

Ford Ranger PXII with Front Radar/Tech Pack - June 2015 On



This bar has detachable side wings that can be replaced if damaged; plus 6 spot tabs, 3 aerial tabs, 2 jacking positions and 2 hook locations. (Recovery hooks are not provided in this kit). The bar has been developed to accept up to a 9,500Lb. Warn low mount winch.

This bar & fitting kit is certified as being compatible with the Air Bag system of this vehicle. The compliance sticker is to be attached to the up side of the centre section of the bumper pressing. The vehicle make and model need to be marked on the sticker with a permanent marker after it has been attached to the bar.

Optional: OE Fog light mounting brackets available – Part No: **XRZ2** (Does not fit Wildtrack)

If vehicle is equipped with front parking sensors order the XRZS-FR3 Kit.

Note: This bar will add approximately 100mm to the length of the vehicle over the factory bumper.

Fitting Instructions – Fit Time 3 Hours



1. Bumper cut marking out.

Referring to the following images start the bumper cut at the wheel arch at point 'A'. Mark point 'A' 155mm down the join line between the bumper and guard following the contour of the arch.

Point 'B' is 75mm below where the bumper turns upward.

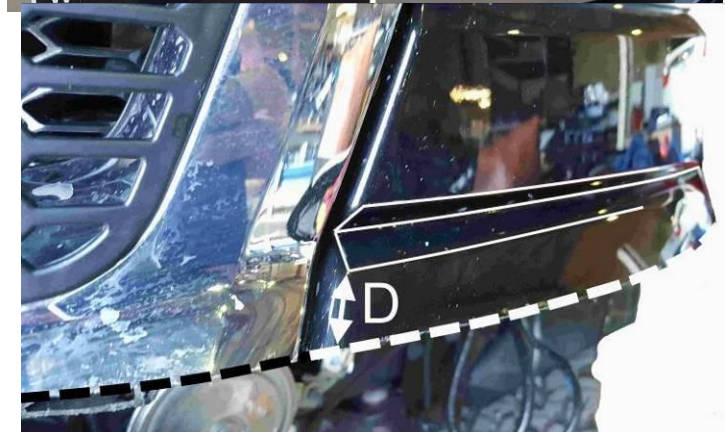
Point 'C' is 145mm below where the bumper meets the guard and the forward bodyline approximately 20mm in front of the headlight.

Point 'D' is 25mm below the forward bodyline of the bumper groove where the bumper meets the grille. Refer to image below.

Point 'E' is 35mm below the top bodyline of the lower grille section. Refer to image below.



2. **The bumper cut should form a straight line across the bumper when all points are joined**, starting from the centre of the grille and working outward. Extra material has been added to the wheel arch end of the cut line as a safety factor.



3. Optional Bumper Removal:

The bumper cut can be done with the bumper on the vehicle. It is recommended to leave 5-10mm below the cut line so that the bumper can be perfectly matched to the XROX® bull bar. If removing the bumper the cut measurements can be double checked once the XROX® bar has been fitted, the top mounting bolts will have to be removed to tilt the bar forward to fit the bumper cut if done in this order.

The chrome grille does not require pinch weld if done right and looks better without it, however the painted grille will need to have pinch weld applied. Apply pinch weld to the plastic bumper only or the entire front including the grille, depending on preference.

To remove the bumper and grille: Remove the top panel between the grille and the top radiator support beam. Remove the 4) M6 bolts from beneath the bumper and the 2) screws from the wheel arch. Looking down from above remove the 2) M6 bolts $\frac{3}{4}$ of the way down behind the grille near the headlights. Just in front of these 2) M6 bolts are 2) scrivenets that will also need to be removed, they are partially hidden by the grille. Unplug the factory spotlights (if fitted). Remove the bumper.

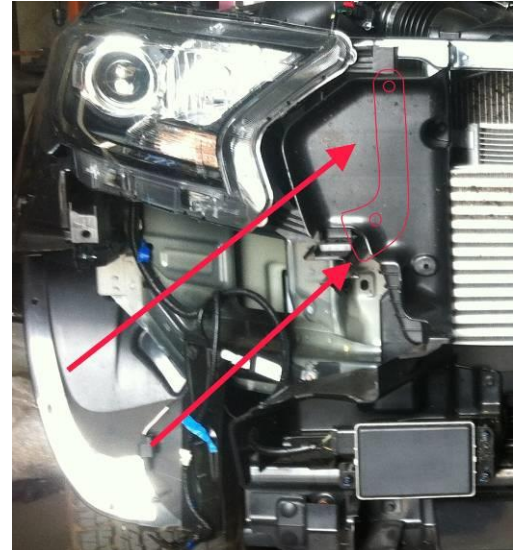
4. Remove the front OE bashplate. Remove the 4) clips that attach the lower horizontal air deflector to the front steel crash bar. Remove the front radar from the crash bar by unbolting the 3) M6 bolts - be very careful to not knock or drop the radar – unplug the radar and place it in a safe location. Remove the 4) bolts that attach the steel crash bar to the chassis rail ends and the 2) clips that attach the air dams to the crash bar. Discard the OE bashplate, crash bar and horizontal air deflector. Retain the bashplate bolts.

