



## FJ Cruiser / Prado 150

### Under Vehicle Protection Installation Instructions

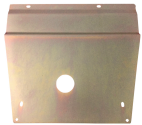


## Contents



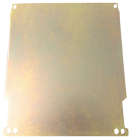
1. Front Guard

1



2. Sump Guard

1



3. Transmission Guard

1



4. 20mm Spacer

2



5. 12mm Spacer

2



6. M8 x 50mm Hex Bolt

2



7. M8 x 35mm Hex Bolt

2



8. M8 x 30mm Hex Bolt

2



9. M8 x 20mm Hex Bolt

2



10. Washer

10



11. Nylon Nut

2

## Tools Required

12mm Hex Socket  
13mm Hex Socket  
13mm Spanner

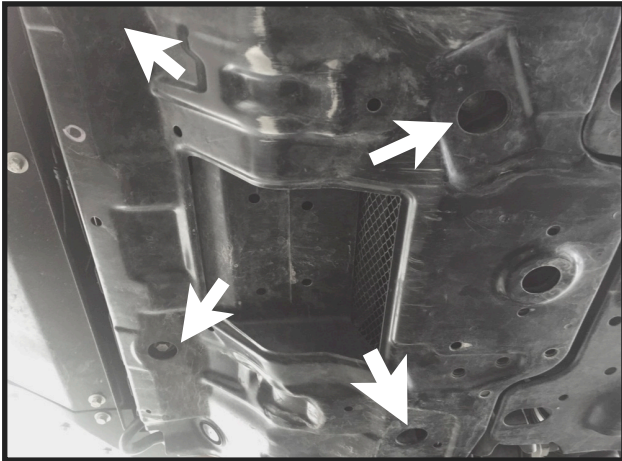
## Time

Allow 20 - 30 minutes  
Assistance is recommended

## Section 1 Removing Factory Equipment

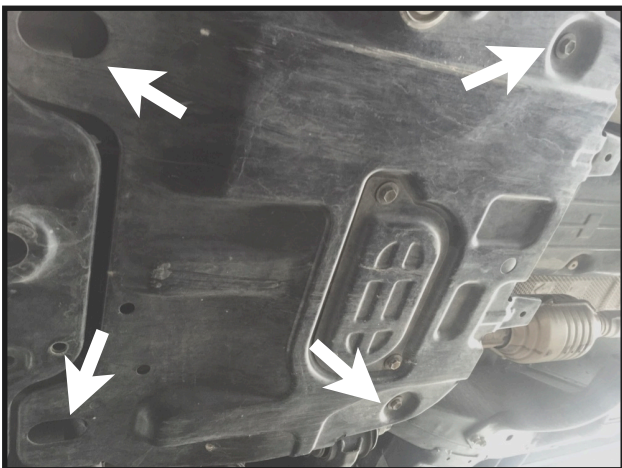
1.

With the assistance of another person, use a 12mm Hex Socket to remove and discard 4 x bolts from factory front guards (note - front guard will drop with all bolts removed)



2.

Repeat the above to remove and discard 4 x bolts from the factory sump guard



tip - make note of 4 x threads holding factory sump guard. These 4 x threads will be used to mount your Bushskinz Sump Guard in Section 2

## Section 2.1 Installing Bushskinz UVP Sump Guard

Example



1.

With the assistance of another person, raise the Bushskinz Sump Guard into place as shown above.

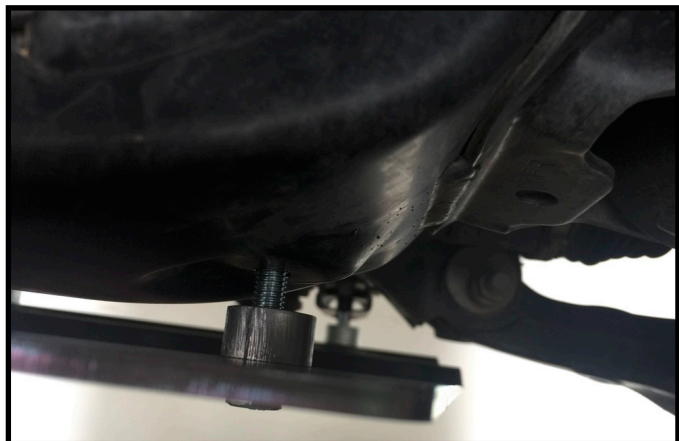
Secure the forward section into place using 2 x M8 x 50mm Hex Bolts, 2 x 20mm Spacers, 2 x Washers as shown below. Only rotate each bolt several turns





