

ARB FITTING INSTRUCTIONS

PART Nos 3414020 Suits standard dual cabs & all single cabs and cab chassis
 3414030 Suits 89-91 extra cabs & 4 Runners
 3414060 Suits Feb '92 on SR5 4 runners with OE flares
 3414070 Suits extra cabs, 4 runners without OE flares & SRS dual
 cabs from Feb '92 on

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 ATTEMPTED.**
- **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.**

TOOLS REQUIRED –

Basic Tool Kit

½” drill and ½” drill bit

PROCEDURE – Refer to winch fitment details overleaf before proceeding

1. Remove the standard [bumper](#) and skirt.
2. Remove splash pan and strengthening plates where fitted.

3. FRONT LEAF SPRING MODELS ONLY

Remove the bolts that retain the front shackle pin retaining plates. Remove shackle pin nuts and washer. With a soft hammer knock pins back flush with chassis. Do not remove pins.

4. FOR 4 RUNNER VEHICLES ONLY

Refit 2 indicator plastic plugs to square holes in indicator brackets in bull bar.

Using 2 self-tapping screws from ARB kit and 2 original screws refit indicators into bull bar. Use the 2 original screws where the plastic plugs were fitted and the 2 new screws from the back of the bar through the bracket and into the light.

When the bull bar is fitted reconnect to original plugs.

5. ALL MODELS

Lift bull bar into position. Fit four 12mm bolts (with 17mm head) and spring washers supplied and four 14mm bolts, spring and flat washers supplied through bull bar holes into chassis.

6. Fit two 12mm x 40mm bolts & spring washers behind air deflectors into front chassis cross member. Do not fully tighten yet.
7. Fit 4 original bumper bar mounting bolts through bull bar wing brackets into side bumper bar chassis mounts.

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8. Fit two 12mm x 35mm bolts, flat & spring washers supplied with offset 38mm washer to rear of bull bar to chassis with offset washer clamping bar to chassis.

9. Tighten all bolts and refit shackle pins if fitting to leaf spring model.
10. Fit the new indicators supplied as follows:
 - a. Push plastic plugs into holes in indicator recess in each wing. Put the indicator into the indicator recess and secure in place with the screws supplied.
 - b. Connect a wiring loom to each of the indicators and then wire into the vehicle wiring.
11. Refit tow hook.

12. **ALL MODELS**

Refit registration plate using 6mm hardware.

13. Trim off excess inner plastic from mudguard with knife.

NOTE: Driving Lights. Due to the difficulty in accessing the driving light mounting nuts when the winch is fitted we have provided 2 additional mounting brackets. Fasten the driving lights to the brackets then using the 8mm bolts, spring washers and washers, bolt bracket and driving lights to bull bar pan. Adjust as necessary.

ROLLER FAIRLEAD & WINCH FITMENT

New mounting holes must be drilled in the roller fairlead to line up with the winch mounting holes in the bull bar.

1. Remove the circlips which retain side pins.
2. Remove side pins and side rollers from roller fairlead.
3. Position fairlead hard up against roller fairlead bracket.
4. From rear of bar using holes in bull bar as a guide mark out new hole positions on roller fairlead and drill out to ½”.
5. The winch clutch handle must be rotated to be easily accessible when fitted into the bull bar. Remove all the Allen head bolts retaining the clutch and gear box and rotate this assembly 2 holes clockwise. Refit all bolts and tighten.
6. Mount the control box bracket to the centre of the bull bar with nuts and bolts supplied prior to fitting winch. Fit the 50mm OD rubber grommet to the hole in the top pan of the bull bar and mount the control box onto the bracket using original nuts on control box.

Feed the cables through the grommet and connect to the winch as per winch manual.

If the control box is to be mounted under the bonnet see Note 1 below.

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7. Position the winch on top of a 20 litre or 60 litre drum with the mounting holes facing upwards.
8. **Note: Only for Part No 3414020**

Place 8mm packers over the winch mounting holes.
9. Place the bull bar on top of the winch and align mounting holes. Using bolts supplied with winch and 3/8" washers in ARB kit, fit and finger tighten the two upper bolts.
10. Place roller fairlead in position over two lower holes and fit two 1 3/4" x 3/8" bolts and 3/8" washers supplied in ARB kit and finger tighten.
11. Ensure winch and roller fairlead are aligned and tighten all bolts.
12. Using 6" bolts supplied, place a flat washer under the head of both bolts and insert bolts through roller fairlead bracket and side rollers. Fit nylon nuts and tighten so that rollers turn freely.
13. Fit bull bar to vehicle following procedure on page 1.
14. Wire up winch as per winch instructions.
15. If driving lights are fitted, wire up.
16. Check operation of winch as per winch manual.

UNDER NO CIRCUMSTANCES IS THE WINCH TO BE USED BEFORE THE OWNER'S MANUAL HAS BEEN READ AND UNDERSTOOD. FAILURE TO COMPREHEND THE MANUAL CONTENTS COULD RESULT IN OPERATION DANGER AND WINCH FAILURE.

Note 1

When fitting the control box under the bonnet ARB bracket number 3751214 is required along with one 1500mm length red cable and two 1500mm black cables.

Fit the cables to the winch before mounting the bull bar to the vehicle. Identify and tag the cables with number codes for easier identification later.

Fit the bull bar to the vehicle as per fitting instructions and feed the cables through the radiator support panel up to the control box. Be sure to insulate the cables against any sharp edges.