002 for Hybrid powertrains and 3SKP472003 for all other powertrains.

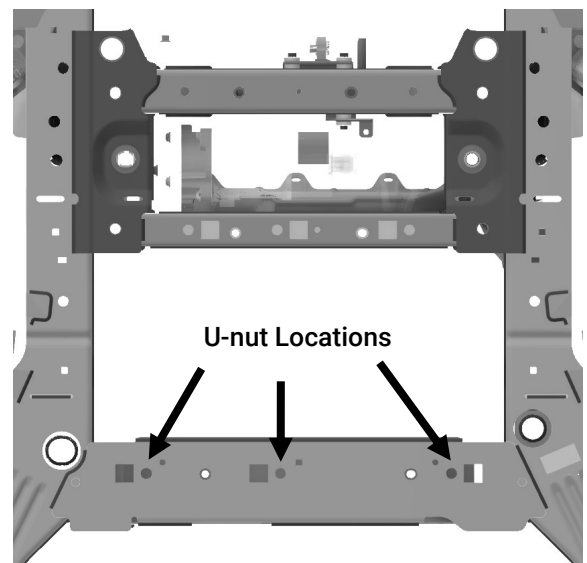


Figure 1

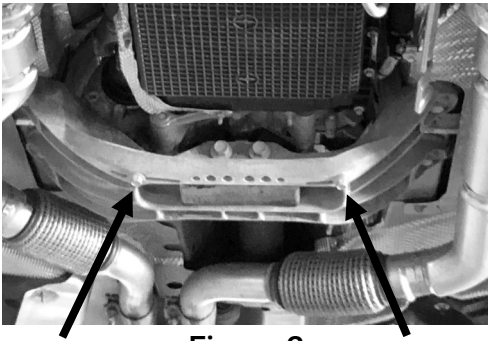


Figure 2

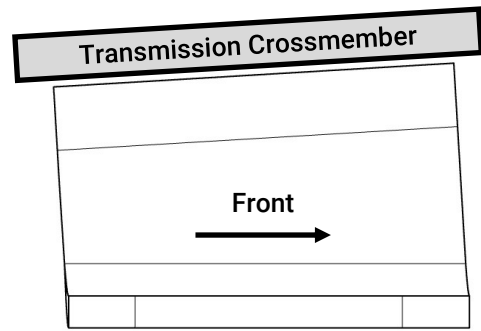


Figure 3

- C. Align the rear bracket with the holes in the transmission crossmember identified in Figure 2. Ensure the bracket is oriented such that the flanges that will hold the skid plate are horizontal (Fig. 3).
- D. Install the rear bracket using the (2) Tri-lobe thread rolling fasteners [3X286]. Do not overtighten the bolts.
- E. Clip a U-nut [3X277] over each of the (2) holes in the rear bracket with the threaded side closest to the vehicle.
- F. Prepare the corresponding button head bolts near the locations where they will be used. The (3) longer (1 1/2") bolts [3X276] will be used at the front of the transmission skid plate and the (2) shorter (3/4") bolts [3X285] will be used at the rear bracket that was installed in Step D.
- G. Lift the Transmission Skid Plate [3SKP472001] into position on the vehicle and loosely thread a corresponding bolt into each of the (5) U-nuts (Fig. 4). Take care in this step as the skid plate weighs nearly 25 pounds.
- H. Using a T40 Torx driver tighten the (5) bolts that were loosely installed in Step G.

