



3651 N Highway 89 • Chino Valley, AZ 86323  
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# JEEP WRANGLER/RUBICON (TJ) JEEP UNLIMITED (TJL) STEERING BOX SKID PLATE INSTALLATION INSTRUCTIONS 1997-2006 KIT # 81002

**⚠WARNING**  
Installation of a Performance Accessories skid plate will not prevent damage to the skid plate or the vehicle in the event of a collision with moving or nonmoving objects.

**⚠WARNING**  
Read and understand all instructions, warnings, cautions, and notes in this sheet and in your owners manual before you begin installing this skid plate kit.

**⚠CAUTION**  
Proper installation of a Performance Accessories skid plate kit requires knowledge of the factory recommended procedures for disassembly and assembly of original equipment components. We recommend that the factory shop manual and any special tools necessary to your vehicle be on hand during the installation. Installation of this skid plate kit without proper knowledge of the factory recommended procedures may affect the performance of these components and the safety of your vehicle. We strongly recommend that a certified mechanic familiar with the installation of similar components install this skid plate kit.

**WARNING**  
Always wear eye protection when operating power tools.

## A. Before you start

**⚠NOTE**  
Performance Accessories recommends using the Loctite® supplied in the kit on all hardware unless noted in the instructions.

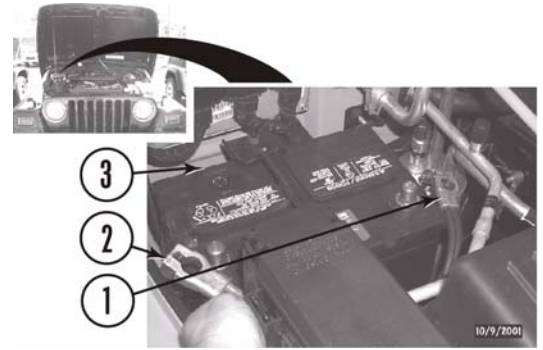
**⚠NOTE**  
As you read through this procedure, note that each part referenced has the same callout number throughout. Also, the part number in the text matches the corresponding part number in the art. Kit parts are prefaced by the word *kit* in italics.

**⚠NOTE**  
You will find it easier to keep track of hardware if immediately after removal you put the fasteners for each subassembly in a paper lunch bag and write on the bag where they go.

1. Read all warnings and instructions completely and carefully before you begin.
2. Check to make sure the kit is complete (refer to the Parts List).
3. Only install this kit on the vehicle for which it is intended. If anytime during the installation you encounter something different from what is outlined in the instructions, call technical support at (928) 636-7080.
4. Park vehicle on a clean, dry, flat, level surface and block the tires so vehicle cannot roll in either direction.

5. Disconnect both battery cables.

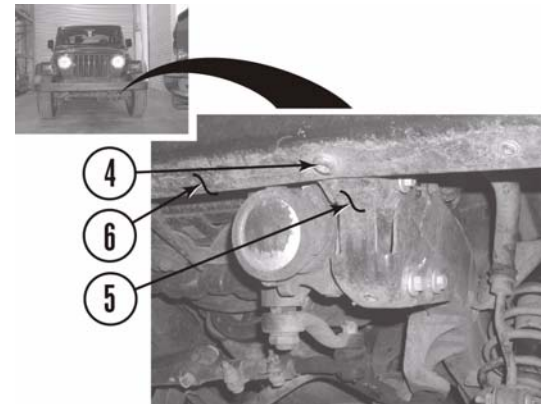
- a. Disconnect the negative cable (1) first, then the positive cable (2) from the battery (3).



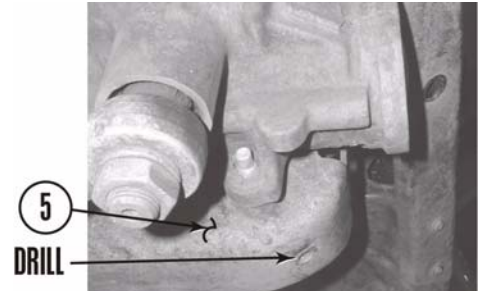
## B. Get ready to install the kit.