5. Trim 20mm off of the bottom of the plastic bumper clips near the wheel arch. It is easier to remove these from the vehicle before cutting, however they can be cut on the vehicle.



6. Remove the FM aerial from the driver's inner guard. **DO NOT** cut or modify the steel aerial or wiring.

7. Using 2) OE plastic scrivenets from the bumper, flip the aerial over and fasten it to the back of the top section of the airdam – refer to images. 2) holes will need to be drilled to suit the scrivenets. Make sure the aerial is not touching anything other than the plastic airdam.



8. Cut the bumper support so that it retains the top inner guard mount as per the image to the right.

9. Unbolt the 2) centre bumper supports and discard.

10. Unclip the air temp sensor from the outside of the passenger's air dam. Cut the air dams above the chassis rails straight upwards in line with the outside edge of the chassis rails. Retain all of the air dam inside of the outer edge of the chassis rails.

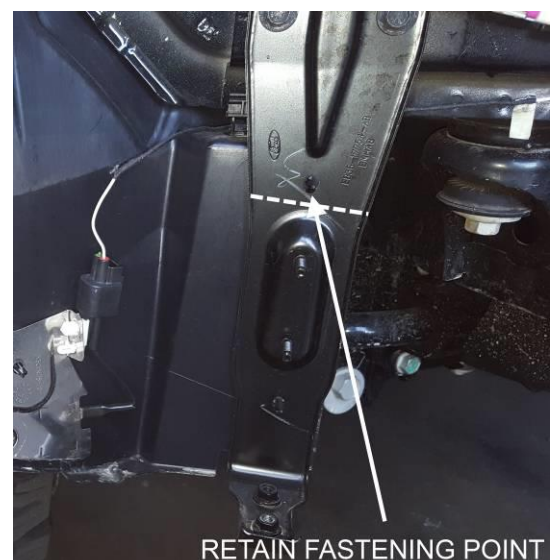
11. Unclip the radar from its mount by pulling on the unit; it is attached by 3) press fit ball pivots. Once removed cut the 3) mounting legs off of the OE mount. Position the new mount over the back of the OE mount and transfer the 2) 6mm hole positions to the OE mount and drill with a 6.5mm drill bit.



12. Bolt the OE radar bracket to the new bracket with 2) M6 washered bolts and washered nuts.

13. Reattach the radar to the bracket.

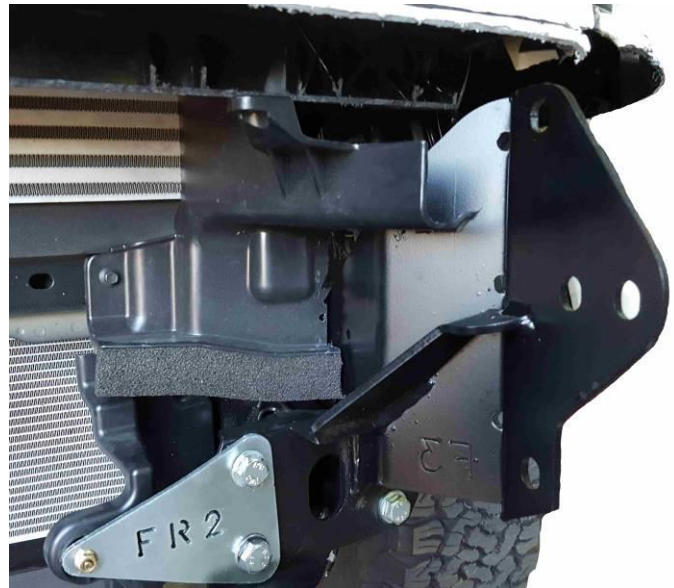
14. Place the radar cover clamp over the plastic radar cover. Transfer the 2) M6 holes to the plastic and drill with a 6.5mm drill bit. Fasten the plastic radar cover to the inside of the centre section of the new bull bar with the clamp and 2) M6 button head bolts, flat washers and washered nuts. The textured side or smooth side can face outwards.



