



FLEXIGLASS FITTING MANUAL - SECTION FORD FLA 3.0C

FLEXIGLASS TRAY PX FORD RANGER DC FIT - ISSA3

Note: Familiarise yourself with the instructions before you start to ensure you are clear on all aspects of the fit

SAFETY EQUIPMENT

- Hearing protection as required
- Eye protection as required

TOOLS REQUIRED

- Pneumatic / electric drill
- Pneumatic / electric hacksaw
- Drill bits: 21/64", 1/4" & 3/16"
- Sockets: 10, 13 & 18
- Pneumatic driver
- Rivet gun with 5mm tip
- Loctite 243

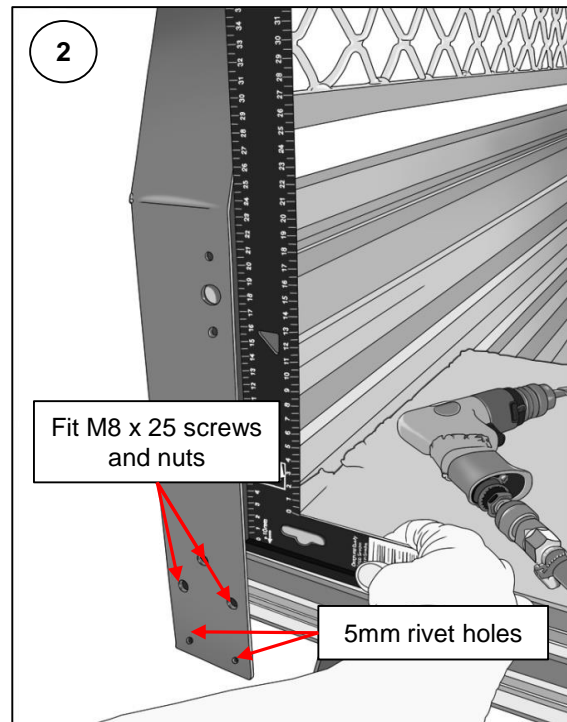
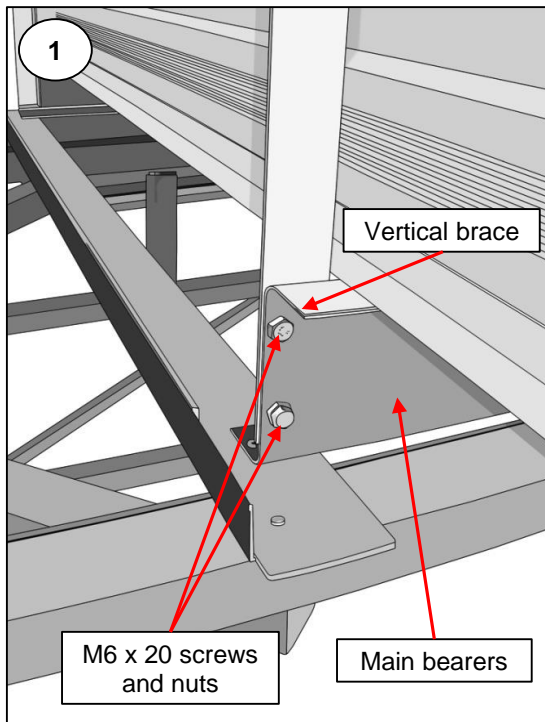
NOTE: If the vehicle is 2WD Hi-Rider or 4WD, 1 x PAN520 LHS & 1 x PAN530 RHS are required to replace 1 x PAN440 LHS & 1 x PAN450 RHS which are in TRSTDFITKIT.

