ARB FITTING INSTRUCTIONS

ARB HIGH MOUNT WINCH BULL BAR TO SUIT
TOYOTA LANDCRUISER 100 SERIES NON SRS EQUIPPED No 3413030

WARNING

THIS BULL BAR MUST NOT BE FITTED TO AIRBAG EQUIPPED VEHICLES.
FITMENT TO AIRBAG EQUIPPED VEHICLES MAY INTERFERE WITH THE PROPER OPERATION OF THE AIRBAGS AND MAY RESULT IN SERIOUS INJURY.

TAKE NOTE OF THE FOLLOWING:

- **THIS PRODUCT MUST BE INSTALLED EXACTLY AS PER THESE INSTRUCTIONS USING ONLY THE HARDWARE SUPPLIED.**
- **IN THE EVENT OF DAMAGE TO ANY BULL BAR COMPONENT, CONTACT YOUR NEAREST AUTHORISED ARB STOCKIST. REPAIRS OR MODIFICATIONS TO THE IMPACT ABSORPTION SYSTEM MUST NOT BE ATTEMPED.**
- **DO NOT USE THIS PRODUCT FOR ANY VEHICLE MAKE OR MODEL, OTHER THAN THOSE SPECIFIED BY ARB.**
- **DO NOT REMOVE LABELS FROM THIS BULL BAR.**
- **THIS PRODUCT OR IT'S FIXING MUST NOT BE MODIFIED IN ANY WAY.**

BULL BAR FITTING KIT No 6171311

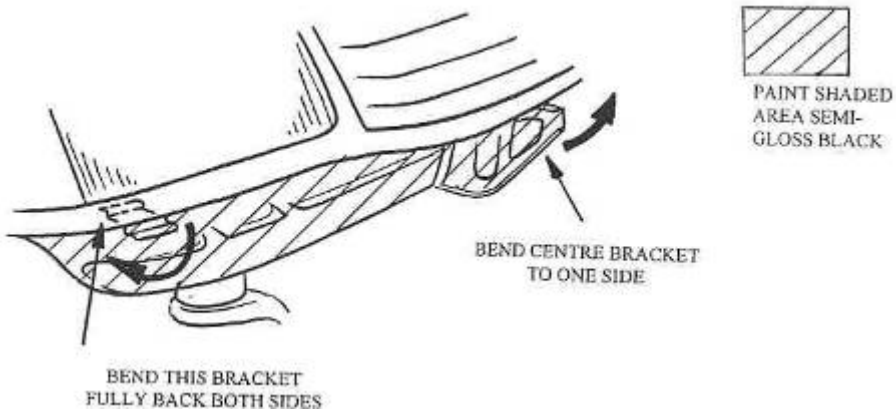
USE	PART No	QTY	DESCRIPTION
TOP + INSIDE OF MOUNTING BRACKET TO CHASSIS	3751779R	1	MOUNTING BRACKET RHS
	3751779L	1	MOUNTING BRACKET LHS
	6151094	4	M12 X 30mm BOLT
	4581049	4	M12 FLAT WASHER
	4581050	4	M12 SPRING WASHER
UNDERSIDE OF MOUNTING BRACKET TO CHASSIS	5846222	2	PACKER
	6151097	4	M12 X 50mm BOLT
	4581049	4	M12 FLAT WASHER
	4581050	4	M12 SPRING WASHER
BULL BAR TO MOUNTING BRACKET	4581050	6	M12 SPRING WASHER
	4581049	6	M12 FLAT WASHER
	6151246	6	M12 X 25mm BOLT
OUTSIDE OF MOUNTING BRACKET TO CHASSIS	6151087	6	M10 X 25mm BOLT
	4581048	6	M10 SPRING WASHER
	4581040	8	M10 FLAT WASHER
	6151133	2	M10 NUT
WINCH	4581041	4	7/16" FLAT WASHER
NUMBER PLATE	6151017	2	M6 X 16mm BOLT
	6151046	2	M6 FLAT WASHER
	6151128	2	M6 FLANGE NUT
	3500080	1	ARB INDICATOR KIT
	180302	4	CABLE TIES

If you have any queries regarding the installation of this product please contact the distributor from whom it was purchased, or alternatively the ARB office in your state.
Head Office – ARB corporation Ltd VIC: 42-44 Garden Street, Kilsyth, Victoria, 3137 Tel: (03) 9761 6622 Fax: (03) 9761 6807
WA:(08) 9244 3553 **NSW:** (02) 9821 3633 **ACT:** (02) 6280 7475 **SA:** (08) 8244 5001 **QLD:** (07) 3872 3872 **NT:** (08) 8947 2262 **TAS:** (03) 6331 4190

