



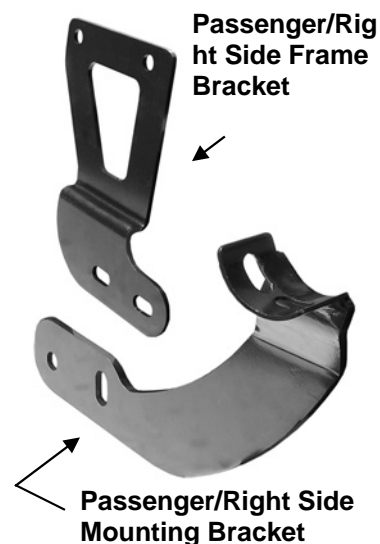
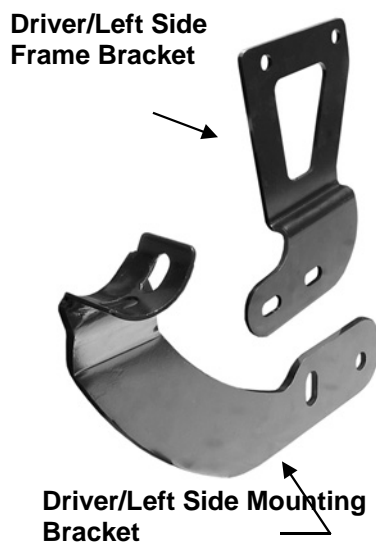
# **INSTALLATION INSTRUCTION**

**PART # 8KISSOSS/8KISOA**

**REAR BUMPER GUARD FOR KIA SORENTO 2011+ (SINGLE TUBE)**

**PARTS LIST:**

1	Rear Sport Bumper Tube	16	12mm x 32mm OD x 3mm Flat Washers
1	Driver/Left Frame Mounting Bracket	8	12mm Lock Washers
1	Passenger/Right Frame Mounting Bracket	8	12mm Hex Nuts
1	Driver/Left Mounting Bracket	4	8-1.25mm x 25mm Hex Bolts
1	Passenger/Right Mounting Bracket	4	8mm x 24mm OD x 2mm Flat Washers
4	12-1.75mm x 100mm Hex Bolt	4	8mm Lock Washers
4	12-1.75mm x 35mm Hex Bolts		



**PROCEDURE:**

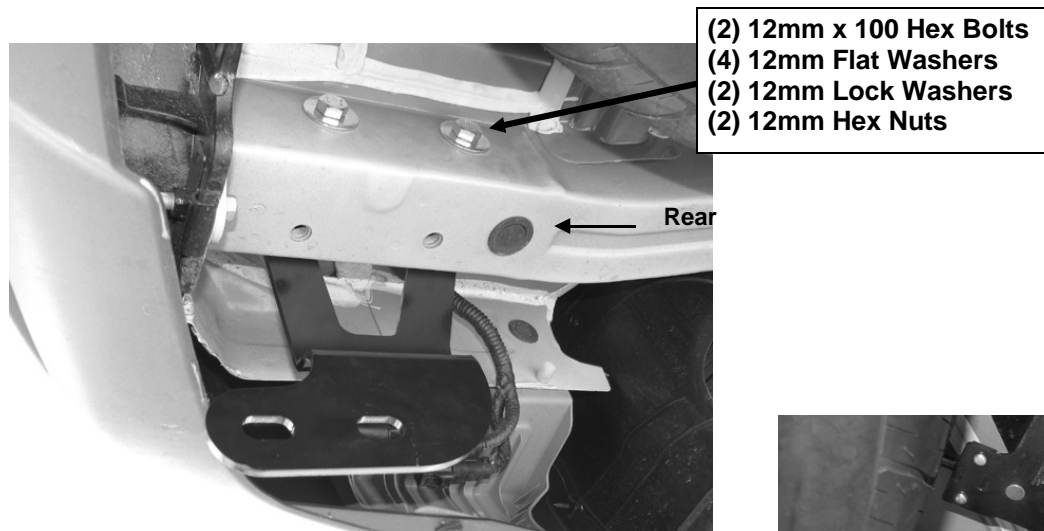
1. REMOVE CONTENTS FROM BOX. VERIFY ALL PARTS ARE PRESENT. READ INSTRUCTIONS CAREFULLY BEFORE STARTING INSTALLATION.
2. ALLOW EXHAUST TO COMPLETELY COOL BEFORE STARTING INSTALLATION.
3. Start the installation from under the driver side of the vehicle. Locate the two factory holes through the frame channel, **(Figure 1)**.
4. Insert (2) 12mm x 100mm Hex Bolts with (2) 12mm Flat Washers through the factory holes from the inside. Attach the driver side Frame Bracket to the outside of the frame channel with the (2) 12mm Hex Bolts and secure with (2) 12mm Flat Washers, (2) 12mm Lock Washers and (2) 12mm Hex Nuts, **(Figure 1)**. Tighten hardware at this time. Do not overtighten hardware or damage to the frame channel could result.
5. **WARNING:** Exhaust system may be hot, allow time for the exhaust system to completely cool before continuing installation.

