## INSTALLATION INSTRUCTIONS

**HDX GG WINCH TRAY, SPORTSMAN GG WINCH TRAY & MAX WINCH TRAY**

**APPLICATION:**
- 2015-2018 Ford F-150

**PART NUMBER:**
- 40-93835, 45-93830, 46-23835, 57-93830, 57-93835

### INSTALLATION INSTRUCTIONS

**APPLICATION:**
- 2015-2018 Ford F-150

**PART NUMBER:**
- 40-93835, 45-93830, 46-23835, 57-93830, 57-93835

<table>
<thead>
<tr>
<th>ITEM</th>
<th>QUANTITY</th>
<th>DESCRIPTION</th>
<th>TOOLS NEEDED</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>GRILLE GUARD ASSEMBLY</td>
<td>14MM SOCKET</td>
</tr>
<tr>
<td>2,3</td>
<td>2</td>
<td>LOWER MOUNTING BRACKET, DRIVER (2) AND PASSENGER (3) *Not included with 46-23835</td>
<td>15MM SOCKET</td>
</tr>
<tr>
<td>4,5</td>
<td>2</td>
<td>UPPER SUPPORT BRACKET, DRIVER (4) AND PASSENGER (5) *Not included with 46-23835</td>
<td>18MM SOCKET</td>
</tr>
<tr>
<td>6</td>
<td>2</td>
<td>8MM SPACER *Not included with 46-23835</td>
<td>UTILITY KNIFE</td>
</tr>
<tr>
<td>7</td>
<td>4</td>
<td>DOUBLE NUT PLATE *Not included with 46-23835</td>
<td>PRY TOOL</td>
</tr>
<tr>
<td>8</td>
<td>6</td>
<td>M12 HEX CAP SCREW 40MM LONG (YELLOW ZINC) *Not included with 46-23835</td>
<td>ALLEN WRENCH</td>
</tr>
<tr>
<td>9</td>
<td>8</td>
<td>M12 FLAT WASHER 24MM OD (YELLOW ZINC) *Not included with 46-23835</td>
<td>SOCKET EXT.</td>
</tr>
<tr>
<td>10</td>
<td>8</td>
<td>M12 SPLIT LOCK WASHER (YELLOW ZINC) *Not included with 46-23835</td>
<td>RATCHET</td>
</tr>
<tr>
<td>11</td>
<td>2</td>
<td>M8 CAP SCREW (YELLOW ZINC) *Not included with 46-23835</td>
<td>TORQUE WRENCH</td>
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<tr>
<td>12</td>
<td>2</td>
<td>M8 FLAT WASHER 16MM OD (YELLOW ZINC) *Not included with 46-23835</td>
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<tr>
<td>13</td>
<td>2</td>
<td>M8 SPLIT LOCK WASHER (YELLOW ZINC) *Not included with 46-23835</td>
<td></td>
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<tr>
<td>14</td>
<td>6</td>
<td>M12 HEX BUTTON HEAD SCREW (STAINLESS) *Not included with 46-23835</td>
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<td>15</td>
<td>6</td>
<td>M12 CUPPED WASHER (STAINLESS) *Not included with 46-23835</td>
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<tr>
<td>16</td>
<td>6</td>
<td>M12 SERRATED FLANGE NUT (STAINLESS) *Not included with 46-23835</td>
<td></td>
</tr>
<tr>
<td>17</td>
<td>1</td>
<td>WINCH TRAY ASSEMBLY</td>
<td></td>
</tr>
<tr>
<td>18</td>
<td>2</td>
<td>M12 HEX CAP SCREW 120MM LONG (YELLOW ZINC)</td>
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<tr>
<td>19</td>
<td>2</td>
<td>M12 FLAT WASHER 44MM OD (YELLOW ZINC)</td>
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<tr>
<td>20</td>
<td>2</td>
<td>M12 HEX NUT (YELLOW ZINC)</td>
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<tr>
<td>21</td>
<td>4</td>
<td>M12 HEX NUT (BLACK ZINC)</td>
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<tr>
<td>22</td>
<td>4</td>
<td>M12 HEX CAP SCREW (BLACK ZINC)</td>
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<tr>
<td>23</td>
<td>8</td>
<td>M12 FLAT WASHER 24MM OD (BLACK ZINC)</td>
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<tr>
<td>24</td>
<td>4</td>
<td>M12 SPLIT LOCK WASHER (BLACK ZINC)</td>
<td></td>
</tr>
</tbody>
</table>

**ANTI-SEIZE LUBRICANT MUST BE USED ON ALL STAINLESS STEEL FASTENERS TO PREVENT THREAD DAMAGE AND GALLING**

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Thank you for choosing Westin products for additional installation assistance please call Customer Service (800) 793-7846 www.westinautomotive.com

DATE: 01/02/18

P.N.: 75-1045-RevC ECO #: W17-0993

Westin Automotive Products, Inc.
320 W. Covina Blvd
San Dimas, Ca. 91773
PROCEDURE
1. Remove contents from box, verify if all parts listed are present and free from damage. Carefully read and understand all instructions before attempting installation. Failure to identify damage before installation could lead to a rejection of any claim.

Driver side items shown, passenger side items opposite.

ITEM 2
ITEM 4
2015 - 2017 Models
ITEM 4
2018 Models
ITEM 7

THIS SPACE INTENTIONALLY LEFT BLANK
FOR GRILLE GUARD INSTALLATION USE ONLY (Steps 2-5 / 14-15): Skip to Step 6 if not installing Grille Guard.