TOOLS REQUIRED

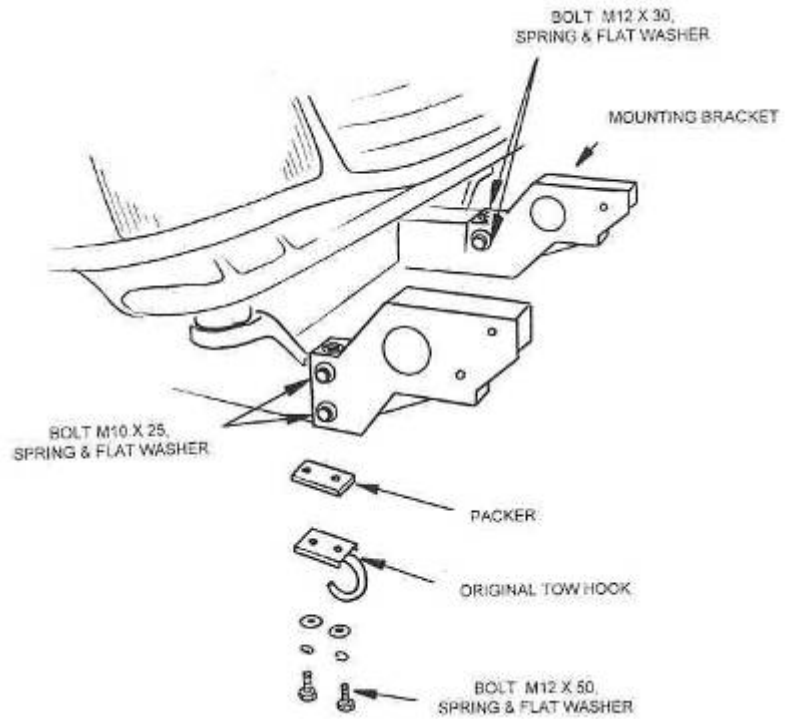
Basic tool kit including a torque wrench, black paint, 10mm, 12mm drill bit and drill

1. Remove bumper bar and tow hooks from the vehicle. Bend brackets on the vehicle to clear the bull bar and paint the area shown in diagram 1, semi gloss black.
   DIAGRAM 1



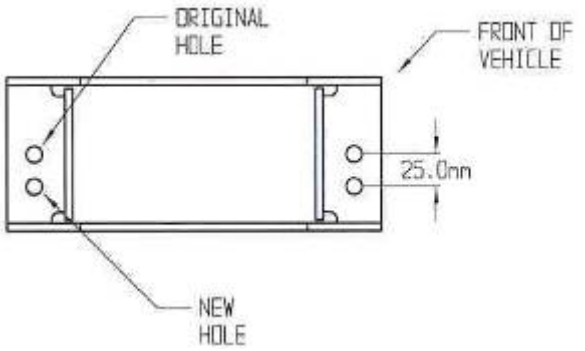
2. Slide the mounting brackets over the chassis rails. Fit two per side M12 x 30mm bolts, spring washers and flat washers into the top and inside holes. Fit two per side of M10 x 25mm bolts, spring washers and flat washers into the outside holes. Bolt the original tow hook (and packer provided) to the holes in the underside of the impact absorber using two per side M12 x 50mm bolts, spring washers and flat washers. Tighten the bolts to the torque specified. (Refer to diagram 2.)

   DIAGRAM 2



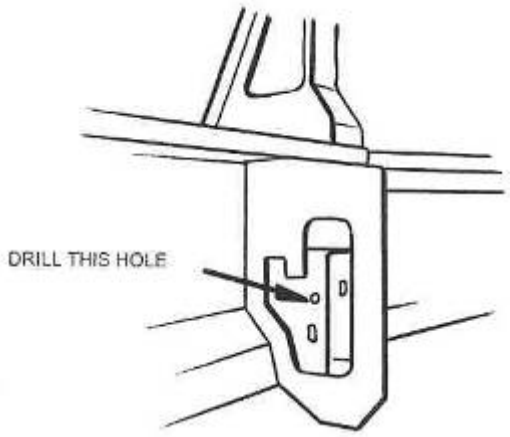
3. The roller fairlead must have new holes drilled to allow for correct wire rope angle. Using a 12mm diameter drill bit, redrill the roller fairlead as shown. (Refer to diagram 3.)

DIAGRAM 3



4. Fit the winch and roller fairlead to the bull bar using the four 7/16” bolts, spring washers and nuts from the winch kit and four 7/16” flat washers from the bolt kit.
5. Assemble the number plate onto the bull bar using the two M6 x 16mm bolts, flat washers and flange nuts from the bolt kit.
6. Fit the indicators to the front of the bull bar.
7. With the help of a friend, lift the bull bar on to the mounting brackets and assembly using six M12 x 25 bolts, spring washers and flat washers. Finger tighten the bolts.
8. Align the bull bar to the correct relationship to the vehicle and tighten the bolts to the torque specified below.
9. Using the 10mm holes in the bull bar as a guide, drill through the mounting brackets with a 10mm drill and secure using two M10 x 25 bolts, flat washers, spring washers and nuts. (Refer to diagram 4.)

DIAGRAM 4



10. Connect the winch cables to the vehicle. **Refer to the Warn winch manual for vehicle wiring instructions.**

NOTE: Ensure that these cables are installed well clear of sharp, hot or moving objects. Secure the winch cables to the vehicle with the supplied cable ties.

11. Pull the winch cable through the roller fairlead and position the hook into one of the cable hook eyes.
12. Connect the indicator looms to the existing indicator loom with the Scotchloks supplied. Test to ensure the indicators function correctly.

TORQUE SETTINGS

MI2 BOLTS 110NM (80FT LB)
M10 BOLTS 61NM (45FT LB)