Ford Ranger DC KITBOM

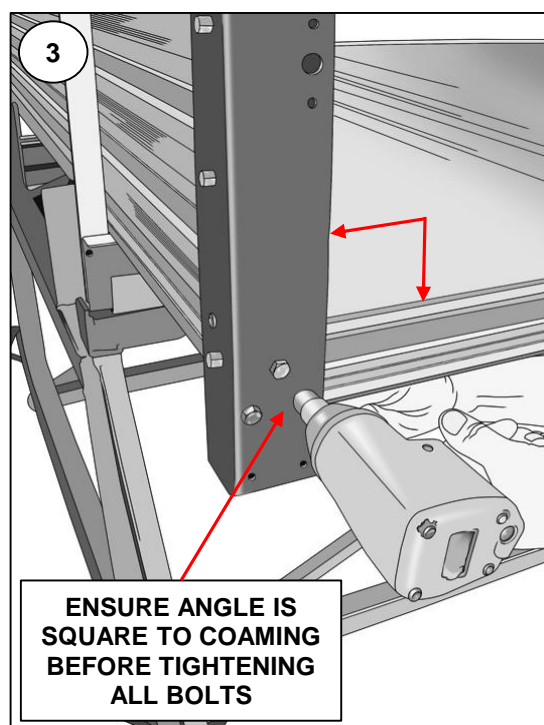
No.	Description	Quantity per	Unit of Measure Code
BADGE140	Badge Ford Oval	1	EACH
MFLP290	Mudflap Black Wide Ford	2	EACH
NUT6N	Nut Nyloc M6	22	EACH
NUT8N	Nut Nyloc M8	12	EACH
RIVET200	Rivet 6-6 Steel	12	EACH
SCRHHSS620	Screw Set Hex Head S/S 6x20mm	20	EACH
SCRHHSS825	Screw Set Hex Head S/S 8x25mm	12	EACH
BLK200C	Block For Cross Bars 40MM Coat	6	EACH
BLTHHZP1290	Bolt & Nut Hex ZP 12X90mm	6	EACH
NUT12C	Nut Channel M12	6	EACH
PLT390C	Fish Plate forTrayBearers Coat	6	EACH
SPACER30	Mounting Spacer 50 X 50 X 3	2	EACH
SPACER40	Mounting Cross Bar Spacer	4	EACH
SPACER50	Mounting Block Spacer 10MM	4	EACH
SPACER60	Plastic Packer Spacer 4.5	2	EACH
TIE100	Tie Cable BLK 4.8x300mm	6	EACH
WSH220	Washer 5/16 X 3/4 Flat	12	EACH
WSH10	Washer BRT Z/P 1/2x1-7/8x14G	6	EACH
WSH300	Washer Spring Z/P 12x2.5x2.5mm	6	EACH
BAR310FC	Bar Universal Cross Mount Coat	3	EACH
WSH180	Washer Brt Z/P 1/4x5/8x18G	4	EACH
WSH240	Washer Brt Z/P 1/2x1-1/8x16G	6	EACH
BKT750	Bracket Fuel Filler PX/BT50	1	EACH
WSH220	Washer 5/16 X 3/4 Flat	4	EACH
FPTSTD03	FP Tray Std 1875x1860	1	EACH

ATTACHING THE HEADBOARD

- 1 Lift the front of the deck up and support the bearers on blocks.
- 2 Lift the headboard into place on the front of the tray deck and clamp the ends of the vertical braces to the front end of the main bearers. Loosely fit the M6 screws and nuts. See **ILL1**.
- 3 Use a square to position the headboard perpendicular to the deck (the clamps will allow enough slip for a bump from the heel of your hand to move it forwards or backwards). See **ILL 2**.



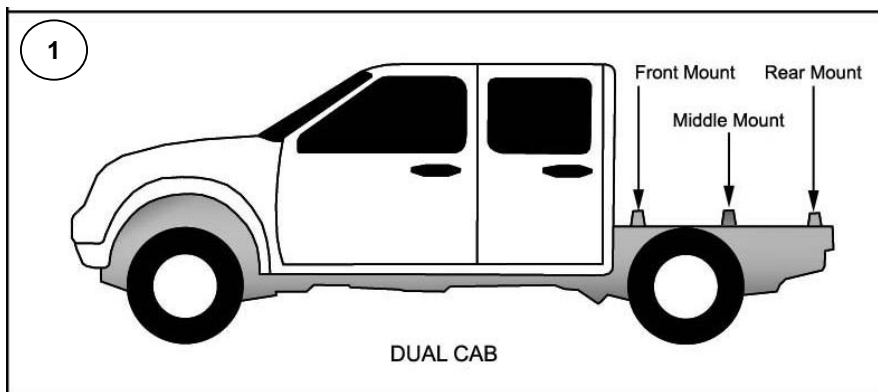
- 4 Fit the **SCRHHSS825 & NUT8N** through the holes, check again for square, then tighten them. See **ILL3**



