

Part Number:5640200ProductUS RANGER REAR BAR 2019 ONDescription:ALL MODELS, WITH BOTH THE LIGHT AND HEAVY DUTY TOWBARSuited to
vehicle/s:ALL MODELS, WITH BOTH THE LIGHT AND HEAVY DUTY TOWBAROptional
Accessory:5740200 – LOWER PROTECTION RAIL KIT

WARNING

NOTE THE FOLLOWING:

- This product must be installed exactly as per these instructions using only the hardware supplied.
- In the event of damage to any tow bar component, contact your nearest authorised ARB stockist.
- Do not use this product for any vehicle make or model, other than those specified by ARB.
- Do not remove labels from this tow bar.
- This product or its fixing must not be modified in any way.
- The installation of this product may require the use of specialized tools and/or techniques
- It is recommended that this product is only installed by trained personnel.
- These instructions are correct as at the publication date. ARB Corporation Ltd. cannot be held responsible for the impact of any changes subsequently made by the vehicle manufacturer.
- During installation, it is the duty of the installer to check correct operation/clearances of all components.
- Work safely at all times.
- Unless otherwise instructed, tighten fasteners to specified torque.
- For recovery, fit a suitable and rated tow hitch to the central tow hitch receiver.

ARB 4x4 ACCESSORIES

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GENERAL CARE AND MAINTENANCE

By choosing an ARB Bar, you have bought a product that is one of the most sought after 4WD products in the world. Your bar is a properly engineered, reliable, quality accessory that represents excellent value. To keep your bar in original condition it is important to care and maintain it following these recommendations:

- Prior to exposure to the weather your bar should be treated to a Carnauba based polish on all exposed surfaces. It is recommended that this is performed on a six monthly basis or following exposure to salt, mud, sand or other contaminants.
- As part of any Pre Trip Preparation, or on an annual basis, it is recommended that a thorough visual inspection of the bar is carried out, making sure that all bolts and other components are torqued to the correct specification. Also check that all wiring sheaths, connectors, and fittings are free of damage. Replace any components as necessary. This service can be performed by your local authorized ARB Stockist.

FITTING REQUIREMENTS

REQUIRED TOOLS FOR FITMENT OF PRODUCT:

BASIC TOOL KIT	METRIC SOCKET SET
METRIC ALLEN KEY SET	METRIC TORX KEY SET
60MM HOLE SAW (IF FITTING TO LIGHT DUTY TOWBAR)	TORQUE WRENCH CAPABLE OF 275Nm

HAVE AVAILABLE THESE SAFETY ITEMS WHEN FITTING PRODUCT:

Protective eyewear



Hearing protection



NOTE: 'WARNING' notes in the fitting procedure relate to OHS situations, where to avoid a potentially hazardous situation it is suggested that protective safety gear be worn or a safe work procedure be employed. If these notes and warnings are not heeded, injury may result.

FASTENER TORQUE SETTINGS:					
SIZE	Torque Nm	Torque lbft			
M6	9Nm	7lbft			
M8	22Nm	16lbft			
M10	44Nm	32lbft			
M12	77Nm	57lbft			
M16	200Nm	148lbft			

	PARTS LISTING						
APPLICATION.	PART NO.	QTY	DESCRIPTION				
BAR FITMENT	3193877	1	PLATE EXTRUSION SUIT US RANGER				
	180302	8	CABLE TIE 4.8 x 180mm				
	3163091	1	PLUG BLANKING 17.4mm				
	3163222	2	PLUG SENSOR BLANKING PAIR				
	3540290	1	SENSOR SURROUND KIT (4)				
	4654955L	1	CHASSIS SPACER LH				
	4654955R	1	CHASSIS SPACER RH				
	4581085	12	WASHER FLAT M8x19x1.2 ZNB480				
	6151300	10	NUT CAGED M6 2.6-3.5				
	6151384	4	SCREW ST PHD 5.2x16 BTZP480				
	6151625	12	SCREW BHD M8x1.25x25				
	6151548	4	NUT FLANGE M8x1.25 BTZP 480 SERRATED				
	6151975	10	SCREW BHD M6x12 SS				
	6821189	4	GROMET RND – NUMBER PLATE RETAINER				
OPTIONAL: LOWER PROTECTION RAIL KIT	PART NO.	QTY	DESCRIPTION				
	4654816L	1	WELDED ASSEMBLY RAIL LH				
	4654816R	1	WELDED ASSEMBLY RAIL RH				
	4654817L	1	WELDED ASSEMBLY CHASSIS PLATE LH				
	4654817R	1	WELDED ASSEMBLY CHASSIS PLATE RH				
	4584363	10	WASHER FLAT M12x26x4 TZP480				
	6151355	10	BOLD HXHD M12x1.75x30 TZP480				