6. Move to the passenger side and remove the rubber exhaust hanger. Next, remove the (3) small hex nuts and (1) hex bolt holding the heat shield in place over the muffler, **(Figure 2)**. Gently pull down on the muffler and slide the heat shield forward to locate the (2) factory holes in the frame. Insert (2) 12mm x 100mm Hex Bolts with (2) 12mm Flat Washers into the inside holes and out towards the outside of the vehicle, **(Figure 3)**. Hang the passenger side Frame Bracket from the (2) 12mm Hex Bolts and secure with (2) 12mm Flat Washers, (2) 12mm Lock Washers and (2) 12mm Hex Nuts. Tighten hardware at this time. Do not overtighten hardware or damage to the frame channel could result.
7. Reinstall the heat shield using the factory hardware. Reinstall the rubber exhaust hanger.
8. Attach the driver side Rear Mounting Bracket to the inside of the Frame Bracket with (2) 12mm x 35mm Hex Bolts, (4) 12mm Flat Washers, (2) 12mm Lock Washers and (2) 12mm Hex Nuts, **(Figure 4)**. Snug but do not tighten hardware at this time.
9. Repeat Step 8 for passenger side Bracket installation.
10. Carefully position the Rear Bumper Guard onto the previously installed Mounting Brackets and attach it using the included (4) 8mm x 25mm Hex Bolts, (4) 8mm Lock Washers and (4) 8mm Flat Washers, **(Figure 4)**. Snug but do not tighten hardware at this time.
11. Level and adjust the Rear Bumper Guard and tighten all hardware.
12. Do periodic inspections of the installation to make sure that all hardware is secure and tight.

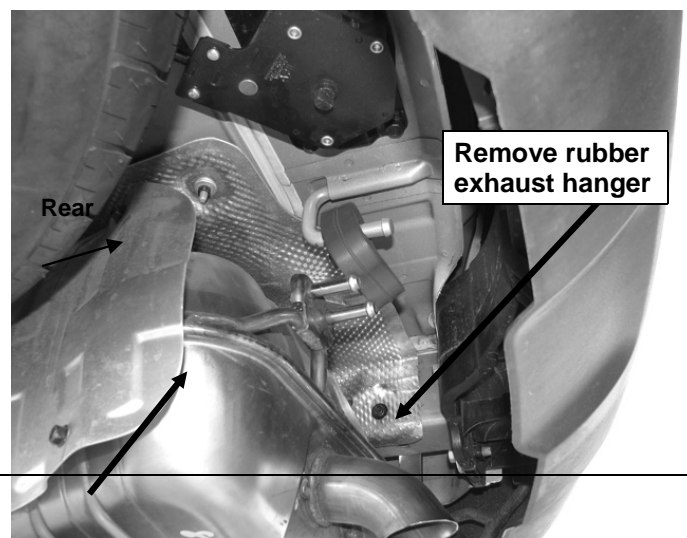
**To protect your investment**, wax this product after installing. Regular waxing is recommended to add a protective layer over the finish. Do not use any type of polish or wax that may contain abrasives that could damage the finish.