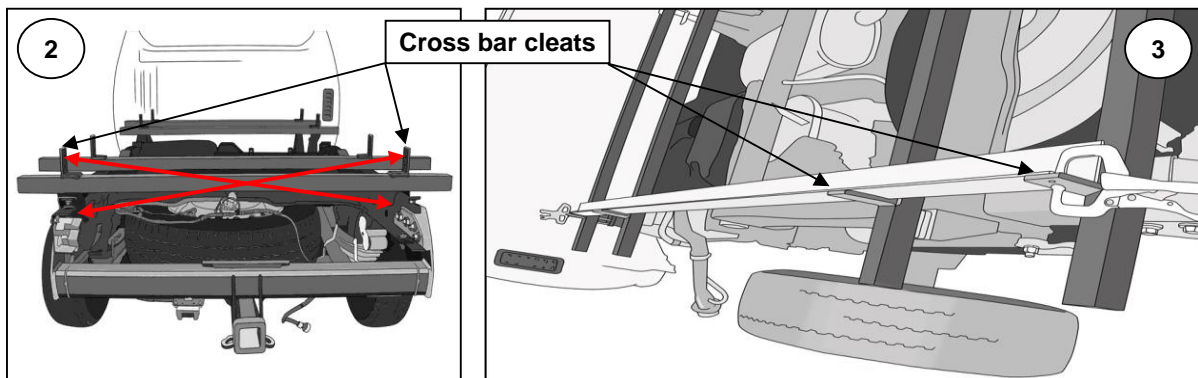
- 5 Fix the vertical braces to the front plank with 2 of **RIVET200**, tighten with pop rivet gun or pliers.
- 6 Fit 5mm pop rivets through the headboard angle and into the rope rail tube, pull up tight with a suitable pop rivet gun or plier.

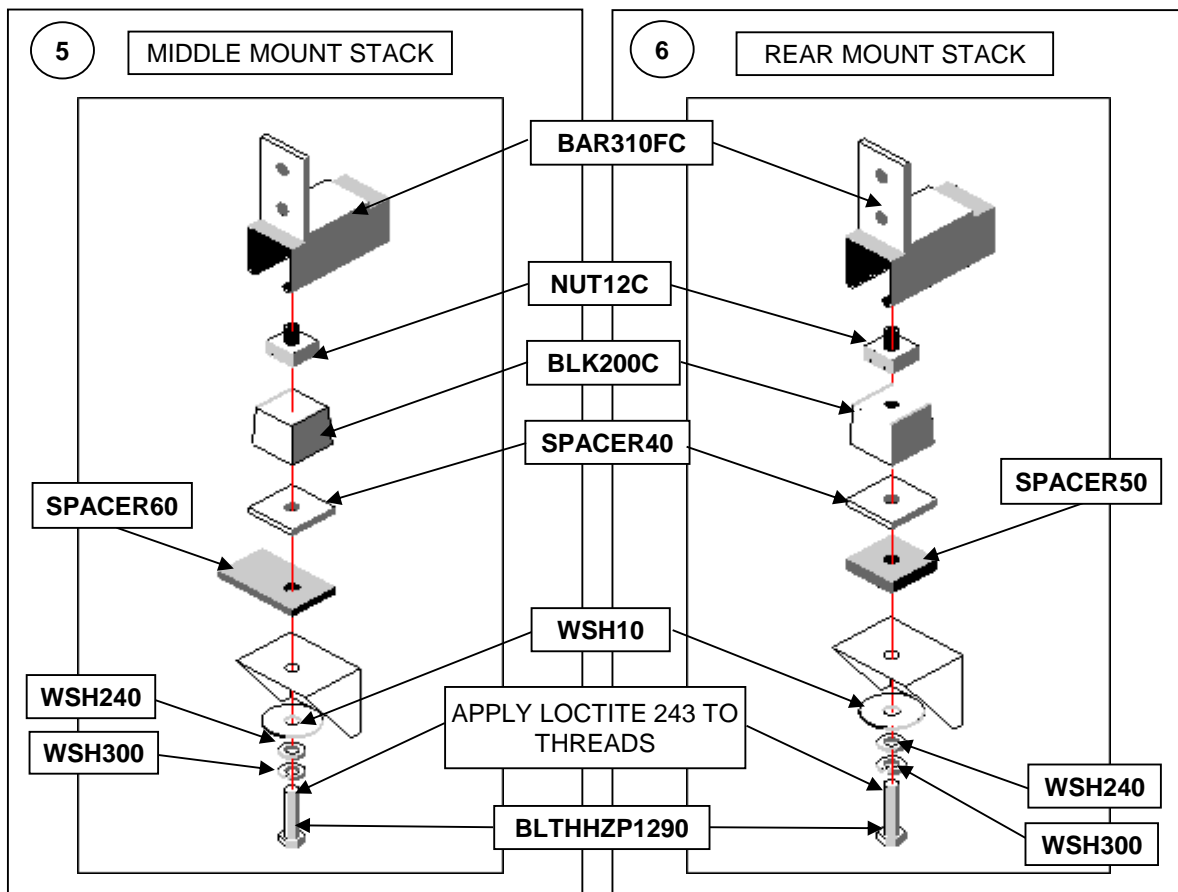
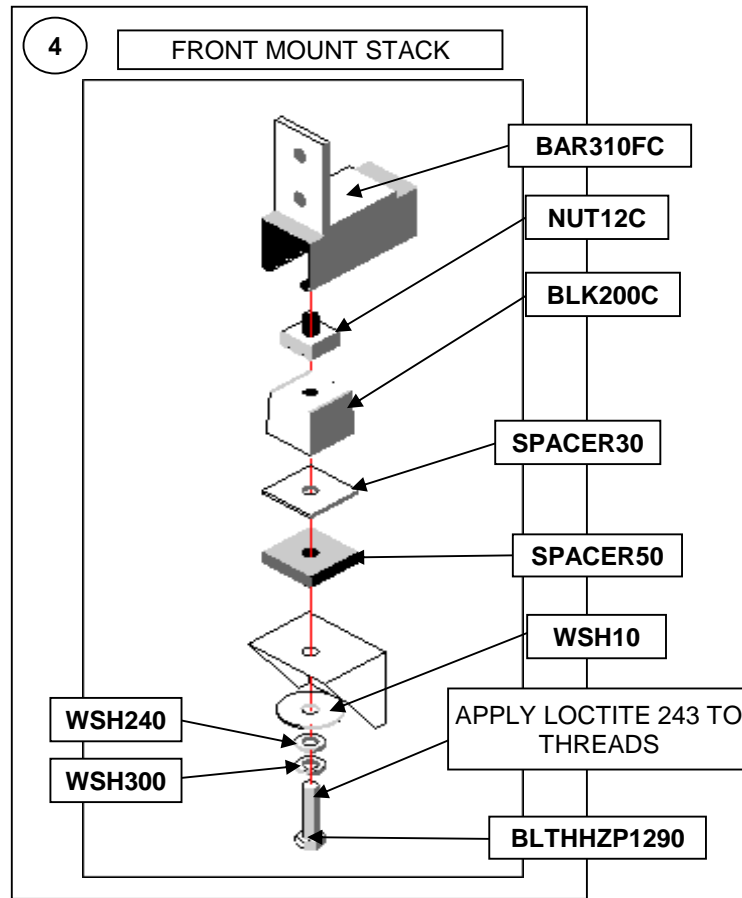
FITTING THE TRAY

