

ARB WINCH / NON-WINCH SAHARA BAR TO SUIT TOYOTA HJ100 6 CYL.

PRODUCT No.

3913150 5100050 Top Tube Kit 5100160 Buffer Kit – With hole (require

5100160 Buffer Kit – With hole (required when fitting Top Tube) 5100170 Buffer Kit – With no hole

FITTING KIT No: 6172352

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.
- 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.

OPTIONAL LIGHT SETS TO SUIT THIS PRODUCT:

- ARB 6821201 Fog Light Kit Suit 3163015

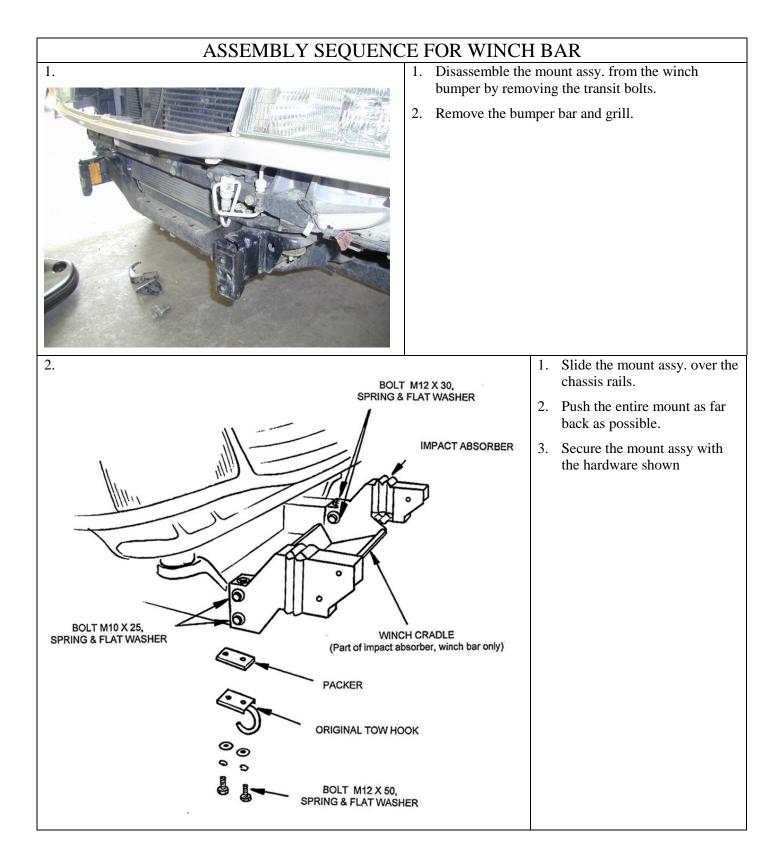
- Up to IPF 900 SERIES FOG OR DRIVING LIGHT SETS

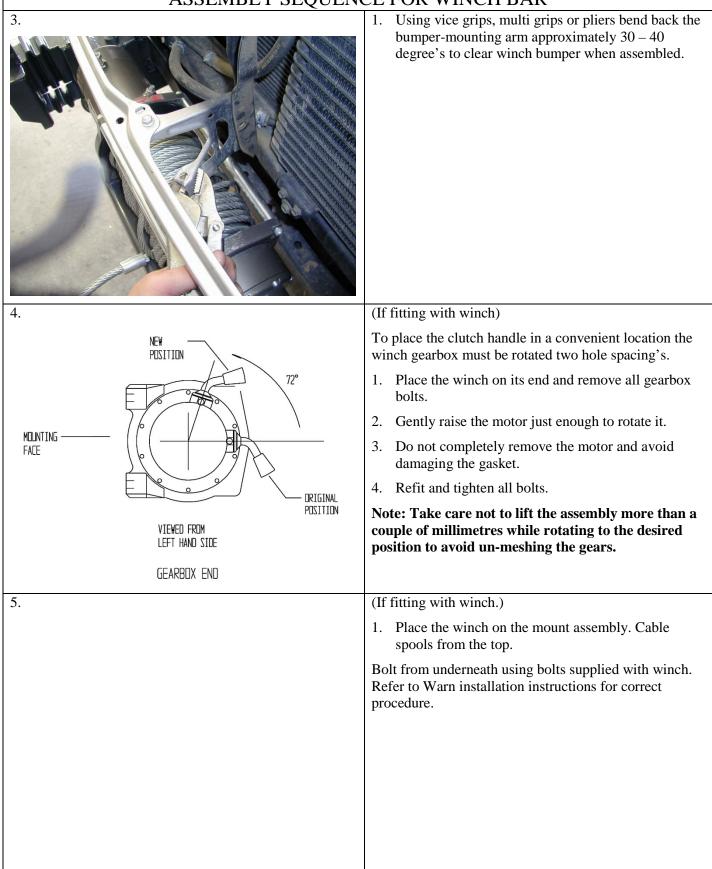
Tools Required

10mm, 18mm, 19mm, 21mm Spanners and Sockets. Phillips head screwdriver, Cordless Drill with phillips head tip (Optional).

