TOYOTA LANDCRUISER 200 SERIES REAR BAR - 2007-2021



GENERAL FITTING NOTES

- Fitting should be completed by a professional or experienced installer
- Check and align all components during install
- Recheck bolts after 1000km, then every 10,000km
- Lubricate moving parts (e.g. with Lanolin)
- Use quality grease in bearing sleeve
- Avoid saltwater exposure and harsh chemicals
- Do not overload or misuse the product

If you are unsure of any steps or believe you're missing any parts please reach out to the team

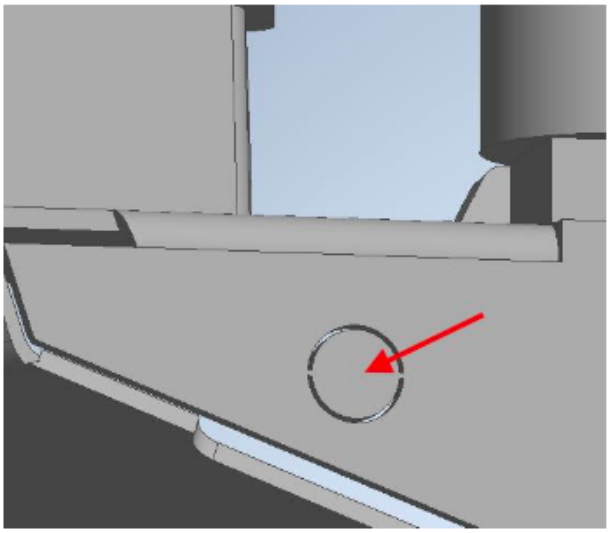
1.PREPARING FOR INSTALL

TOOLS REQUIRED	☐ Sikaflex or similar ☐ Allen key set ☐ Spanner set (up to 22mm) ☐ Socket set (up to 22mm) ☐ Shifter ☐ 12V wiring tools (soldering iron, etc.) ☐ 7-core trailer wire (~2m) ☐ Loctite ☐ Bearing grease ☐ Clip removal tools ☐ Oscillating multitool ☐ File or die grinder ☐ Drill & 13mm drill bit ☐ Automotive touch up paint
HARDWARE PROVIDED	• 10 x M12x1.25x35 bolts • 10 x M12 Large gold washers • 6 x M12x1.25 nut on sticks

2. REMOVE FACTORY BUMPER

2.1	Lower and remove spare wheel	
2.2	Remove tread plate	
2.3	Remove mud flaps & fasteners	
2.4	Remove 2x bolts under tow hitch	
2.5	Remove 3x Bolts per side underneath	
2.6	Remove 2x plastic clips in rear door jamb (each side)	
2.7	Disconnect parking sensors (Unplug from harness, not individually)	
2.8	Pull bumper off and set aside	
2.9	Remove factory tie-downs under chassis	
2.10	Remove bolts and spare wheel crossmember	

3. Fitting Sensors & Lights

3.1	Knock out sensor blanks in the new rear bar	
3.2	**Test fit sensors – slight filing or die grinding may be required for correct fitment**	
3.3	**Apply touch-up paint to any exposed metal before installing sensors**	
3.4	**Refit the sensors housing from the front and sensors into the back of the sensor housing**	
3.5	**Route the sensor harness neatly through the bar with the main connection on the left hand side of the car**	

3.6	**If wire length is insufficient, extend the three wires going to each side sensor by approximately 300mm to prevent tension**	 

3.7	Fit Road Vision tail lights with the supplied M5 bolts, washers and nuts , screw the bolts through mounting hole in the light before putting into the bar Predrilling the hole in the light to 5mm will make it easier to install. Over tightening the bolts will crack the taillights.	
3.8	Fit Road Vision reverse lights with the supplied rubber gasket and M6 torx bolts, washers and nuts	
3.9	Pre-wire lights to the trailer plug circuit	

4. Wiring (TCC Harness Option)

4.1	Route the harness through the bar with the bar-to-car connection on the driver's side	
4.2	This harness replaces the factory Toyota harness	
4.3	Route through the grommet below the driver's side tail light, into the vehicle, then across to the passenger side behind the interior panels	
4.4	Connect to the factory tow bar harness connection	

