



**Jeep Wrangler TJ**

**MY1997-2006**

**Predator bull bar**

### **IMPORTANT! – READ BEFORE INSTALLATION**

- When installed in accordance with these instructions, the front protection bar does not affect the operation of the vehicles SRS airbags.
- This product must be installed exactly as per these instructions using only hardware supplied.
- Take a few moments to read instructions thoroughly before beginning work.
- In the event of damage to any component please contact OFFROAD ANIMAL to arrange repair/replacement of components.
- Do not use this product for any vehicle make or model other than that specified on these instructions.
- Do not remove labels from this product.
- This product and its fixings must not be modified in any way unless stated in these fitting instructions.
- The installation of this product is recommended for trained personnel.
- These instructions are correct at time of publication. OFFROAD ANIMAL cannot be held responsible for the impact of any changes subsequently made by the vehicle manufacturer. If you find something has changed please contact us to let us know!
- During installation it is the duty of the installer to check correct operation/clearances of all components.
- If Instructions are to be printed for reference in the workshop, it is recommended that they are printed in colour, for best legibility.
- Estimated install time: 2 hours

## GENERAL CARE AND MAINTENANCE

Only wash the product with a PH neutral car wash to prevent paint damage and discolouration.

Plastic parts may be maintained with silicone spray.

Do not use acidic or alkaline based cleaning products.

It is important to perform regular checks (pre trip or on an annual basis) on the installed product. Checks include:

- Visual inspection for damage (eg. cracks, chips, dents etc.)
- Electrical wiring is not rubbing anything or worn out
- Bolts are torqued to correct specification (see torque guide below)

For touching up small stone chips, Offroad Animal recommends the following paint products:

- Dupli-Color Trim & Bumper Paint Black (TB101)
- VHT Hood, Bumper & Trim Paint Black (SP27)

## BOLT TORQUE SETTINGS

Use the following bolt torques on all general fasteners, unless otherwise specified.

GENERAL FASTENERS	
Size	Torque Nm
M5	5 Nm
M6	9 Nm
M8	22 Nm
M10	44 Nm
M12	77 Nm

Use the following bolt torques on all structural front bar mount and tow point fasteners, and rear towbar fasteners, unless otherwise specified.

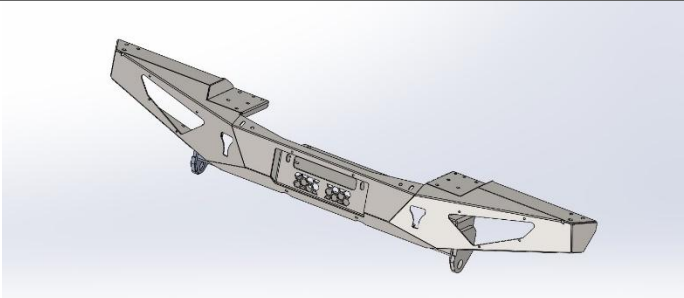


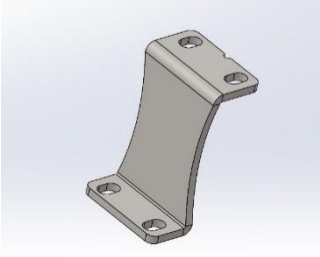
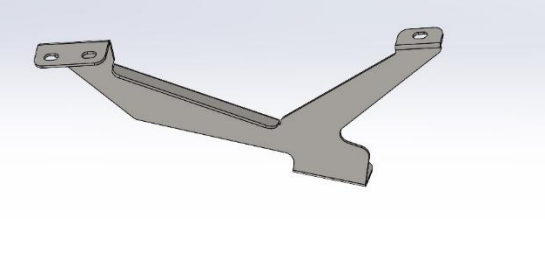
FRONT BAR MOUNTS AND TOW POINTS + REAR TOWBAR	
Size	Torque Nm
M10	57 Nm
M12	100 Nm
M14	164 Nm
M16	248 Nm

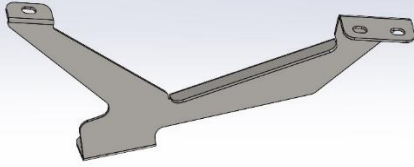
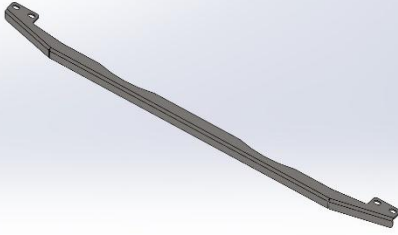
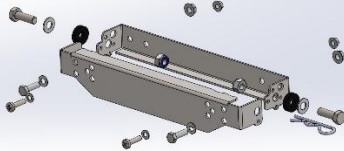

**Always use a torque wrench to set correct torque settings. Ensure torque wrench is set to Nm unit of measurement. Otherwise perform conversion to lb-ft.**

## PARTS LISTING

**IMPORTANT:** Check all parts are present before beginning work! Contact OFFROAD ANIMAL if something is missing.

### Main Parts – In the Box

Qty	Part Number	Description	Image
1	FB-JWR-TJ-97-PR-ASM1	TJ PREDATOR BAR WELDMENT	
1	M-0002L	Light Cover Mesh LH	
1	M-0002R	Light Cover Mesh RH	
2	B-0951	TJ Pred Winch Support	
1	B-0952L	TJ Pred Wing Brace LH	