- 1 Refer to **ILL 1** showing dual cab mounting positions. Locate these positions on the vehicle.
Note: All mount points on the vehicle must be used when fitting a Flexiglass Tray.
- 2 Slacken the screw clamp securing the filler hose to the neck and rotate the neck anti-clockwise until the metal breather tube is at the top of the neck, re-tighten the screw clamp.
- 3 Refer to mount diagrams on **Page 4** which illustrates standard part usage for mounts on DC Ranger PX and Flexiglass Tray.
- 4 Fit the mounts in place on the chassis, using the parts and applying lock tight to thread as shown in the diagrams on **Page 3**.



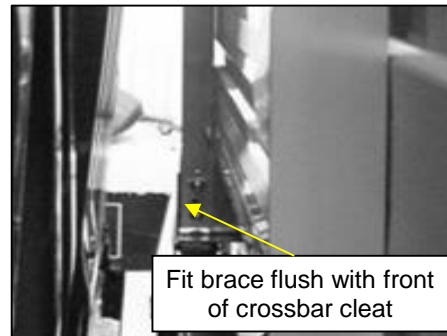
- 5 With all parts in place and the bolts still loose check the front and rear mounts are central over the chassis by measuring from the inside of one mount cleat to the inside of the opposite chassis rail. Repeat this for the other mount cleat and rail sliding the mounting cross bar "to and fro" until the measurements are equal. See **ILL 2**.
- 6 Tighten the four bolts securing the mount bars to the chassis mounts front and rear.
- 7 Place a length of **ALUM10** between the vertical faces on one side of the front and rear mounting cross bar cleats and clamp it to them. **See ILL 3**.
- 8 Slide the middle cross bar across until the cleats are against the same face of the angle as the front and rear cleats. **Note:** This ensures that all three bars are now central and in line with each other.
- 9 Tighten the two bolts securing the middle mounting cross bar.