1. Jeep front bumper bolt.

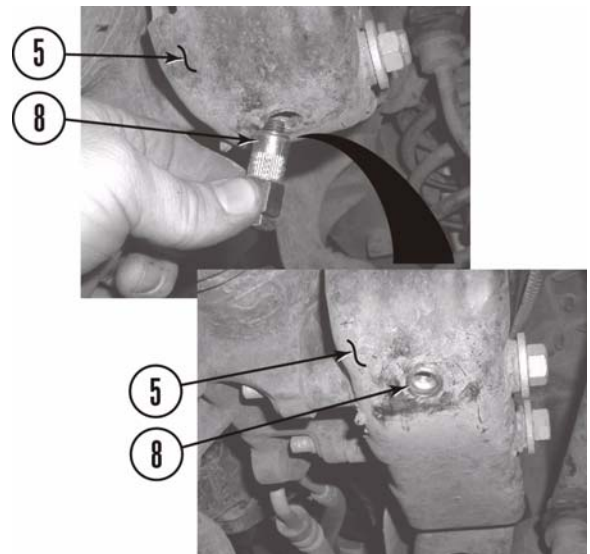
- a. Remove bolt (4) from frame (5) and front bumper (6).



- b. Drill existing hole in frame (5) with .537" diameter drill bit.



- c. Position *kit* rivet nut (8) on frame (5) as shown. Install *kit* rivet nut on frame according to manufacturer's instructions.



2. Mark frame and bumper for drilling.

- a. Install *kit* skid plate (7) on frame (5) and front bumper (6) with bolt (4). Do not tighten.
- b. Mark bumper (6) as shown.
- c. Remove bolt (4) and *kit* skid plate (7) from frame (5) and front bumper (6).



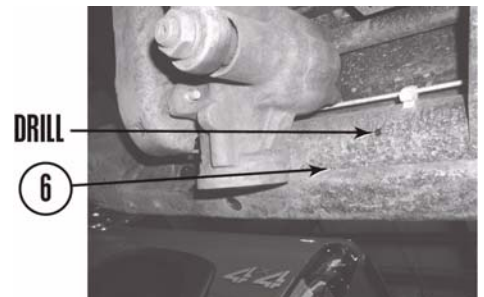
- d. Drill front bumper (6) where marked with .25" diameter drill bit.

**C. Install the kit**

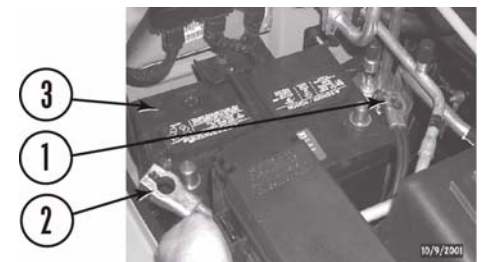
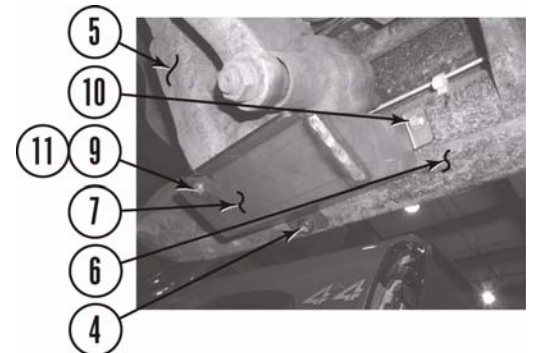
1. Installing skid plate.

**⚠NOTE**  
Performance Accessories recommends using the Loctite® supplied in the *kit* on all hardware unless noted in the instructions.

- a. Lightly coat threads of *kit* 8mm x 50mm bolt (9) and *kit* 5/16" x 3/4" self tapping bolt (10) with Loctite®.
- b. Install *kit* skid plate (7) on frame (5) and bumper (6) with bolt (4), *kit* 8mm x 50mm bolt (9) *kit* 5/16" USS washer (11), and *kit* 5/16" x 3/4" self tapping bolt (10).



- c. Connect the positive cable (2) first, then the negative cable (1) on the battery (3).



## D. After installation is complete

1. Double check the vehicle.

### **⚠CAUTION**

Retorque all fasteners after 500 miles and after off road use. All skid plate components should be visually inspected and fasteners retorqued during routine vehicle servicing.

- a. Check all mounting hardware to ensure it is properly tightened.

### **Kit Parts List**

#### **QuantityDescription**

1	Skid plate
1	5/16" x 3/4" selftapping bolt
1	8mm x 50mm bolt
1	5/16" USS washer
1	Rivet nut / installation tool
1	6ml bottle Loctite
1	Logo sticker