



# FITTING INSTRUCTIONS

JUNE 1996 (TR)

## WINCH BULL BAR TO SUIT 1992 ON HOLDEN JACKAROO

PART No 3444050

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### TOOLS REQUIRED -

Basic tool kit  
1/2" drill and 13mm or 1/2" drill bit

### PROCEDURE -

#### ROLLER FAIRLEAD AND WINCH FITMENT

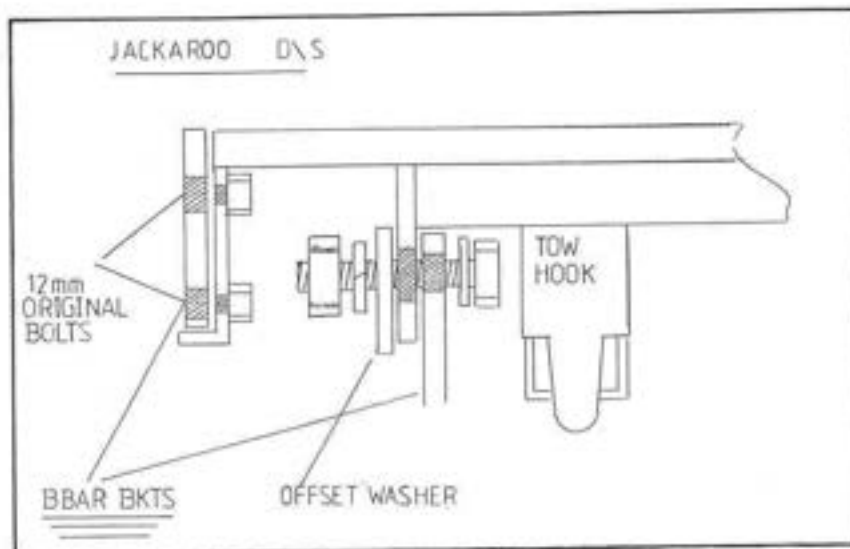
New mounting holes must be drilled in the roller fairlead to line up with the winch mounting holes in bull bar.

1. Remove circlips which retain side pins.
2. Remove side pins and side rollers from roller fairlead.
3. Position roller fairlead hard up against roller fairlead bracket.
4. From rear of bull bar using holes in bull bar as a guide, mark out new hole positions on the roller fairlead and drill out to 7/16".
5. Fit winch control box bracket to bull bar using 8mm hardware and fit registration plate bracket to bull bar using 6mm hardware.
6. To access winch clutch handle easily, the winch gearbox must be rotated 4 bolt positions anti clockwise. Place winch on its motor end and remove gearbox cap screws using a 4mm Allen key. Carefully raise gearbox (without breaking gasket) just enough so that it may be rotated. Refer diagram. Refit cap screws.
7. Position winch on top of a 20 litre or 60 litre drum with mounting holes facing upwards. Place the square nuts supplied with winch into retaining slots.
8. Place the bull bar on top of the winch and align mounting holes. Using bolts supplied from winch kit and 3/8" washers supplied in ARB kit, fit and finger tighten the 2 upper bolts into the square nuts.
9. Place roller fairlead in position over the 2 lower holes and align. Using 1 3/4" x 3/8" bolts and 3/8" washers and spring washers from ARB kit finger tighten bolts into roller fairlead.
10. Ensure winch and roller fairlead are aligned and tighten all bolts.
11. Using 6" x 5/8" bolts supplied, place a flat washer under the head of both bolts and insert bolts through roller fairlead bracket and side rollers. Fit flat washer and tighten using nyloc nuts and tighten so that rollers turn freely.

12. Fit winch control box to bracket already fitted to bull bar using nuts on studs of control box. Fit rubber grommet supplied in ARB kit into hole on top of winch pan. Feed control cables down through grommet and wire to winch as per winch manual.
13. Fit bull bar as per fitting instruction below.

#### BULL BAR FITMENT

1. LS Models Only  
Disconnect auxiliary driving light looms behind bumper.
2. All Models  
Remove registration plate, original bumper and tow hook from vehicle and retain all hardware.
3. LS Models Only  
Remove auxiliary driving lights from bumper bar and remove surrounds from lights. Refit lights to lower brackets on bull bar using original hardware.
4. All Models  
Fit indicators to bull bar using kit supplied.
5. Slide chassis brackets onto vehicle chassis rails and align holes. Using the four original bumper bar bolts, fit the bolts through the chassis brackets into captive nuts in chassis. Ensure winch to battery cables are fed properly behind grille and up to battery. Do not crush cables.
6. Fit 2 - 1 1/2" x 1/2" bolts and offset washers through lower inside holes of chassis brackets to chassis as per diagram and tighten.



7. Lower bull bar between chassis brackets and bolt up using 1 1/2" x 1/2" bolts etc..
8. Drill out 13mm holes in centre of lower pan using bull bar pan holes as a guide and fit the 2 - 1 1/2" x 1/2" bolts, flat and spring washers and nuts.
9. Before tightening bull bar mounting bolts ensure there is a minimum of 20mm between bull bar wings and front guards.
10. Tighten all fixing bolts.
11. To refit tow hook, drill out 10mm hole in side of chassis bracket - driver side - through chassis rails. Drill out same hole in passenger side of chassis rail. Fit tow hook to driver side using 50mm x 10mm hardware. Fit 30mm x 10mm hardware to passenger side of vehicle.
12. LS Models Only  
Reconnect driving lamps to original looms through rear holes provided in bull bar.
13. All Models  
Refit registration plate to bull bar.
14. All Models  
Connect winch cables to battery as per winch manual.

FITMENT OF TOW HOOK (POINT 11. ABOVE) MUST BE CARRIED OUT AS ITS FITMENT HELPS LOCATE AND LOCK THE MOUNTING BRACKET.

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.