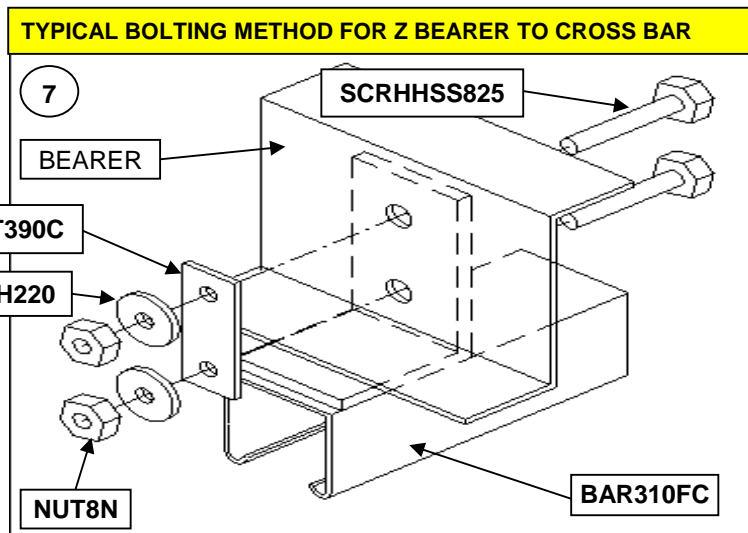
- 10 Remove the brace/bearer bolts from both sides and place the tray on the mounting cross bars locating the the bearer flush with the front of the cross bar cleat, ensure the rear overhang does not exceed 700mm.
- 11 Once the tray is lined up drill 21/64" holes into the bearers using the mounting cross bar as a guide. See ILL 7.

Note: It will not be possible to fit **PLT390C** fishplates to the front crossbar position.

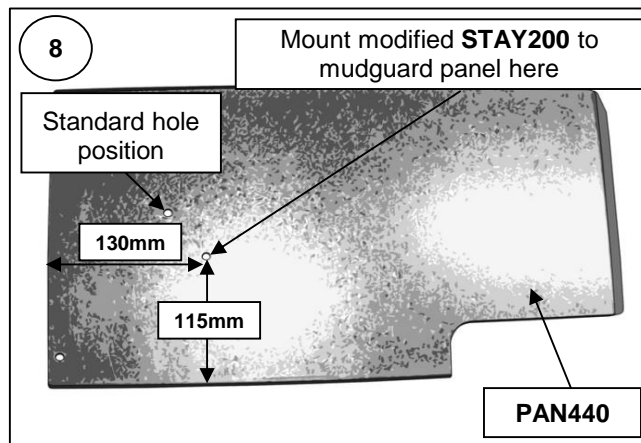


- 12 Secure tray to the bearers as shown in the diagrams adjoining.
- 13 The stays are mounted to the mudguards, using the pre-drilled holes, with 1 each **SCRHHSS620**, **WSH180** & **NUT6N**.

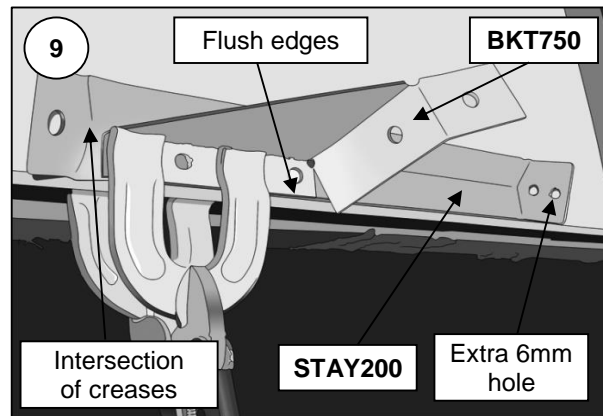
Note:
The front mudguard panels and **STAY200** will require some modification to accommodate the fuel filler neck, which has to fit between the cabin rear and the tray front and also to prevent the mudguard panels fouling the front body mounting brackets on the chassis.
Modify one right hand and one left hand unit.



- 14 Mark and drill a 1/4" hole on the centres shown in ILL 8 on one **PAN440** & one **PAN450**.

