



# FITTING INSTRUCTIONS

## DELUXE /WINCH BULL BAR TO SUIT LAND ROVER DEFENDER & 110

PART No: 3432040/090, 3232040

### TOOLS REQUIRED -

Basic tool kit

### PROCEDURE -

#### WINCH & ROLLER FAIRLEAD FITMENT

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

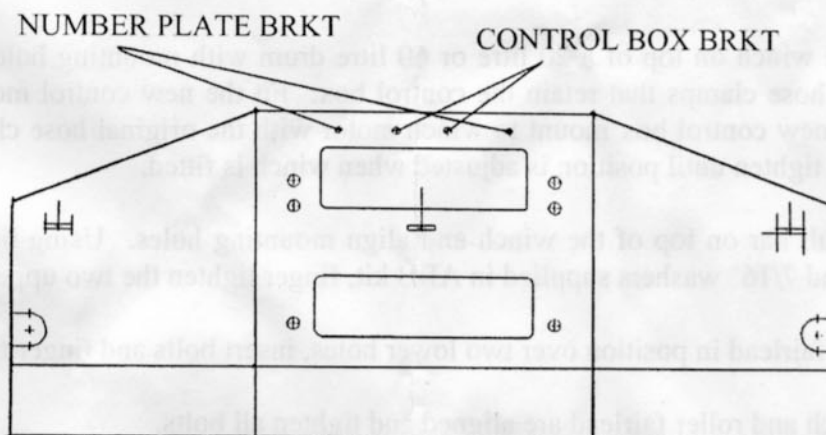
1. Remove circlips which retain side pins.
2. Remove side pins and side rollers from roller fairlead.
3. Position roller fairlead hard up against roller fairlead bracket.
4. From rear of bar using holes in bull bar as a guide, mark out new hole position on roller fairlead and drill out to 1/2".
5. Position the winch on top of a 20 litre or 60 litre drum with mounting holes facing upwards. Loosen the hose clamps that retain the control box. Fit the new control mount to the control box. Refit new control box mount to winch motor with the original hose clamps over mount, do not fully tighten until position is adjusted when winch is fitted.
6. Place the bull bar on top of the winch and align mounting holes. Using bolts supplied from winch kit and 7/16" washers supplied in ARB kit, finger tighten the two upper bolts.
7. Place roller fairlead in position over two lower holes, insert bolts and finger tighten.
8. Ensure winch and roller fairlead are aligned and tighten all bolts.
9. Using 6" bolts supplied, place a flat washer under the head of both bolts through roller fairlead bracket and side rollers. Fit nyloc nuts and tighten so that rollers turn freely.

10. If Warn's 8000 or 9000lb winch are to be used bracket part number 3751367 will be required to fit control box utilising the two centre 8mm holes (refer to diagram) on the front of the bar between the registration plate holes. If installing Warn's 10,000lb winch use control box bracket part number 3751311 - remove control box from winch and bolt bracket onto control box and then refit under metal bands/clamps (this will raise the control box to clean winch pan gussets).

### BULL BAR FITTMENT

11. Remove bumper bar from vehicle.
12. Remove captive nut plates from original bumper and fix to bull bar internal chassis bracket plates.
13. Lift bull bar onto chassis rails and refit original bumper bolts through bull bar chassis brackets, through chassis rails and into captive nut plates, and finger tighten.
14. Make sure the bull bar is in correct alignment with vehicle and tighten all nuts and bolts.
15. Drill out the 1/2" holes through chassis using bull bar as template then bolt into position using the bolts supplied.
16. Refit registration plate to two outer holes (refer to diagram) using 6mm hardware.
17. Wire up winch as per winch manual instructions.
18. 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 & UNDERSTOOD. FAILURE TO COMPREHEND THE MANUAL CONTENTS COULD RESULT IN OPERATOR DANGER & WINCH FAILURE.**



L/ROVER DEFENDER

PLACEMENT FOR 8000LB + 9000LB CONTROL BOX BRKT

PLACEMENT FOR NUMBER PLATE BRKT