6151657

10

NUT FLANGE M12x1.75 TZP480

FITTING PROCEDURE					
	1.	Removal of OE bumper – Follow this procedure for both the light duty & heavy- duty tow bars. (Heavy duty tow pack shown)			
	2. 3.	Unclip the number plate lights from behind the bumper and remove. Disconnect the globes from the housings and set aside the housings for use in the ARB rear bar.			
TON REAL OF ANY	4.	Using the vehicle key, remove the locking plug for the spare wheel access. Set aside for use in the ARB rear bar.			
	5.	Unclip the smart trailer plug from behind. (Heavy duty tow pack models only). Disconnect the wiring loom from the plug. Set plug aside for use in the ARB rear bar.			

FITTING PROCEDURE

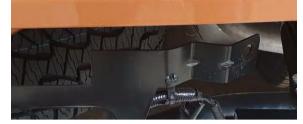


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Tabs prior to bending

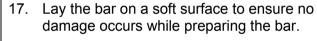
- 14. For fitment of the ARB rear bar, these two mounting tabs on each side need to be bent out of the way. (This can be done using pliers or a shifter)
- 15. Bend the upper tabs back by 45deg as shown:



16. Bend the lower tabs down by 90deg as shown:

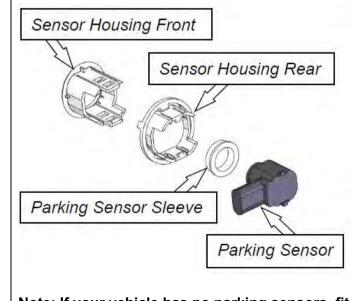


Bar Preparation:



 Insert the 4x ARB front sensor housings supplied in the fitting kit as shown. Turn the bar over and clip on the housing rear.

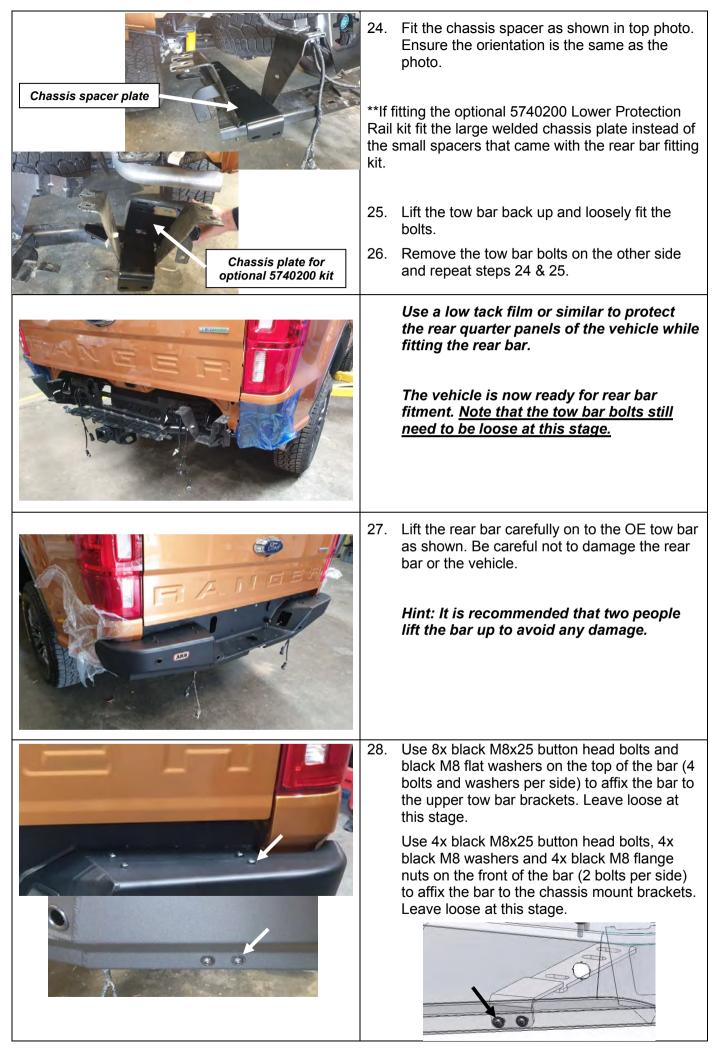
The parking sensor rubber sleeve should have remained on the parking sensor when unclipped from the OE bumper.