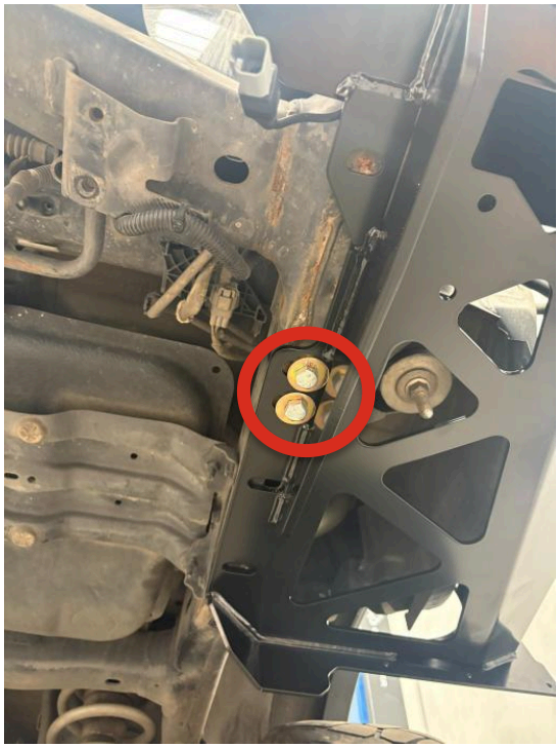
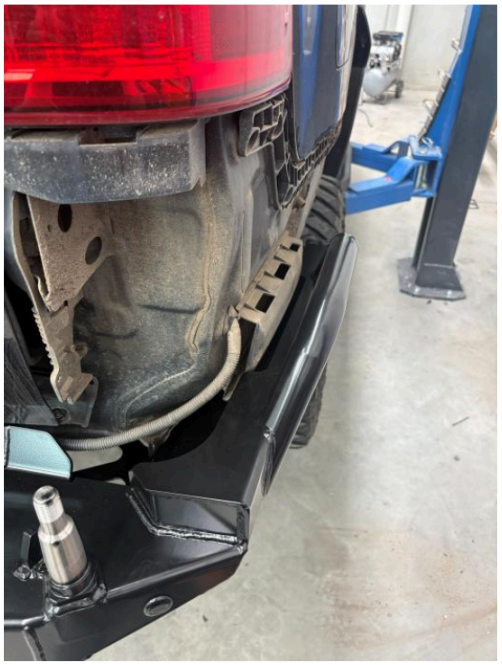
5. Fitting Components To Bar

5.1	**Mount the following to the bar in this order:** • **Hook plates** • **Latch Plates** • **Support Plates** **Use the 4 m10x25 stainless steel button head bolts with stainless washers on both sides and nyloc nuts**	
5.2	**Bolt on gas strut ball**	
5.3	**Mount tread plate** **Use the 6 stainless steel rivets**	

	provided or bolts can be used (not supplied)	

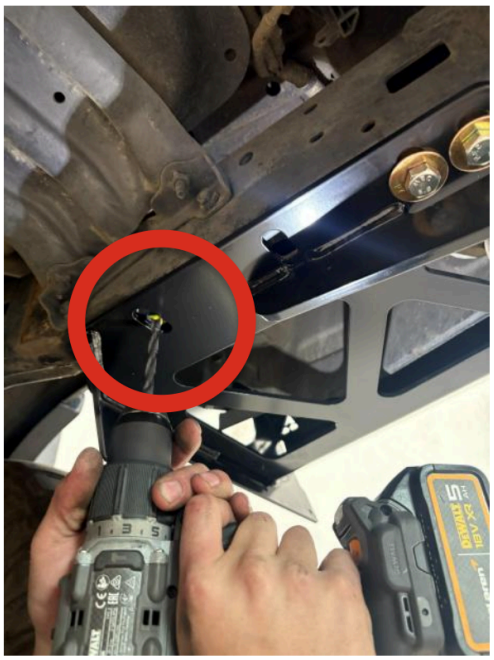
6. Mounting The Rear Bar

6.1	Lift the bar onto the vehicle using a scooping motion to clear the body mount bolt The bar will rest on the chassis without bolts initially Make sure any wiring is not caught under any points of car or the rear bar	

6.2	**Align the two centre mounting holes on each side and install M12 bolts with large gold washers loosely**	
6.3	**Centre the bar left-to-right by measuring from each side of the car**	
		
