Mk4 Stainless Steel Bumper Assembly
Installation Instructions

I. Parts Included in Kit:

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>EA</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>15330</td>
<td>Mk4 STAINLESS STEEL BUMPER KIT</td>
<td>EA</td>
<td>1.00</td>
</tr>
<tr>
<td>12013</td>
<td>FRONT NUDGE BAR</td>
<td>EA</td>
<td>1.00</td>
</tr>
<tr>
<td>12174</td>
<td>REAR NUDGE BAR</td>
<td>EA</td>
<td>1.00</td>
</tr>
<tr>
<td>15329</td>
<td>Mk4 BUMPER FASTENER KIT</td>
<td>EA</td>
<td>1.00</td>
</tr>
<tr>
<td>15331</td>
<td>Mk4 BUMPER INSTRUCTIONS</td>
<td>EA</td>
<td>1.00</td>
</tr>
<tr>
<td>12076</td>
<td>SLEEVES, BUMPER, REAR (UPPER AND LOWER), 1.0&quot;</td>
<td>EA</td>
<td>4.00</td>
</tr>
<tr>
<td>13627</td>
<td>1/4&quot;-20 x 7/8&quot; BUTTON HEAD SCREW</td>
<td>EA</td>
<td>4.00</td>
</tr>
<tr>
<td>10802</td>
<td>1/4&quot; NYLON LOCK NUT</td>
<td>EA</td>
<td>4.00</td>
</tr>
<tr>
<td>12147</td>
<td>BOLT, OVER-RIDER / NUDGE BAR, REAR</td>
<td>EA</td>
<td>4.00</td>
</tr>
<tr>
<td>12012</td>
<td>OVER-RIDER KIT</td>
<td>EA</td>
<td>1.00</td>
</tr>
<tr>
<td>12126</td>
<td>FRONT VERTICAL OVER-RIDER</td>
<td>EA</td>
<td>2.00</td>
</tr>
<tr>
<td>13037</td>
<td>REAR VERTICAL OVER-RIDER</td>
<td>EA</td>
<td>2.00</td>
</tr>
</tbody>
</table>

Tools Required:

- 5/8” socket
- 5/8” Wrench
- 7/16” socket
- 3/16” Hex key
- 5/16” Drill bit
- Drill
- Clamps
- Marker

III. Installation Instructions

Rear
1. Undo the lower fuel filler neck hose clamp.
2. Undo the fuel tank straps.
3. Drop the fuel tank.
4. Remove Quick-Jacks, if mounted, using 5/8” socket and 5/8” wrench.
5. Remove the quick jack bolts.
6. Insert the supplied 8” bolt through the body using the quick-jack spacers and washers next to the body.

7. Slip the rear Nudge bar onto the bolts after the quick-jack 1.75” spacers.
8. Place the 1” sleeves onto the bolt
9. Attach the rear Over-riders using a ¾” socket.
Front

1. Remove Quick-Jacks, if mounted, using a ⅝” socket and ⅝” wrench.
2. Install the Over-Riders using the original front bolts and a ⅝” socket and ⅝” wrench.
3. Check the angle of the over riders, they should match the angle of the radiator opening and each other. Below is how our set up started, notice the one near is more vertical:
To solve this we trimmed the end of the bottom sleeve \( \frac{1}{8}'' \) and added a washer to the top sleeve next to the over rider.

4. Use clamps to hold the front hoop between the Over-riders with the rear edge of the Over-rider and the rear edge of the hoop lined up.

This should put the front hoop approximately 1” away from the body across the top and bottom of the radiator opening.

5. Using a marker mark the mount holes for the front hoop on one of the Over-Riders.
6. Remove the front hoop and drill the mount holes for the nudge bar in the Over-riders using a $\frac{3}{16}$” drill bit.
7. Install the front hoop with the supplied fasteners and a $\frac{3}{32}$” Hex key and $\frac{7}{16}$” socket.

8. Clamp the other side of the front hoop to the over rider.
9. Mark the front hoop mount holes.
10. Unbolt and remove the front hoop.
11. Drill the front hoop mount holes on the remaining Over Rider.
12. Remount the front hoop using the supplied fasteners and \( \frac{5}{32} \)" Hex key and \( \frac{7}{16} \)" socket.