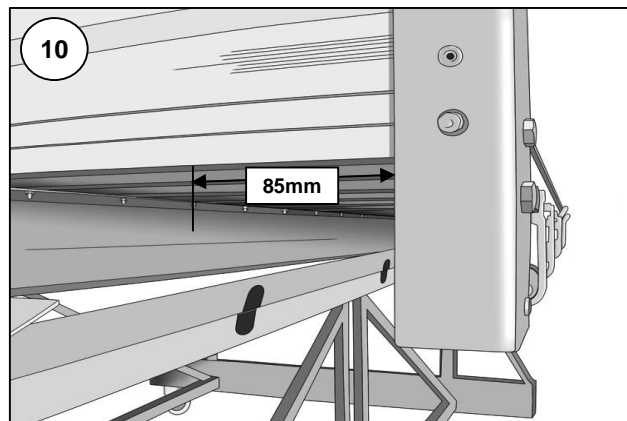


15 On the two **STAY200** front stays drill an extra hole 10mm from the edge of the top flange, as shown in **ILL 9**.



16 On one **STAY200**, position the **BKT750**. See **ILL 9**. The bottom corner is positioned at the intersection of the three creases on the stay and the edges are kept flush with each other.

17 Drill a 1/4" hole through the bottom flange of the front plank on the centre indicated in **ILL 10**. Use the guide line groove to help position the drill bit and drill holes on both sides of the tray.



MOUNTING OF TWO PART MUDGUARDS

11

		QTY Per TRAY	
SCRHHSS620	- M6 x 20mm SS HEX BOLT	20	(Hi Rider) 20
NUT6N	- M6 NYLOC NUT	20	20
WSH180	- 6mm FLAT WASHER	4	4
PAN440	- L/H 275mm MUDGUARD PANEL	2	1
PAN450	- R/H 275mm MUDGUARD PANEL	2	1
PAN520	- L/H Rear Mudguard Panel	-	1
PAN530	- R/H Rear Mudguard Panel	-	1
STAY200	- MUDGUARD STAY	4	4
MFLP290	- MUDFLAP STANDARD	2	2
STRAP200	- MUDFLAP STRAP	2	2

18 Mount the mudguards to the underside of the tray deck by lining up the pre-punched holes in the mudguard with one of the ribs running along the underside of the tray. Attach with 2 of **SCRHHSS620** & **NUT6N**.

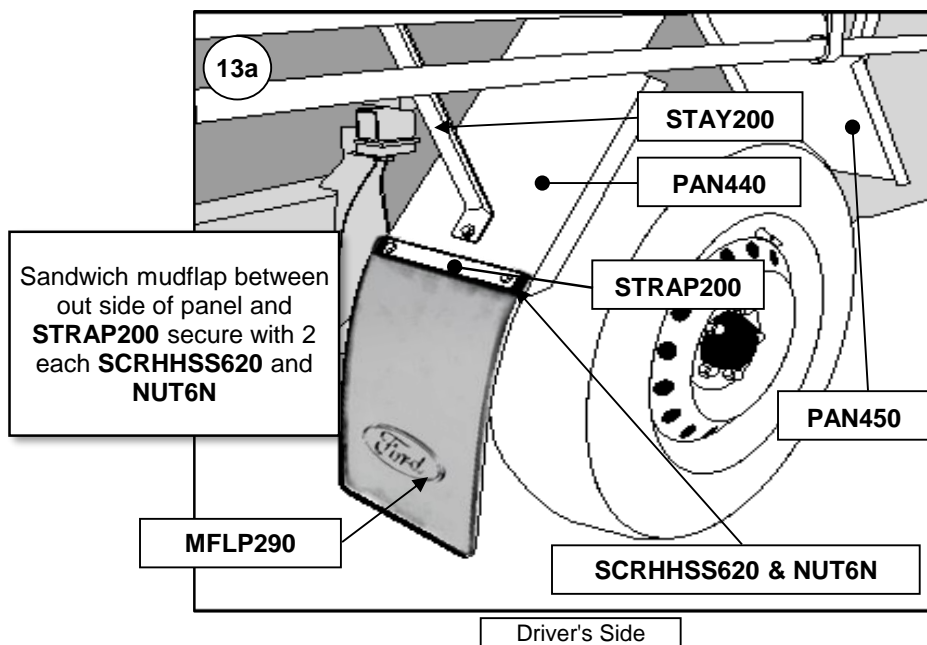
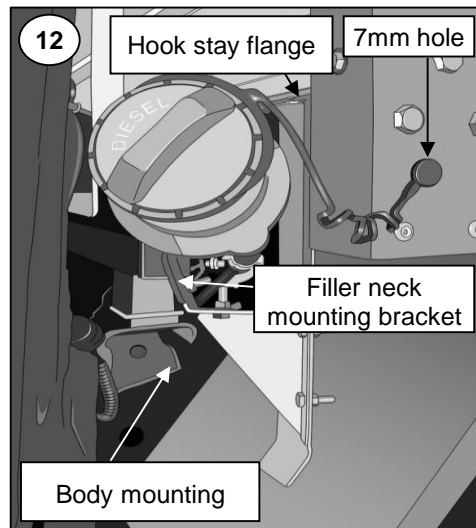
Note: The holes, pre-punched in the plank flange, position the mudguards at their widest position without reference to the vehicle track width. Legally the guard must cover both sidewalls of the tyres which may require the guard panels to be positioned **off** the plank holes. Make sure the spacing between the mudguard and wheel is sufficient for both aesthetic and functional purposes. See **ILL 11** above.