2. Remove all factory hardware and clips attached to grille, then remove grill. See Figures 1-7.
3. **For 2018 Models Only:** Remove plastic covers that are located above the location of the tow hooks to expose (3) nuts on each side. Remove the nuts in order to remove the front bumper. See Figures 8-9.

4. Remove factory bumper bolt see Figure 10. Install upper mounting bracket using supplied M8 hardware. Make sure the brackets are approximately 39-3/4” apart from outer bracket flange. For the 2018 model, make sure to lay the bracket firmly on top of the rubber strip that is on top of the bumper. Tighten M8 hardware to 15 ft-lbs. See Figures 11-13. **Note:** Figure 11 for 2015-2017 models and Figure 12 for 2018 models.

5. Reinstall grille, headlight covers, and any other parts removed in the reverse order of the install instructions.
6. **For vehicles without factory tow hooks:** Trim the plastic in the areas in Figure 14 and 15. Repeat for the passenger side.

![Figure 14](image)

**Trim designated areas.**

![Figure 15](image)

Close up on trim area. Driver Side Shown

7. **For vehicles without factory tow hooks:** Slip (2) double nut plates into each frame rail and line up with existing holes, see Figure 16. Guide them and align with holes shown in Figure 19 with a magnet or screw driver. **Note:** The rear nut plate will only need to be installed with one bolt.

8. **For vehicles without factory tow hooks:** Loosely install the Lower Mounting Brackets (Items 2/3) using the supplied M12 hardware as shown in Figure 19. Trim screws if they interfere with lower mounting bracket see Figure 18. **Note:** The plastic valance which was trimmed in step 2 may need to be trimmed further to access a bolt with the ratchet when installing the lower mounting bracket, or the lower valance may be removed, see Figure 17.

9. **For vehicles with factory tow hooks:** Remove tow hooks and slip in (1) double nut plate into frame rail. Loosely install Lower Mounting Brackets to factory nut plates and supplied nut plate using supplied M12 hardware as shown in Figure 19. Trim screws if they interfere with lower mounting bracket see Figure 18. **Note:** The nut plate will only need to be installed with one bolt and see Figure 17.

![Figure 16](image)

**Vehicle w/o tow hooks**

Slide (2) nut plates through designated area. Repeat for passenger side. Drivers Side Shown

![Figure 17](image)

When installing lower bracket you must either trim enough to reach designated area to tighten bolt or remove lower portion of bumper as shown.

![Figure 18](image)

Trim screws if interfering with lower mounting bracket Passenger Side Shown

![Figure 19](image)

Vehicle w/o tow hooks

Install lower mounting bracket with supplied M12 hardware. For second nut plate only one bolt is needed. Driver Side Shown

Figure 19

2nd nut plate

1st nut plate

P.N.: 75-1045-RevC

ECO #: W17-0993
10. Loosely install long M12 bolt and M12 hardware to the back of the lower mounting bracket. Use large diameter washer with nut and smaller diameter with bolt, see Figure 20.

11. Loosely install winch tray to lower mounting bracket using supplied M12 black zinc hardware, see Figure 21.

12. Align and adjust as needed, then torque M12 hardware to 50-55 ft-lbs. Note: Leave hardware loose if installing grille guard.

13. **GRILLE GUARD INSTALLATION ONLY**

14. With assistance hold the Grille Guard up to the previously installed winch tray and upper mounting brackets. Loosely attach the Grille Guard to the brackets and winch tray using the supplied M12 hardware, see Figure 23 and 24.

15. Align and adjust the Grille Guard and winch tray as necessary. Tighten and torque M12 hardware to 50-55 ft-lbs.
CARE INSTRUCTIONS

- REGULAR WAXING IS RECOMMENDED. DO NOT USE ANY TYPE OF POLISH OR WAX THAT MAY CONTAIN ABRASIVES.
- STAINLESS STEEL PRODUCTS CAN BE CLEANED WITH MILD SOAP AND WATER. STAINLESS STEEL POLISH SHOULD BE USED TO POLISH SMALL SCRATCHES.
- GLOSS BLACK FINISHES SHOULD BE CLEANED WITH MILD SOAP AND WATER.

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Failure to follow these instructions could lead to death, personal injury, and / or property damage.

FASTENERS:
All Westin supplied fasteners must be utilized and installed in accordance with the installation instructions and apply torque to the specifications as defined. DOUBLE CHECK ALL FASTENERS BEFORE INITIAL USE, AND PERIODICALLY IN THE FUTURE TO ENSURE PROPER FUNCTION AND SAFETY.

DRILLING:
Most Westin products do not require drilling for installation. If drilling is defined as required, use caution when drilling a vehicle. FAILURE TO REVIEW AN AREA TO BE DRILLED MAY RESULT IN PERSONAL INJURY AND/OR INJURY TO OTHERS AS WELL AS VEHICLE DAMAGE.

EYE PROTECTION:
ALWAYS WEAR SAFETY GLASSES OR GOGGLES DURING THE INSTALLATION PROCESS TO AVOID PERSONAL INJURY.

MAXIMUM TOWING/CARRYING CAPACITY:
The Westin Receiver Hitches will have a visible tow rating label affixed directly on the product. User should never exceed the vehicle manufacturers maximum tow and weight rating regardless of the capacity of the hitch. FAILURE TO FOLLOW THESE GUIDELINES WILL VOID THE WESTIN WARRANTY AND MAY RESULT IN PERSONAL INJURY AND/OR INJURY TO OTHERS AS WELL AS VEHICLE DAMAGE.