6.4	**Semi-tighten all four bolts once**	

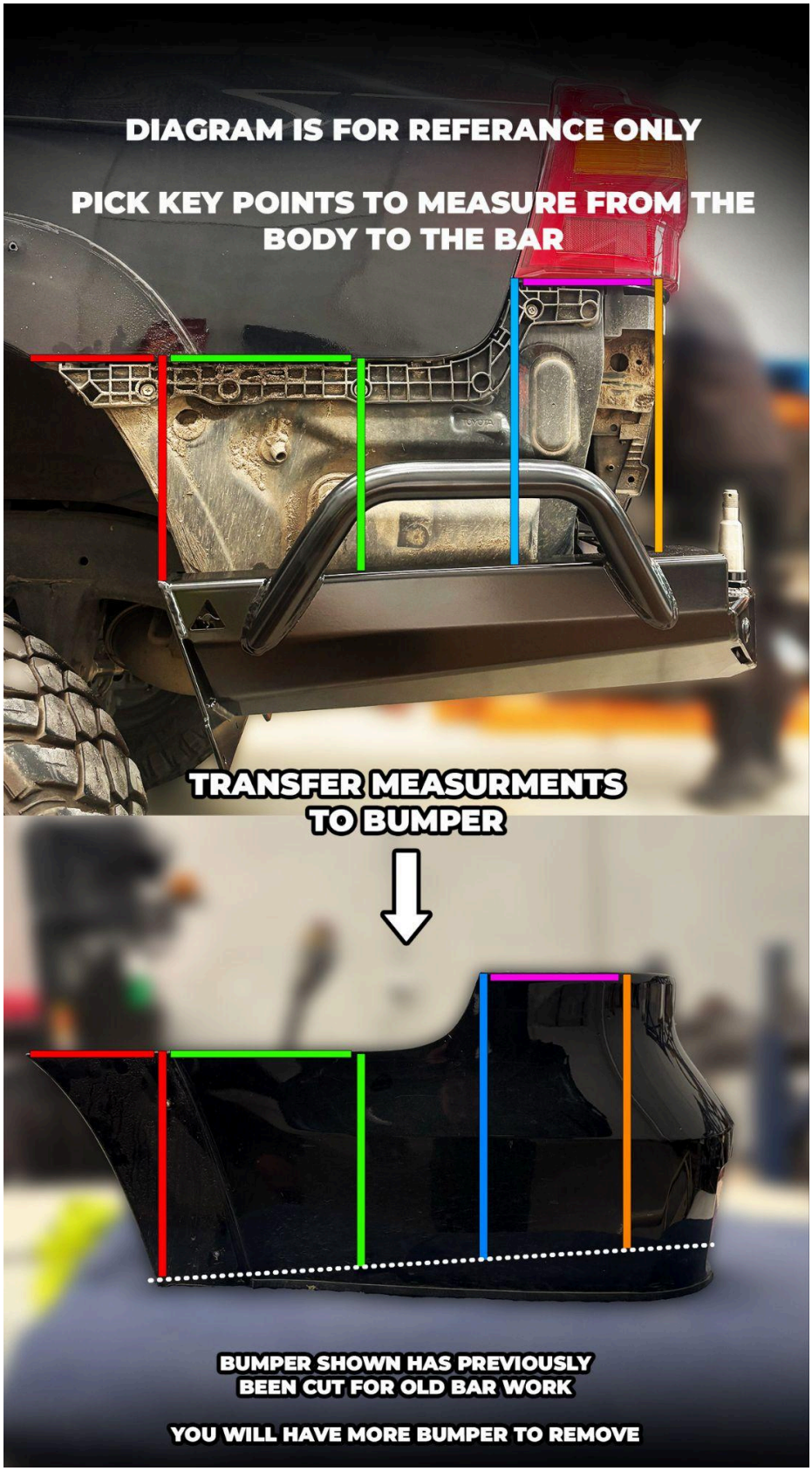
	alignment is correct	

7. Drilling & Rust Prevention

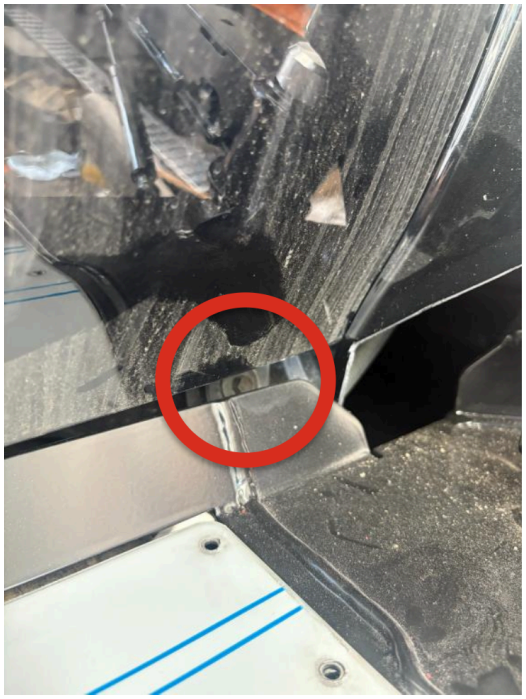
7.1	Drill the front and rear mounting holes to 13mm	
		
7.2	Apply automotive-grade touch-up paint to all drilled holes to prevent rust	
7.3	Loosen the two center bolts slightly and blow out any drilling swarf between the chassis rail and the bar Re-tighten the bolts once clean.	

7.4	**When paint has dried, insert M12 nuts on sticks into the chassis to secure the three remaining mounting holes** **Tip: Pre-bend the stick to match the path into the chassis**	
7.5	**Loosely fit all bolts, check bar alignment with body, then tighten all bolts to 77Nm (M12 torque specification)**	

8. Trimming & Final Fitment



8.1	**Measure the rear bar-to-body line and mark the bumper accordingly**	
8.2	**Trim along the line and test fit the bumper**	
8.3	**Add bulb seal — this usually requires an extra 15–20mm of trimming**	
8.4	**Continue trimming until the desired fitment is achieved**	

8.5	Trim out clearance for the carrier arm stub , The model pictured has cutout for factory reflector/light , if your model is slightly different trim bumper to clear the stub	
8.6	Trim downward, keeping the bottom mounting hole in place for securing the bumper	
		

8.7	**Place the carrier arm on the bar and check clearance for both the top dust cap and carrier arm when closed**	
8.8	**Install the bulb seal on the bumper**	

8.9	**Refit the bumper to the vehicle, securing with:** • **Factory plastic clips under taillight and along the body** • **Wheel arch screw** • **Rear door side screw**	