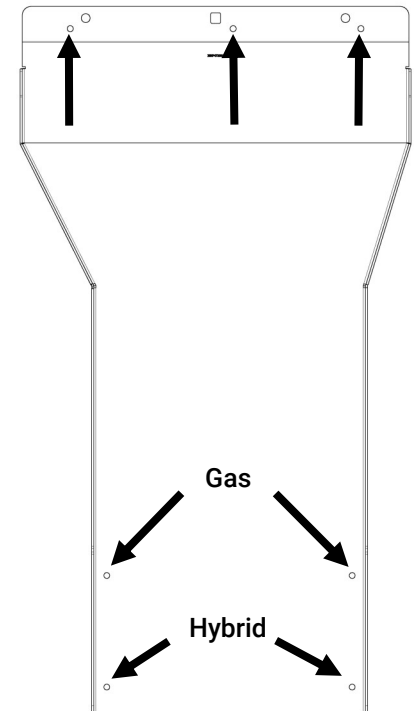


Figure 4

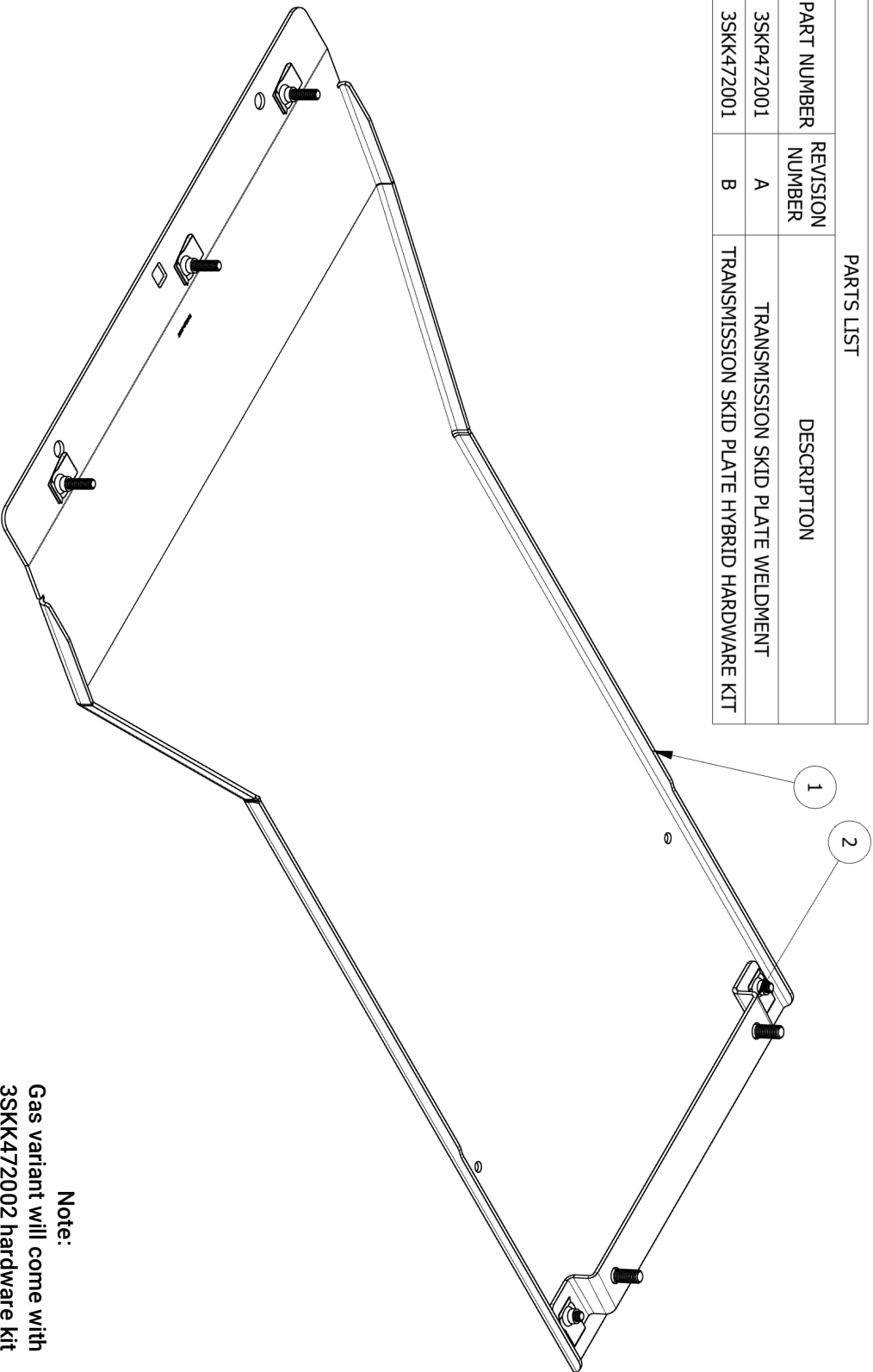
V. Reassembly

- A. Position the carpeted oil pan cover back into place on the vehicle.
- B. Mark the locations where the cover contacts the button head bolts and trim using a utility knife.
- C. Reinstall the oil pan cover starting with the (2) square plastic clips and the (2) rearmost round plastic clips.
- D. Using a 7mm socket reinstall the (3) rearmost screws.
- E. Slide the plastic splash pan back into the fascia and position on the vehicle.
- F. Starting with the screws that attach the pan to the fascia, reinstall all (13) screws with a 7mm socket.
- G. Install the remaining (2) plastic clips.

Installation complete

If you have any problems with this installation or have any questions please call (800-480-6680) and ask for technical assistance.

PARTS LIST				
ITEM	QTY	PART NUMBER	REVISION NUMBER	DESCRIPTION
1	1	3SKP472001	A	TRANSMISSION SKID PLATE WELDMENT
2	1	3SKK472001	B	TRANSMISSION SKID PLATE HYBRID HARDWARE KIT



Note:
Gas variant will come with
3SKK472002 hardware kit