19 Attach the other end of the stay to the underside of the tray using same method but with only one fixing.

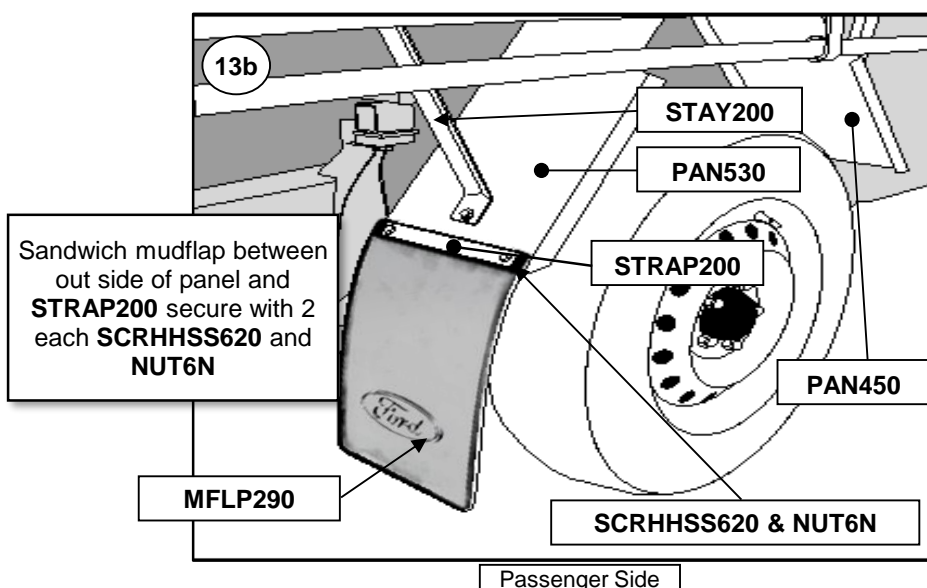
Note: The front stays should be hooked over the top of front plank flange and the extra hole will line up so that the edge of the stay flange remains hidden.

20 Rest the filler neck bracket on the **BKT750**, align the holes and attach the filler neck with two of **SCRHHSS620 & NUT6N**. See ILL 12.

21 Drill a 7mm (9/32") hole through the bottom of the headboard angle adjacent to the fuel filler and push the plastic button of the fuel cap retainer into it.



NOTE: Diagram 13a is shown **ONLY** for DC 2WD Low Rider (Chassis & Pick-up Well Body Removal).

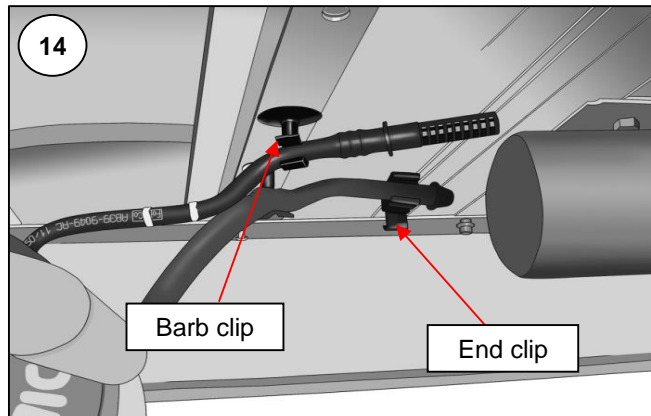


NOTE: Diagram 13b is shown for DC 2WD Hi-Rider (Chassis) and DC 4WD (Chassis).