**For stainless steel:** Aluminum polish may be used to polish small scratches and scuffs on the finish. Mild soap may be used also to clean the Rear Bumper Guard.

**For gloss black finishes:** Mild soap may be used to clean the Rear Bumper Guard.



**(Fig 1) Driver side installation pictured**



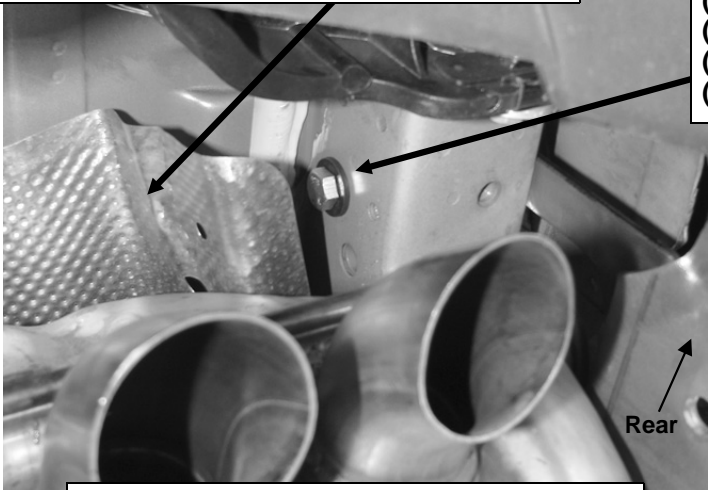
SINGLE TUBE REAR BUMPER GUARD  
2011 KIA SORENTO

Remove factory hex bolt and (3) hex nuts



(Fig 2) Passenger side installation pictured

Gently pull down on muffler and slide heat shield forward to access mounting location



(2) 12mm x 100 Hex Bolts  
(4) 12mm Flat Washers  
(2) 12mm Lock Washers  
(2) 12mm Hex Nuts

(2) 8mm x 25 Hex Bolts  
(2) 8mm Flat Washers  
(2) 8mm Lock Washers

(Fig 3) Passenger side viewed from below

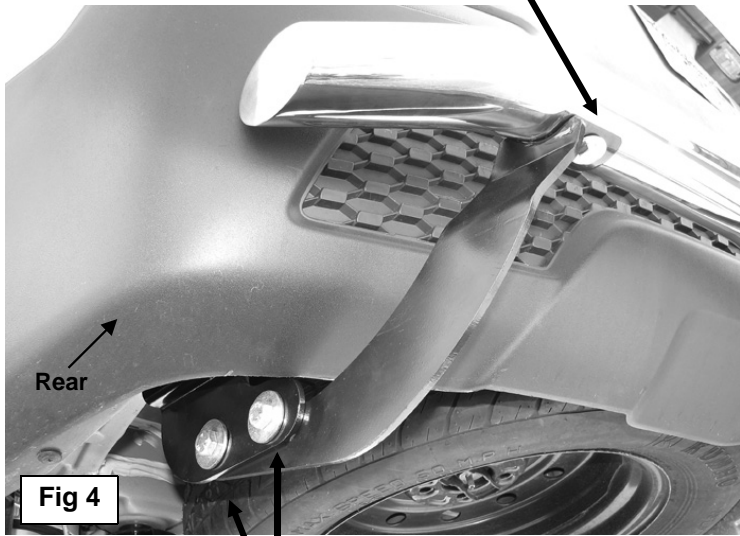


Fig 4

(2) 12mm x 35 Hex Bolts  
(4) 12mm Flat Washers  
(2) 12mm Lock Washers  
(2) 12mm Hex Nuts



Complete Installation