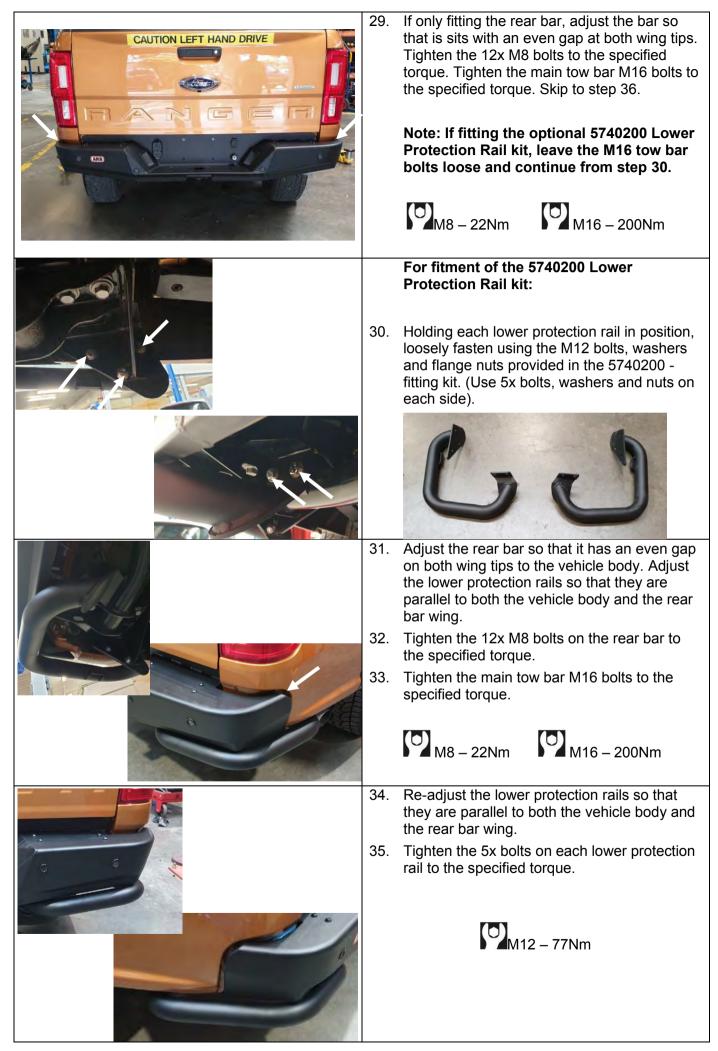
Note: If your vehicle has no parking sensors, fit the blanking plugs supplied in the fitting kit.







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FITTED PRODUCT – 2019 US Ranger with heavy-duty tow pack & 5740200 lower protection rail kit



2019 US Ranger with light-duty tow pack



FITTED PRODUCT

NOTICE: ONCE BAR IS FITTED:

• Ensure all bolts are tensioned correctly.

• All wiring is clear of sharp edges or moving surfaces and secured properly.

- Piping is secured well away from sharp or moving components.
- Check all wiring and connections to lamps and sensors.
- If fitted, test operation of parking sensors after fitment.

NOTE:

Sensors may not function well under the following conditions:

• After the vehicle has been sitting out in hot or cold weather.

• When the system is affected by electrical equipment or devices generating an ultrasonic wave.

• When operating in bad weather