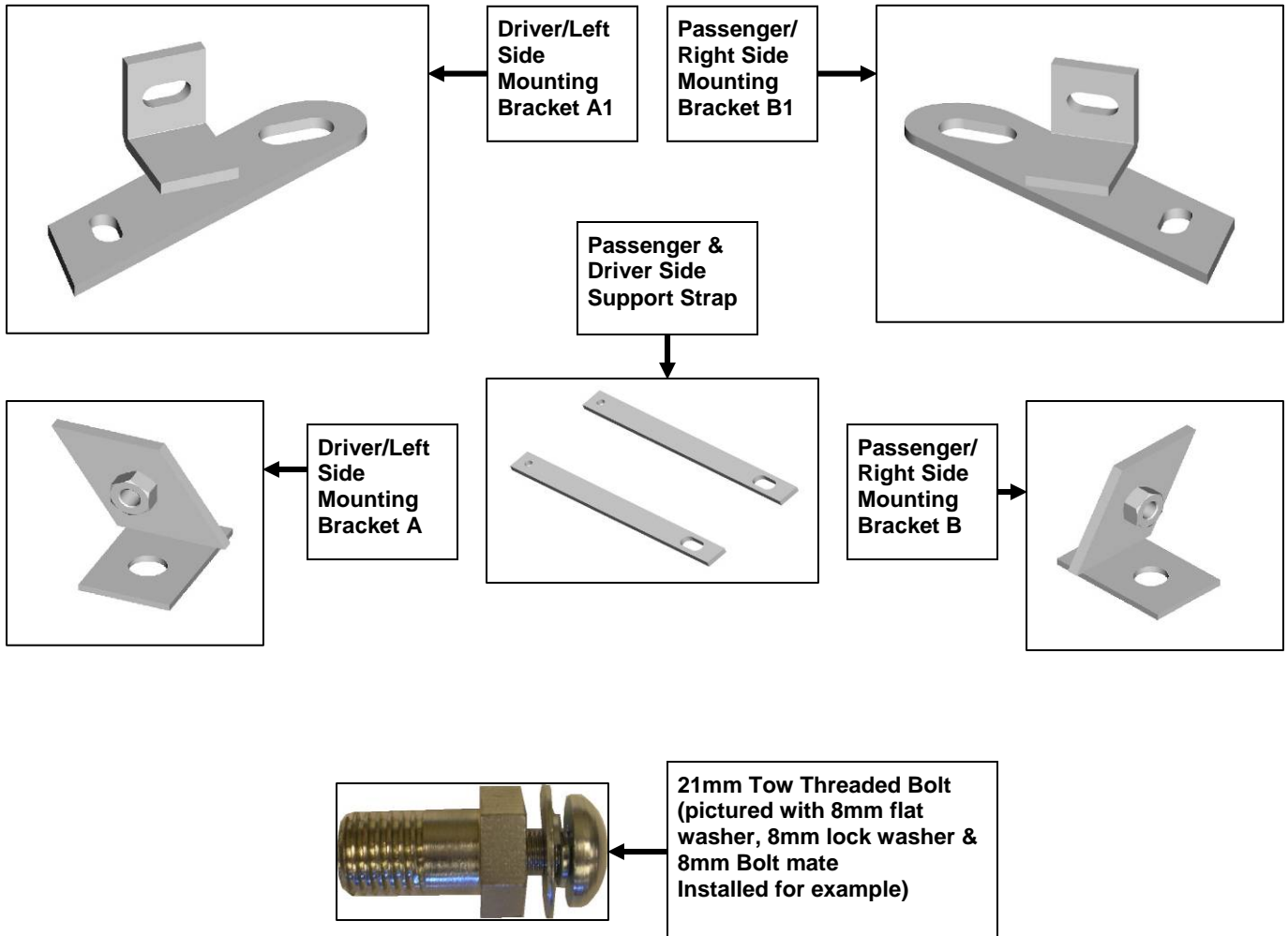


INSTALLATION INSTRUCTIONS

2505/2505-2
98-2007 SMART CAR

PARTS LIST:

Qty	Description	Qty	Description
1	Sport Bar	1	8mm x 30mm Bolt (Mate)
1	Driver/Left Lower Mount Bracket A	1	8mm Flat Washers
1	Passenger/Right Lower Mount Bracket B	4	10mm Nuts
1	Driver/Left Lower Mount Bracket A1	6	10mm x 30mm Bolts
1	Passenger/Right Lower Mount Bracket B1	12	10mm Flat Washers
2	Passenger & Driver Upper Support Straps	6	10mm Lock Washers
1	21mm x Tow Thread Bolt		



PROCEDURE:

- 1. REMOVE CONTENTS FROM BOX. VERIFY ALL PARTS ARE PRESENT. READ INSTRUCTIONS CAREFULLY BEFORE STARTING INSTALLATION.**
2. Located just under the front of the car is the plastic skid shield, you will need drop the front of the skid shield down, to install the Mounting brackets.
3. To do this there are (2) upper bolts (1) per side, remove both sides (**Fig 1**) shows location of Driver/Left side bolt located in the inner wheel well. Once removed, with a flat screw driver begin to pop the plastic two lower tabs where the skid shield attaches to the front lower portion of the bumper (**Fig 1A**) shows location plastic tabs carefully pull skid shield down allowing you access to the sway bar nuts to install lower mounting brackets.
4. With the skid shield lowered you need to remove the nuts securing the cars sway bar (**Fig 2**) shows location of nuts to be removed, Select the Driver/Left side mounting bracket A from the list of parts above, place the Driver/Left side mounting bracket A over the bolt end followed by the factory nut, snug but do not tighten hardware. Repeat for Passenger/Right side.
5. Once brackets are attached lift the skid shield up to where it makes contact to the bottom of the mounting bracket, and mark area, with a utility knife, cut a small rectangle hole in the plastic to allow brackets to fit threw the skid shield, Being careful not to cut the sides of the plastic skid shield, (**Fig 2A**) Shows cut in plastic skid shield. Remove brackets A1 & B1.
6. With the holes cut and the brackets removed, lift the skid shield up and back to its factory location and reattach the mounting brackets A1 & B1 tighten brackets (**Fig 3**) shows Passenger & Driver side brackets reattached. Push the lower skid shield front tabs back into place and secure both the upper support strap and the upper skid shield with the factory bolts and tighten. (**Fig 4**) shows Driver/left side attached. (Repeat for Passenger/right side).
7. Select the Driver/left side mounting bracket A from the list of parts above, attach to Driver/left side mounting bracket A1 with (1) 10mm bolt (1) 10mm flat washer and (1) 10mm lock washer. (Repeat for Passenger/Right Side). (**Figure 5**) Shows Driver/left side mounting brackets attached.
8. Install the upper support strap to the mount bracket with (1) 10mm Hex bolt, (2) 10mm Flat washers (1) 10mm lock washer and (1) 10mm Nuts per side, (**Fig 5A**) shows support strap attached to Driver/Left side. (Repeat for Passenger/Right side).
9. On the front of Bumper (Passenger/Right side) with a flat screw driver begin to pop the plastic cap, exposing the Tow Hook threads, Select the Tow threaded bolt from the list of parts above place the thread bolt into the hole and tighten, remove the small 8mm bolt mate and washers if attached.
10. You can now attach the Sport bar to the lower mounting brackets, and secure with (2) 10mm bolts, (4) 10mm flat washers, (2) 10mm lock washers and (2) 10mm nuts, (**Fig 6**). Snug but do not tighten hardware. Once done place (2) 10mm flat washer in-between the tow hook bolt and the front upper bracket welded to the front sport bar secure top bracket with the (1) 8mm bolt mate (1) 8mm flat washer, Snug but do not tighten hardware.

- 11. Level and align Sport Bar properly; then tighten all hardware at this time. (Fig 7) shows install completed
- 12. Do periodic inspections to the installation to make sure 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 Sidebar.

For gloss black finishes: Mild soap may be used to clean the Sidebar.

Skid Shield removal shown from Driver/Left side