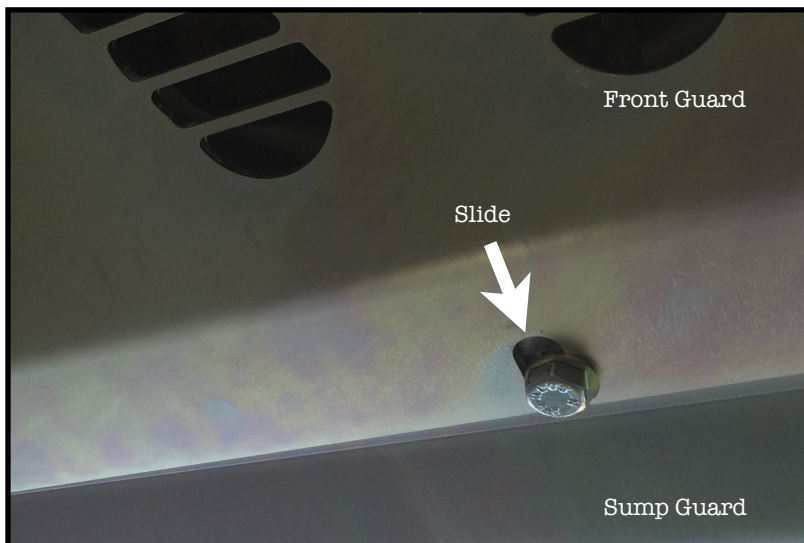
2.

Secure the rear section into place using 2 x M8 x 35mm Hex Bolts, 2 x 12mm Spacers, 2 x Washers as shown below.



1.

Position Bushskinz Front Guard into place by sliding rear section between Bushskinz Sump Guard and Washer



## Section 2.2

### Installing Bushskinz UVP Front Guard

Example





2.

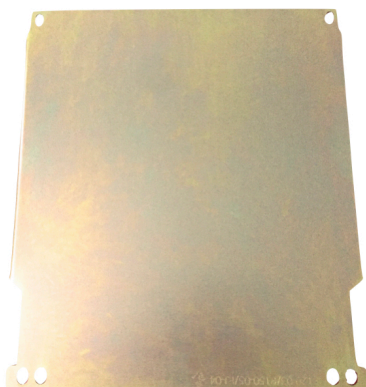
Secure the forward section into place using 2 x M8 x 30mm Hex Bolts, 2 x Washers as shown below. Only rotate each bolt several turns



Note - If you have not purchased the optional Bushskinz Transmission Guard, please proceed to step 3

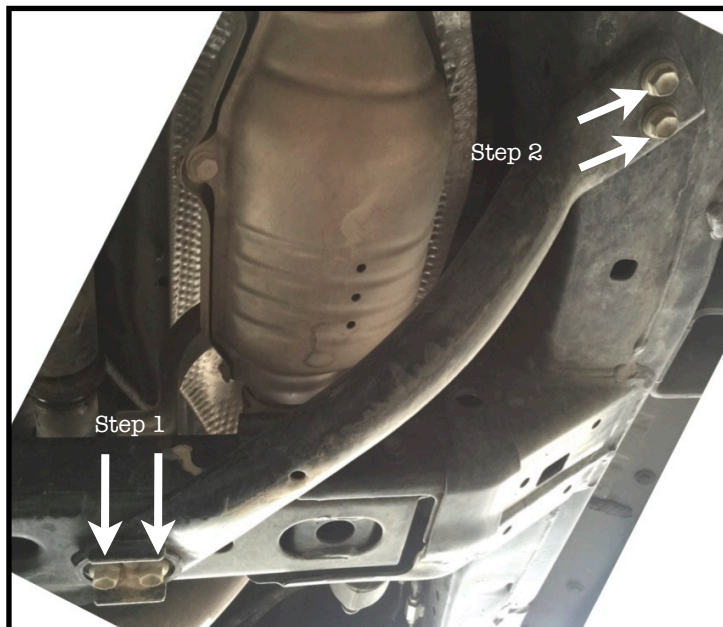
### Section 2.3 Installing Bushskinz UVP Transmission Guard

