

ARB FITTING INSTRUCTIONS

AUGUST 1995 (RU)

DELUXE WINCH BULL BAR TO SUIT
TOYOTA HILUX LWB & D/CAB LEAF SPRUNG 84-88 MODELS

PART No 3414090 (Replaces 3414010)

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
1/2" drill & 1/2" drill bit

PROCEDURE - Refer winch fitment overleaf before proceeding

1. Remove indicators from standard bumper.
2. Remove standard bumper and skirt.
3. Remove splash pan, chassis front gussets and tow hook.
4. Remove bolts that retain front shackle pin retaining plates. Remove shackle pin nuts and washers and with a soft hammer knock pins back flush with chassis. Do not remove pins.
5. Refit indicators into bull bar using original screws and the nylon plugs supplied. Place indicators in from the front of the bar.
6. Remove chassis strengthening plates and discard.
7. Lift bull bar into position.
8. Fit 4 of the 12mm x 35mm bolts, flat and spring washers. Do not fully tighten yet.
9. Fit 4 - 10mm bolts, flat and spring washers to underneath of crossmember pan.
10. Fit 2 of the 12mm x 35mm bolts, flat and spring washers supplied, with the 38mm offset washers to rear of bull bar clamping bull bar to chassis.
11. Tighten all bolts and refit shackle pin retaining plates, washers and nuts.
12. Reconnect indicators to original plugs.
13. Refit tow hook using 2" x 1/2" bolts and nuts.
14. Refit registration plate using 6mm hardware.
15. Refit original splash pan to chassis.

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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 pt/no 3751430. Fasten the driving lights to the brackets then using the 8mm bolts, spring washers and washers, bolt bracket and driving light 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 circlips which retain side pins.
2. Remove side pins & side rollers from roller fairlead.
3. Position roller 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 1/2".
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 pt/no 3751437 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
7. Carefully place the bull bar face downwards. Position the winch into the bar, using 3/8" bolts supplied with winch kit and 3/8" washers in ARB kit fit and finger tighten the two upper bolts.
8. Place roller fairlead in position over two lower holes and fit 2 - 1 3/4" x 3/8" bolts and 3/8" washers supplied in ARB kit and finger tighten.
9. Ensure winch and roller fairlead are aligned and tighten all bolts.
10. Using 6" bolts supplied, place a flat washer under the head of both bolts and insert bolts down through roller fairlead bracket and side rollers.

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11. Position number plate bracket, pt/no 3751526 onto protruding 6" bolts. Ensure number plate mounting surface is behind bolts, clear of the winch cable. Fasten with nyloc nuts and tighten so that the rollers turn freely.
12. Fasten number plate to the front face of the number plate bracket.
13. Fit bull bar to vehicle following procedure on page 1.
14. Wire up winch as per winch manual 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 OPERATOR DANGER AND WINCH FAILURE.

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 battery. Be sure to insulate the cables against any sharp edges.