1	B-0952R	TJ Pred Wing Brace RH	
1	B-0953	TJ Pred Top Tie in	
1	NPF-COM-SM-ASMO	Number Plate Flip	
1	FB-JWR-TJ-97-PR-ADRC	ADR Compliance Plate JEEP TJ	 <p>OFFROAD ANIMAL 17 BAYPORT COURT MORNINGTON VIC. 3501, AUS PART NO: FB-JWR-TJ-97-PR-ASMO THIS BAR MUST ONLY BE FITTED TO A JEEP WRANGLER TJ &amp; JK 1997-2018 THE PRODUCT COMPLIES TO AS/NZS 4500, AS/NZS 4504, AS/NZS 4506, 4509, 4510 THIS PRODUCT OR ITS PARTS MUST NOT BE MODIFIED NO ACCESSORY OR FITMENT SHALL PROJECT FORWARD OF THE PRODUCT'S FORWARD PROFILE DO NOT USE THE PRODUCT IN ANY OTHER MOTOR VEHICLE FOR WHICH IT IS NOT DESIGNED DO NOT REMOVE LABEL      MFG DATE</p>

### Small Parts – Contained in Small Parts Kit Bag

Qty	Part Number	Description
18	M8 x 20 BHCS B/Z	M8 X 20 Button Head Cap Screw Black Zinc
18	M8 FW B/Z	M8 Flat washer Black zinc
18	M8 FN	M8 Flange Nut
12	M6 X 20 BHCS B/Z	M6 x 20 Button Head Cap Screw Black Zinc
12	M6 FW bz	M6 Flat washer black zinc
12	M6 FN	M6 Flange nut
1	ORA logo	Offroad animal logo plate

TOOLS REQUIRED

The following tools will be required to install the product.

Hand Tools	Power Tools	Workshop Equipment
Metric Socket Set 10-19mm  Socket Extension Bar  Metric Spanner Set 10-19mm  Hex (Allen) Key Set 4-6mm  Trim Removal Tool  Flat Blade Screwdriver Set	Electric/Air Impact Driver (Optional)	

## WORKSHOP SAFETY

It is the responsibility of the installer to always complete works in a safe manner. Make sure the following safety equipment is available and precautions are observed whilst fitting this product.

<p>Hearing Protection</p> 	<p>Always wear ear protection when using power tools.</p>
<p>Eye Protection</p> 	<p>Ensure eye protection is always worn when cutting or drilling.</p>
<p>Manual Handling</p> 	<p>Do not attempt to lift bar assemblies or rock sliders on your own.</p> <p>Always use two people to lift or use mechanical Lifting aid such as hydraulic lifting trolley.</p>
<p>Vehicle Support</p> 	<p>Always ensure vehicle is properly supported when working on it. Do not attempt to fit products whilst suspension work is being carried out. Do not work under a vehicle supported only by a jack.</p>



1. Sorry these instructions aren't as comprehensive as our others, but this is a super low volume bar so, yeah, and TJs are super easy to work on so don't whinge.
2. Remove the factory bumper or old crap bull bar you have on the Jeep. Keep the bolts that hold it on to the chassis.
3. Push new Predator bar onto chassis. (you may need to give it a bit of a nudge as these Jeeps are all really old.)

**TOOLS REQUIRED**

Socket/spanner set

**FASTENERS**

Factory bumper bolts





4. Secure new bar onto Jeep with existing bolts, 3x per side

**TOOLS REQUIRED**

18 or 19mm Spanner

**FASTENERS**

Reuse existing





5. Fit wing mesh panel as shown with 4x M6x20 black button head bolts, black washers and flange nuts.
6. Repeat for other side.
7. Feel free to add your own cube lights or 8" single row light bar.

**TOOLS REQUIRED**

4mm hex key

**FASTENERS**

8x M6x20 black button head  
8x M6 black washer  
8x M6 flange nut



8. Fit B-0951 winch support brackets between the cradle and bottom of bar, as shown.
9. Secure each bracket with 4x M8x20 black button head bolts, black washers and flange nuts.
10. Repeat for other side.

**TOOLS REQUIRED**

5mm hex key

**FASTENERS**

8x M8x20 black button head  
8x M8 black washer  
8x M8 flange nut



11. If fitting a winch, fit hawse fairlead now with hardware supplied with winch.
12. Also fit number plate flip with hardware supplied with it.

**TOOLS REQUIRED**

Depends on what comes with your winch

**FASTENERS**

Depends on what comes with your winch





13. Drop Winch into the hole and secure with supplied bolts.

**TOOLS REQUIRED**

Depends on what comes with  
your winch

**FASTENERS**

Depends on what comes with  
your winch



14. Pull winch rope through fairlead and fit hook on the end.

15. Run winch cables back to the battery.

**TOOLS REQUIRED****FASTENERS**



16. Fit Rear support brace as shown with 4x M6x20 black button head bolts, black washers and flange nuts.

**TOOLS REQUIRED**

4mm hex key

**FASTENERS**

4x M6x20 black button head  
4x M6 black washer  
4x M6 flange nut





17. Fit Wing brace to the inside of the bar as shown with 5x M8x20 black button head bolts, black washers and flange nuts.

18. Repeat for other side.

**TOOLS REQUIRED**

5mm hex key

**FASTENERS**

10x M8x20 black button head  
10x M8 black washer  
10x M8 flange nut



19. Feel free to add a 22" lightbar on in front of the winch.  
Offroad Animal can supply.
20. Fit your compliance plate supplied underneath somewhere  
not in your face but visible if the fuzz wants to look at it to  
prove your bar is ADR compliant.
21. Now you're done, go out and enjoy.

## TOOLS REQUIRED

## FASTENERS