Ensure step 1 and 2 in section 2.3 are completed before attempting to lift the Bushskinz Transmission Guard into place



forward side

aft side



1.

Using a 12mm Hex Socket, remove and retain 2 x bolts (on each side) that secure the brace to the cross-member as shown above

2.

Using a 12mm Hex Socket, loosen 2 x bolts (on each side) that secure the brace to the chassis rail.

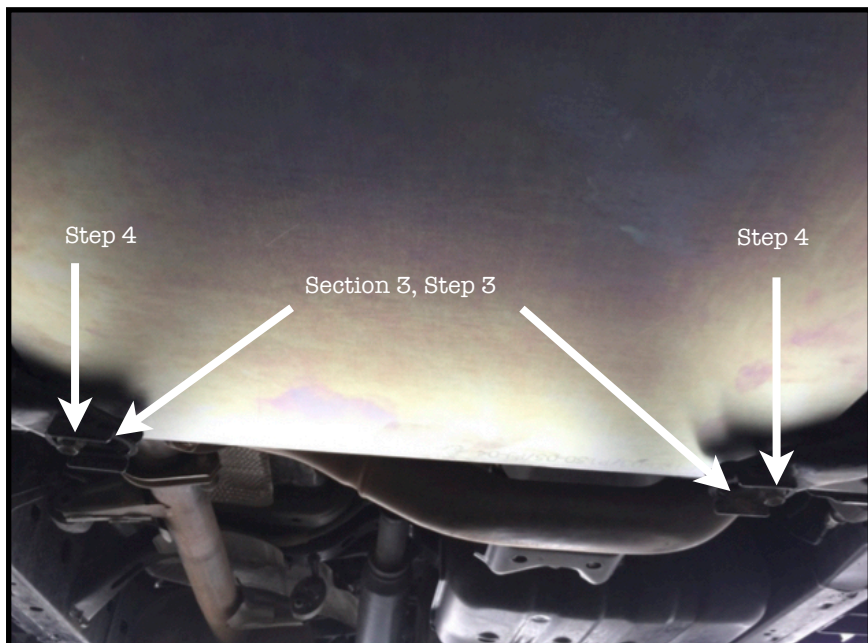
The brace should now drop on the side closest to the cross-member as shown below





3.

With the assistance of another person, Slide forward side of the Bushskinz Transmission Guard into place so that it rests on the Bushskinz Sump Guard as shown on the right



4.

Using bolts retained in step 1, secure aft side of Bushskinz Transmission Guard between the cross-member and brace. Important - secure each side using 1 x bolt closest to the exterior edge of the vehicle as shown to the left.

The Bushskinz Transmission Guard will now line up with the Bushskinz Sump Guard as shown below



5.

Secure the forward section into place using 2 x M8 x 20mm Hex Bolt, 2 x Washers and 2 x Nylon Nuts as shown to the left. Fasten firmly



### **Section 3**

#### **Completing Bushskinz UVP Install**

1.

Firmly fasten all bolts in previous sections 2.1

2.

Firmly fasten all bolts in previous sections 2.2

3.

Firmly fasten brace bolts shown in Section 2.3, Step 4 before installing and fastening bolts neighbouring bolt

4.

Firmly fasten brace bolts loosened in Section 2.3, Step 2

Insert action shot of Chucky Jr. showing Bushskinz UVP