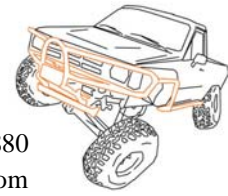


4x Innovations

Custom Toyota Truck Tube Works

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95-97 FJ 80/LX450 Bolt on Rock Sliders Install Instructions

Congratulations on purchasing your new 4x Innovations bolt on rock sliders for Toyota FJ80's and Lexis LX450's. Included in this manual are package contents, surface coating recommendations, and proper installation procedures.

Package Contents:

- 1 x Driver's Side Bolt on Rock Slider
- 1 x Passenger's Side Bolt on Rock Slider
- 2 x Rear Inner Mounting Plates
- 6 x 3/8x3.5 Hex Bolts
- 4 x 3/8x3.75 Hex Bolts
- 8 x 3/8 Hex Nuts
- 4 x M8x1.25x30mm Bolts
- 12 x 3/8 Washers

Coatings: Note: For optimum coating performance follow coating manufacture's instructions.

A. On the quick and easy: Simple spray paint.

This method is an economical method to coat your new sliders. Any top quality spray paint rated for metals can be used. In our shop we use quality metal rated paint.

B. POR-15 or similar professional coatings:

These professional coatings are highly durable and can be touched up if scratched. Most are formed as multi part primer, color, and top coats that are abrasion, and heat resistant. They are available online, usually directly from the manufacture.

C. Powder Coat:

Powder coating is a durable electro coat that is available from specialty shops.

One thing to be aware of is that powder coating can not be touched up once it gets scratched without recoating the entire slider.

Installing the sliders:

Driver's Side

1. Prepare the Driver's side.

Remove the bolts holding the break and fuel hard lines on the inside of the driver side frame rail. This is simply to make the install easier. See figure 1.

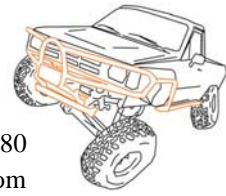


Fig 1 - Inside of Driver's frame rail

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Just behind the rear control arm mount pry the brake hard lines out of the plastic retaining clip. See figure 2. Be very careful during this step to not damage the lines.

Note: Initially the U brackets may be stretched open, therefore, check to see that the short bolts reach across the front U bracket. Also check that one long bolt reaches across the middle U bracket. If they do not quite reach begin installation with one longer bolt in each U bracket and install one final size bolt in the other hole. Then swap the second hole. This method insures proper nut engagement and that the bolts aren't too long in the end.

2. Prepare one long and one short bolt, washer, and nut. With the aid of a friend, or jack stands, slide the rock slider up onto the frame rails. The rear leg will sit just behind the control arm mount, and in front of the body mount.

Loosely install one bolt each of the U brackets, with the washer next to the nut. Install inner rear frame plate as shown in Figure 2. Note the wide end is installed on the top pointing towards the front.

Finally install remaining bolts and tighten.



Fig 2 - Inside rear Driver's side frame rail



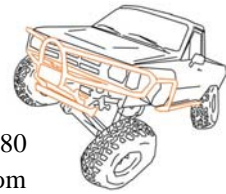
Fig 3 - Driver's side frame rail, detail rear outside

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Passenger Side

1. Prepare the Passenger's side frame

Unbolt the rear bolt from the exhaust hanger on the outside frame rail. See figure 4. It is also recommended to clean the 4 pre-threaded holes for the front catalytic converter skid plate with an 8mm x 1.25 tap.



Fig 4 – Pass side exhaust hanger before unbolting

Note: The middle slider leg U-bracket will slide between the frame rail and the exhaust hanger bracket.

2. Prepare one long and one short bolt, washer, and nut, and one 8mm x 1.25 bolt and washer. With the aid of a friend, or jack stands, Slide the rock slider up onto the frame rails. The rear leg will sit just behind the control arm mount, and in front of the body mount.



Loosely install one bolt each of the U bracket, with the washer next to the nut. Install at least one bolt into the front skid plate mount. Install inner rear frame plate. Note the wide end is installed on the top pointing towards the front.

Finally install remaining bolts and tighten.