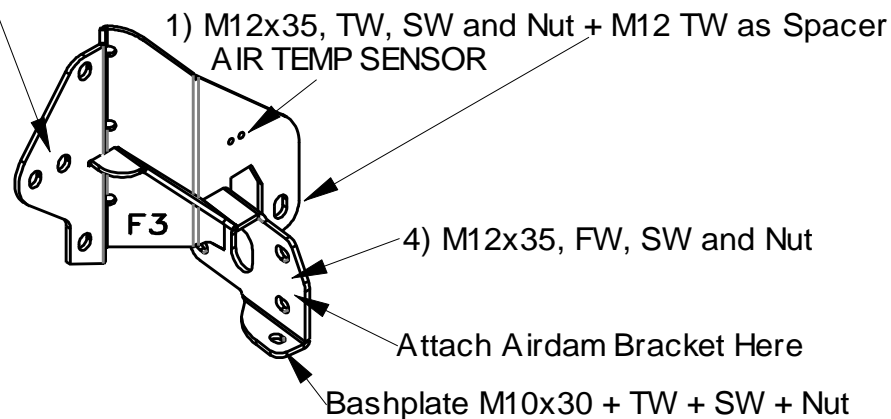
15. Align the radar centrally to the radar hole in the centre section and fasten with 4) M6 button head bolts, flat washers and washered nuts. The hole to the top right of the radar hole in the front of the bar is for the radar adjustment screw, if required adjust the radar so the front face is close to vertical – adjustment is not normally required.

16. Bolt the XROX® wings to the centre section. Fasten the front with 2) M12x40 allen head bolts, FW, SW and Nuts and the side with 6) 10x25 bolts, FW, SW and nuts per side. Press the tube inserts into the ends of the wings. Use sikaflex or similar sealant to create watertight seal.

17. Attach the mounts to the chassis ends as per the diagram. The air temp sensor can be fitted to the 2) holes in the side of the mount. The air dam brackets are bolted to the front, inside face of the mounts. Feed the nut for the rear side bolt through the opening in the front of the chassis rail. Use an M12 thick washer as a spacer between the chassis rail and the mount at the rear hole. It may be necessary to space the bottom or top mount holes on the end of the rails as the chassis ends can vary $\pm 5^\circ$. The bottom edge of the mounts should be horizontal and parallel to one another. Bolt the lower air dam to the mount with an M6 mudguard washered bolt and washered nut.



4) M12x30, FW, SW and Nut



18. Attach the XROX® bull bar to the mounts. The mounts fit to the outside of the bar and are fastened with 4) 12x30 bolts per side. Align the bar and tighten all bolts.

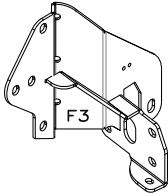
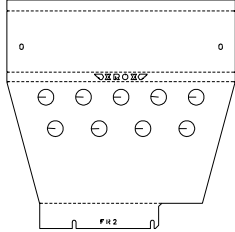

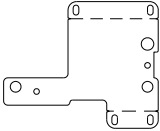

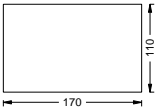
19. Fit the bashplate to the bottom of the mounts using 2) 10x30 bolts, thick washers, spring washers and nuts. Fasten the rear of the bashplate to the same location as the OE plate using the OE bolts.

20. Trim the inner guards so that they angle from the lower tube at the end of the wing down to the retained fastening point from section 7. NOTE: The inner guard must cover a minimum of 30° of the front wheels to comply with ADR 42: Section 14.

21. Fasten the number plate to the front of the bar with 2) M6x20 button head bolts, flat washers and washered nuts.

This XROX® tube bar comprises of both **powder coated** and **painted** parts, the side sections and centre are powder coated while the mounts are painted with a zinc enriched satin black enamel. If at any stage through the product's life the painted sections show signs of rusting, remove the rust and recoat with satin black zinc enriched enamel.

Kit Contents

Qty.	Description	Qty.	Description
1	XROX® Radar Centre (C07)	42	12mm Flat Washer
1	XROX® Bar Side Wing R/H (W83)	22	12mm Spring Washer
1	XROX® Bar Side Wing L/H (W84)	22	12mm Nut
2	Mounts (XRFR3-10) 1x L/H & 1x R/H ID:F3 	2	10x30mm Bolt
1	Bash Plate (XRFR2- d) ID: FR2 	12	10x25mm Bolt
2	Air Dam Brackets (XRFR2-d) ID: FR2 	24	10mm Flat Washer
1	Radar Mount (XRFR3-04) 	4	10mm Thick Washer
1	Radar Cover Clamp (XRFR3-04) 	14	10mm Spring Washer
1	Radar Plastic Cover Plate (XRFR3-07) 	14	10mm Nut
4	Plastic Tube Insert 48mm (ID 42mm)	8	6x20mm Button Head Bolt
2.5m	Pinch weld 056 – no sponge	8	6mm Flat Washer
1	Air Bag Protection Sticker	2	6mm Mudguard Washered Bolt
4	12x40mm Button Head Allan Bolt	2	6mm Washered Bolt
10	12x35 Bolt	12	6mm Washered Nut
8	12x30mm Bolt	6	Cable Tie - Large
10	12mm Thick Washer	1	Fitting instructions

Kit Packed by:	Checked By:	Date:
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