- 22 Attach both **MFLP290** mud flaps to the mudguards using 4 of **SCRHHSS620** & **NUT6N** as well as 2 of **STRAP200** as shown in the **Diagram 13a & 13b** below.

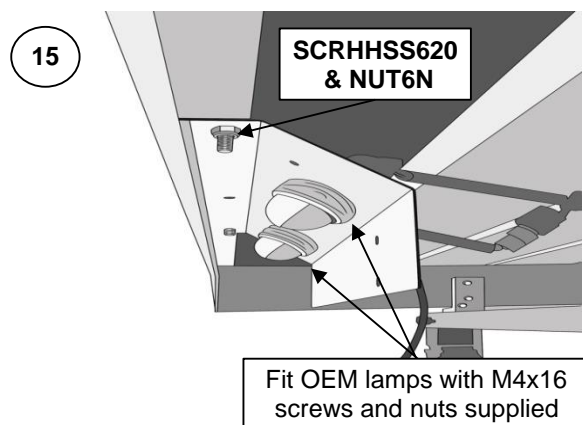
Note: Diagram only shows one side and requires only 2 bolts, washers, nuts and 1 strap.

- 23 Attach the two vent tubes to the underside of the tray wherever possible as in **ILL 14**.

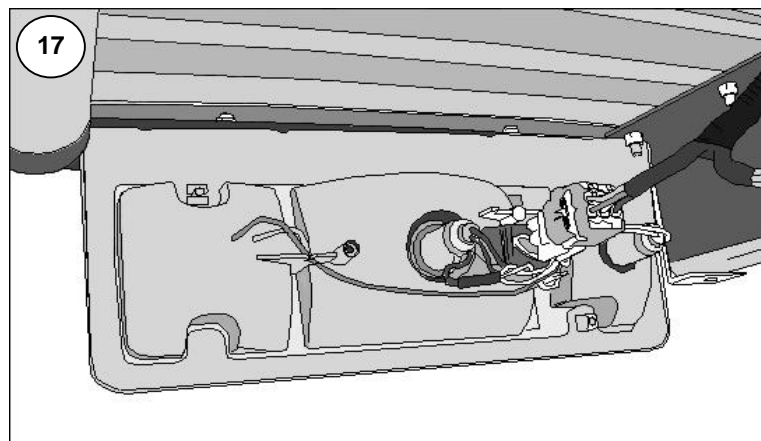
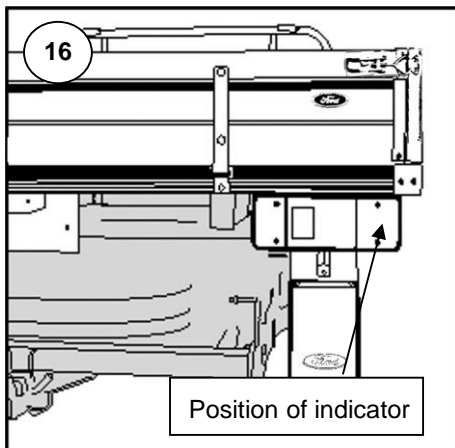


- 24 Fit the vehicle licence plate lamps into the apertures provided in the **BKT660** and secure with the four **SCRPHSS416** & **NUTSSM4** provided. See **ILL 15**.

- 25 Attach **BKT660** Number plate bracket in the centre at the rear end of the tray as far to the rear as possible. Use 4 of M6x20 SS bolts and M6 Nylock nuts to fit to the underside of tray.



Important: BKT660 Number plate bracket must be fitted to the rear end of the tray to meet ADR requirements (as shown in the image).



- 26 The OEM lamps and brackets should now be attached to the underside of the tray rear, ensure that the lenses are fully exposed and the indicator lenses are to the outside. **See ILL16**.

- 27 All rear lamps can now be re-connected to the main harness using the original multi-pin snap connectors, check for correct operation.
- 28 Restrain loose electrical cables by tying to bearers, cross bars etc with the **TIE100** supplied.
- 29 If alterations to the wiring need to be made it is recommended that you consult an auto electrician first.
- 30 Detail and clean the tray for delivery to the client.
- 31 The OEM tail lamps and brackets should be lowered using **NUT10N & BLTHHZP640**. See **ILL 18**