USE	PART No	QTY	DESCRIPTION
TOP & INSIDE OF MOUNT	3751824	1	MOUNT ASSEMBLY
ASSEMBLY TO CHASSIS	6151094	4	M12 X 30mm BOLT
	4581049	4	M12 FLAT WASHER
	4581050	4	M12 SPRING WASHER
	50.44000		
	5846222	2	PACKER
ASSEMBLY TO CHASSIS	6151097	4	M12 X 50mm BOLT
	4581049	4	M12 FLAT WASHER
	4581050	4	M12 SPRING WASHER
OUTSIDE OF MOUNT	6151087	4	M10 X 25mm BOLT
ASSEMBLY TO CHASSIS	4581048	4	M10 SPRING WASHER
	4581041	4	M10 FLAT WASHER
RUBBER EXTRUSION FITMENT	6821116	14	SQUARE PLASTIC PLUG
	6151176	14	SCREW SELF TAPPING 12mm 8G
	6191002	2	EXTRUSION
	3193616	2	MOUNT STRIPS
WINCH BUMPER TO MOUNT ASSY	6151255	6	BOLT M12 X 40mm
	4581050	6	WASHER SPRING M12
	4581007	6	WASHER FLAT M12 LARGE
		I	
WINCH	4581041	4	M10 FLAT WASHER
BUFFER FITMENT	6151128	12	NUT FLANGE M6
(5100160 Required if fitting	3162153	1	BUFFER LHS
Top Tube)	3162154	1	BUFFER RHS
	•		
BUFFER FITMENT	6151128	12	NUT FLANGE M6
(5100170 Required if not fitting	3162471L	1	BUFFER LHS
Top Tube)	3162471R	1	BUFFER RHS
		1	1
BUFFER LOWER FITMENT	6151128	5	NUT FLANGE M6
	3162155	1	BUFFER LOWER
TOP TUBE FITMENT	6151255	2	BOLT M12 X 40mm
(5100050)	4581049	2	WASHER FLAT M12
(3100030)	4581049	2	WASHER FLAT MT2 WASHER SPRING M12
	6131516	<u> </u>	TOP TUBE
	0131310		

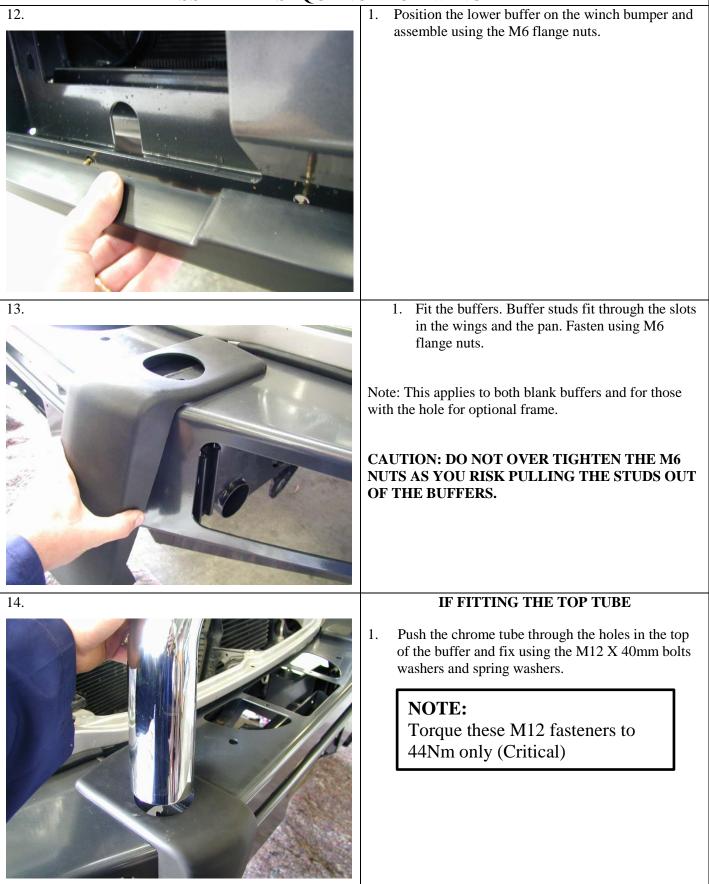
USE	PART No	QTY	DESCRIPTION
CONTROL BOX FITMENT	3751809	1	CONTROL BOX BRACKET
	6151017	2	BOLT M6 X 16MM
	6151128	4	NUT FLANGE M6
ROLLER FAIRLEAD FITMENT	6151255	2	BOLT M12 X 40mm
	4581050	2	WASHER SPRING M12
	4581049	4	WASHER FLAT M12
	6151189	2	NUT M12
WINCH COVER FITMENT	6151128	2	NUT FLANGE M6
	6151256	2	SCREW M6 S/STEEL BUTTON HEAD
	6191001	1	WINCH COVER EXTRUSION
	6521031	1	WINCH COVER
	4581304	2	WASHER FLAT M6 S/S
NUMBER PLATE FITMENT	6151017	2	BOLT M6 X 16mm
	6151128	2	NUT FLANGE M6
	6781408	1	TAPE DOUBLE SIDED
LIGHT HOUSING	3163015	1	KIT SURROUND FOR FOG AND INDICATOR LIGH
	6821151L	1	TURN SIGNAL / CLEARANCE LIGHT
	6821151R	1	TURN SIGNAL / CLEARANCE LIGHT
CB & HEADLIGHT WASHER	3162152	2	PLASTIC PLUG DIA 16
	3162159	2	PLASTIC PLUG DIA 22
	(001150	2	
WIRING	6821152	2	TURN SIGNAL / CLEARANCE LIGHT LOOM
	180701	6	SCOTCH LOCK
	180302	10	CABLE TIE



