ARB FITTING INSTRUCTIONS

OCTOBER 1996 (SN)

DELUXE WINCH BAR TO SUIT JEEP CHEROKEE

PART No 3450010

WARNING

FOR VEHICLES EQUIPPED WITH SRS AIRBAG
WHEN INSTALLED IN ACCORDANCE WITH THESE INSTRUCTIONS, THE FRONT PROTECTION BAR DOES NOT AFFECT OPERATION OF THE SRS AIRBAG.

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 ITS FIXING MUST NOT BE MODIFIED IN ANY WAY.**

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

Basic Tool Kit
1 - No.50 Torx socket}
1 - No.55 Torx socket} (to remove bumper bar from vehicle)

PROCEDURE -

1. **Fit registration plate bracket to bull bar using 6mm hardware.**

2. **Fit control box bracket to bull bar using 8mm hardware.**

ROLLER FAIRLEAD AND WINCH FITMENT

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

4. **Remove circlips which retain side pins.**

5. **Remove side pins and side rollers from roller fairlead.**

6. **Position roller fairlead hard up against roller fairlead bracket on bull bar.**

7. **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".**

8. **The winch clutch handle must be rotated to be easily accessible when fitted into the bull bar. Remove all the Allen screws retaining the clutch and gearbox. Rotate this assembly clockwise so handle can be reached from cutout in bull bar on passenger side. NOTE: TAKE CARE NOT TO LIFT THE ASSEMBLY MORE THAN A COUPLE OF MILLIMETRES WHILE ROTATING TO DESIRED POSITION TO AVOID UNMESHING OF GEARS.**

9. **Refit all bolts and tighten.**

10. **Fit the 50mm OD rubber grommet to the hole in the top of the bull bar.**

11. **Mount the control box to the control box bracket using original nuts on control box.**

12. **Feed the control box cables down through the grommet to winch motor.**

13. **Position the winch on top of a 20 litre or 60 litre drum with the mounting holes facing upward.**

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14. **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 tighten the two upper bolts.**

15. **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.**

16. **Ensure winch and roller fairlead are aligned and tighten all bolts.**

17. **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 nyloc nuts and tighten so that rollers turn freely.**

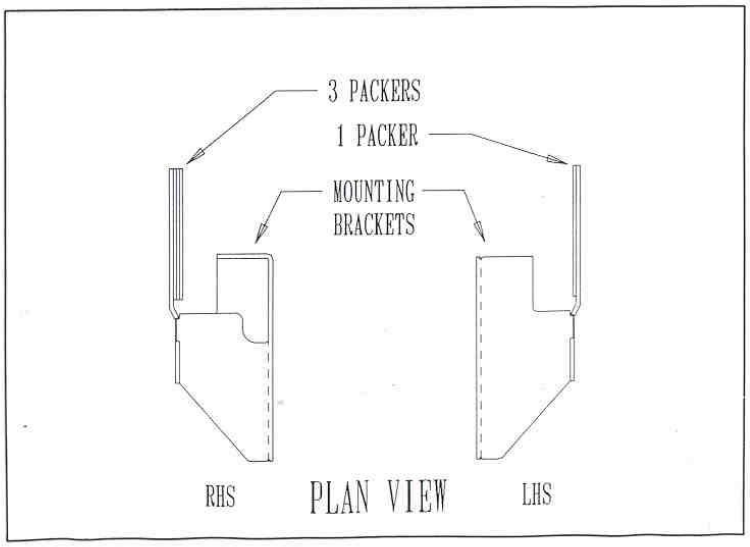
18. **Wire up control box cable to winch as per manual.**

19. **Remove bumper bar from vehicle.**

20. **Remove all bumper brackets and passenger side vehicle tie down componentry.**

21. **Hold bull bar chassis brackets against vehicle chassis mounting points to where brackets are bolted and mark out on plastic shirt where the chassis brackets touch. With a Stanley knife, cut out this section so the chassis brackets have full contact to vehicle's crossmember section, ie no plastic to be jammed in between the crossmember and chassis brackets.**

Note: Quite often there is an offset in the vehicle and it is necessary to use 4 x 3mm packers, part no. 5846246, to centralise bull bar to vehicle.
A method to achieve this is to fill 3 x 3mm packers between chassis and mounting bracket on right hand side and 1 x 3mm packer on left hand side. Refer to diagram below.



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22. **Fit driver side and passenger side chassis brackets to vehicle's front section using 3/8" x 1" bolts to locate brackets to existing bumper bar bracket holes.**

23. **By utilising large cutouts in vehicle's front crossmember section fit captive nut washer plate inside, behind the chassis brackets and bolt up using 1 1/2" x 1/2" bolts etc, finger tighten only. When all other bolts etc. are fitted, tighten firmly.**

24. **Fit indicators to bar using hardware supplied.**

25. **Fit registration plate to bar using 6mm hardware supplied.**

26. **Lift bar into position between chassis brackets on vehicle and bolt up using 30mm x 12mm x 1.25 bolts etc..**

27. **When all bolts are in, check bar is level on vehicle and tighten all bolts firmly.**

28. **Scotch lok indicator wiring loom to vehicle indicator wiring loom.**

READ WINCH MANUAL CAREFULLY BEFORE OPERATING WINCH.