



## **FORD EXCURSION REAR BUMPER INSTALLATION INSTRUCTIONS – NO BRUSH GUARD OR SWING ARMS**

### **Please read before beginning**

- *Stainless steel hardware may bind together when tightening—It is recommended that you apply an anti-seize assembly lubricant to the threads of each bolt before assembly*
- *This installation requires two people*
- *Unless otherwise specified, refer to the general torque value at the end of the instructions for specified torque values.*



### **Required tools**

- Standard wrench set
- Leveling tool

### **Included hardware**

### **Quantity**

- |   |       |
|---|-------|
| • Bumper mounting hardware                            |       |
| ○ 70036 – 1/2"-13 x 1 1/2" Hex bolt, grade 8          | 4     |
| ○ 70034 – 1/2"-13 Nuts with nylon locking insert      | 4     |
| ○ 70035 – 1/2" Washer (.09 Thickness)                 | 8     |
| • License plate hardware                              |       |
| ○ 70011 – 1/4-20 x 3/4" Stainless steel hex head bolt | 2     |
| ○ 70008 – 1/4-20 Nuts with nylon locking insert       | 2     |
| ○ 70009 – 1/4 x 5/8 Washer SS (.03" Thick)            | 4     |
| • 400503.4 – Keys, Tool Box Lock Set                  | 1 Set |
| • Antiseize Packet, 2g                                | 1     |

### **Installation Instructions**

1. Remove the tow light receptacle from the factory or aftermarket bumper
2. Remove the existing bumper
3. The tow light receptacle can be mounted to the bottom of the Aluminess bumper or to the exterior side of the locking storage box. It is less likely to get damaged if it is mounted out of sight to the side of the locking storage box. You will need to reroute the wire harness before installing the bumper
4. Set the Aluminess bumper on the tow hitch for balance
5. With one person holding the bumper, install the four 1/2"-13 x 1 1/2" bolts with large flat washers and nuts; it is easiest to install the bolts into the holes furthest from the center first



6. Make sure the bumper is aligned level and in the desired location
7. Tighten all four bolts so the bumper will be held in place
8. Install the tow light receptacle if you have one
9. Move the license plate from factory bumper to the Aluminess bumper using the supplied 1/4"-20 x 3/4" bolts, 1/4" Washers, and 1/4"-20 Nylock Nuts

<b>General Torque Values</b>			
<b>Size</b>	<b>Stainless Steel</b>	<b>Zinc</b>	<b>Grade 8</b>
#6-32	10 lb-ft	--	--
#8-32	18.4 lb-ft	--	--
#10-32	26.6 lb-ft	--	--
1/4"-20	5.3 lb-ft	7.8 lb-ft	9 lb-ft
5/16"-18	10.9 lb-ft	16 lb-ft	18 lb-ft
3/8"-16	19.4 lb-ft	28.3 lb-ft	33 lb-ft
7/16"-14	31 lb-ft	45 lb-ft	52 lb-ft
1/2"-13	47 lb-ft	69 lb-ft	80 lb-ft
M6	4.7 lb-ft	5.8 lb-ft	--
M8	11.3 lb-ft	14.1 lb-ft	--
M10	22.3 lb-ft	27.9 lb-ft	--
M12	38.9 lb-ft	48.7 lb-ft	--



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