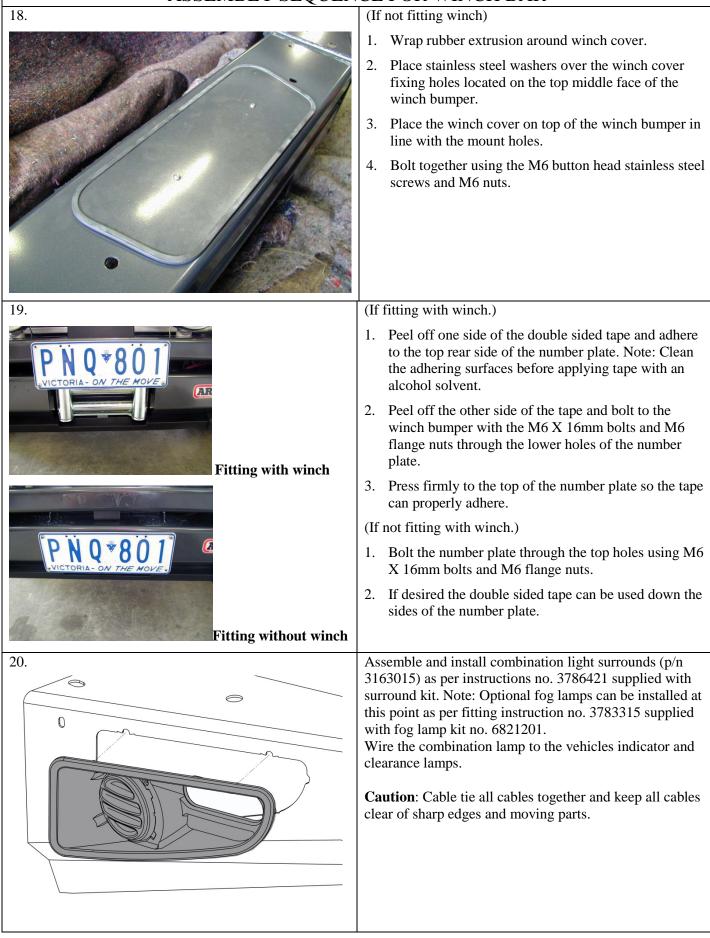


ASSEMBLY SEQUENCE FOR WINCH BAR				
6.	1. The rubber extrusion contains a support section to assist in the moulding. Remove this section by tearing at one end. Discard this section.			
	2. Insert the square plastic plugs into the square holes on the top face of the wing.			
	 Insert the mount strips inside the channel section of the rubber extrusion. Make sure the flap section is on the outer side. Allow generous even amounts of excess at either end of the strip so that it can be trimmed later. 			
	 Using a philips head screw driver or cordless drill with a philips head tip fix the extrusions to the top of the wings using the self-taper screws. 			





ASSEMBLY SEQUENCE FOR WINCH BAR			
15.	(If fitting with winch)		
	 Assemble the control box bracket to the control box using M6 flange nuts. Mount the control box to the bar using M6 X 16 bolts and M6 flange nuts. 		
16.	(If fitting with winch)		
	 Bolt the roller fair lead to the winch bumper using the M12 X 40mm bolts, washers, spring washers and nuts. 		
17.	(If fitting with winch)		
	 Feed the winch cable through the roller fair lead. Mount the hook to the end of the cable. 		





 If fitted, headlight washers can be mounted through the Dia 22 holes on the top face of the wing. Assemble using the existing mount clips. Two plugs are provided to cover the holes if there are no headlight washers on the vehicle.

Place the ARB logo on the front face of the bar in the indentation.

Trim rubber extrusion at end of wing using a sharp knife. Cut on an angle to match the angle of wing and wheel arch.

22.

(If fitting with winch)

Connect the winch control box cables to the winch motor. Refer to the Warn handbook for additional information. Connect the long winch + & - cables to the vehicle after the bar is installed. **Refer to the Warn winch manual for vehicle wiring instructions.**

Note: If fitting 10,000lb winch, cable kit 6171397 is required. Use the longer leads to replace ones on control box.

Ensure that these cables are installed well clear of sharp, hot or moving objects. Secure the winch cables to the vehicle and winch bumper with the supplied cable ties.

23.

Wire the clearance / turn signal lights to the vehicle wiring.

24.

Trim the extrusion between the winch bumper and vehicle using a sharp knife flush with the end of the wing.