



HINO

Australia

GA32002004
(B3HN6341SY)



Fitting Guide

HINO 300 WIDE CAB
6/20 ON

Tubular Fleet Bullbar
VEHICLE FRONTAL PROTECTION SYSTEM (VFPS)
FOR AIR BAG & ADR COMPLIANT VEHICLES

Index

Pages 2-3

Index and Notes

Pages 4-5

Stage 1	Vehicle Preparation
Stage 2	Bumper Removal
Stage 3	Sonar Lens Removal
Stage 4	Sonar Lens Installation
Stage 5	Tow Hook Removal and Reinstallation
Stage 6	Mounting Bracket Installation

Pages 6-7

Stage 7	Light Harness Installation
Stage 8	Light Infill Installation
Stage 9	Bullbar Installation
Stage 10	Bullbar Tilt Check and Retaining Bolt Installation
Stage 11	Plastic Under Guard Installation
Stage 12	Electrical Checks and Tilt Sticker Installation

Pages 8-9

Supplied Product Assemblies
Fitting Kit
Torque Guide

Pages 10-11

Finished Product

NOTE: These instructions are to be used as a guide for installation of this component to the specified HINO model. Please ensure you check the component is applicability before installation. This work should be done by a qualified installer/technician and all care must be taken to ensure all steps are completed. Failure to do so may risk conformity to HINO component warranty and/or compliance. If you have any issues or concerns with this installation please contact 1300 01 HINO.

Model Code Check

- This product is designed to be installed on the following model codes.
- Please ensure the vehicle you are working on is listed below.
- If not please contact your parts manager before you proceed

No	Model description	Model code
616 / 617	Wide Cab	XZU700 / 710 / 720
616 / 617	Wide Cab - Trade / Steel Ace	XZU720
716 / 717	Wide Cab	XZU710 / 720
716 / 717	Wide Cab - Trade / Steel Ace	XZU730
816	Wide Cab	XZU710 / 720
816	Wide Crew Cab	XZU730
916 / 917	Wide Cab	XZU710 / 720 / 730

GA32002004

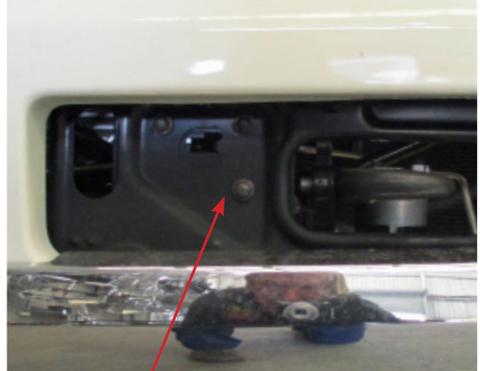
Stage 1

- Park the vehicle on level ground and apply the park brake.
- Check installation hardware and read fitting instructions before commencing.
- Ensure all equipment in cabin is correctly secured or in a position so cab can be tilted.
- Remove steel mount from bullbar. Retain fasteners for refitment.



Stage 2

- Remove three (3) 10mm head bolts (per side) from bumper openings.
- Remove bumper.



Stage 3

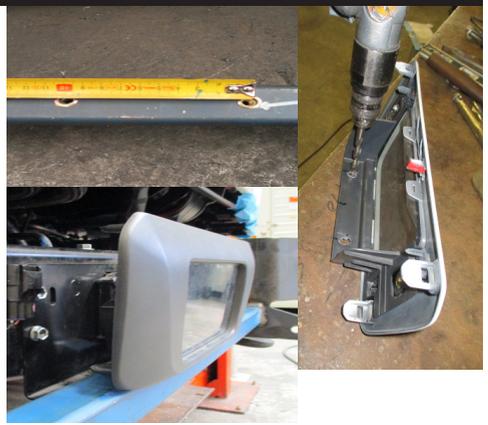
- Remove sonar lense from bumper cover, four (4) white clips.



HINO 300 WIDE CAB

Stage 4

- Measure between the nutserts on steel mounting bracket.
- On Sonar lens find lens lower flange. Measure nutsert distance evenly from centre and 15mm from rear of flange. Double check on steel mounting bracket to ensure correct distance between hole markings.
- Drill two 8mm holes in lower flange to fit onto nutserts.
- Relocate lens onto steel mounting bracket using two (2) M6 x 25mm black screws, spring washers and flat washers. Finger tighten only.



Stage 5

- Remove tow hook from passengers side, two (2) 19mm head bolts.
- Install tow hook to steel mounting bracket with M14 x 1.5 x 70 bolts, flat washers and nyloc nuts.



Stage 6

- Install steel mounting brackets onto chassis rails using six (6) M8 x 1.25 x 35mm bolts, spring washers, flat washers and triangular washer plate into front holes.
- Fit two (2) M14 x 1.5 x 60mm bolts, flat washers spring washers and square flat washer in passenger side.
- Fit one(1) M14 x 1.5 x 40 bolt to front hole, spring washer and flat washer and one(1) M14 x 1.5 x 30 bolt and flat washer with thread lock compound applied to drivers side of mount.
- Once all bolts are fitted, align mount vertically on the front of the mount and horizontally to the vehicle. **Tighten all bolts.**



GA32002004

Stage 7

- Disconnect indicator and parking lights on the vehicle. Remove indicator fitting from light and remove bulb. Refit light fitting without bulb.
- Connect indicator to wiring harness.

NOTE: Indicator in vehicle is not reconnected.

- Connect parking light harness to wiring harness and other side back to the light connection.

Stage 8

- Remove one (1) 10mm head bolt from lower outer corner of headlight. 
- Using removed 10mm head bolt, install under headlight infill to lower section of headlight.
- Wrap headlight infill panel around headlight and secure to hole in headlight using 3/16 x 3/4 PK screw and nyloc nut through the headlight aim access hole.
- Using last hole in infill, drill 5mm hole into lower plastic section of headlight. Use 3/16 x 3/4 screw and nyloc to secure. 



Stage 9

- Place the Bullbar onto the chassis mounts and install the M14 x 70 hinge bolts, flat washers and nyloc nuts. Fasten until light pressure only is applied on the alloy mount plates.

CAUTION: Do not over tighten the hinge bolts. Overtightening will damage bullbar and could cause it to become offset to the vehicle.



HINO 300 WIDE CAB

Stage 10

- Tilt cabin to ensure cabin locks into position and does not hit bullbar.
- Connect wiring to park/indicator. Zip tie wiring harness to the original on the underside of the headlight. Ensure wiring is not tight when bullbar is tilted.
- Return cabin to locked position.



- Carefully lift bullbar and check positioning of sonar guard. Adjust if required.
- Fit locking bolts, flat steel washer and nylon washer to bullbar recessed areas. Tighten firmly using wheel nut wrench from tool kit of vehicle.

WARNING: Do not over tighten bolt.

Stage 11

- Refit original plastic under guard to rear of steel mount using three (3) M8 x 35 bolt, flat washers and nyloc nuts in front and original bolts in rear.



Stage 12

- Check all electrical equipment for correct operation.
- Place cab tilt sticker onto vehicle near cab lock down handle.

NOTE: Two (2) M5 x 12 screws and nyloc nuts have been included for installation of the number plate. Please ensure they are attached to the number plate bracket on the bullbar should number plate not be installed.

Supplied Product Assemblies

Fig.1 - 1x Bullbar assembly

Fig.2 - 1x Steel mounting brackets (Fitted to Bar)

Fig.3 - 1x Pair headlight infill



Figure 1 - Bullbar assembly

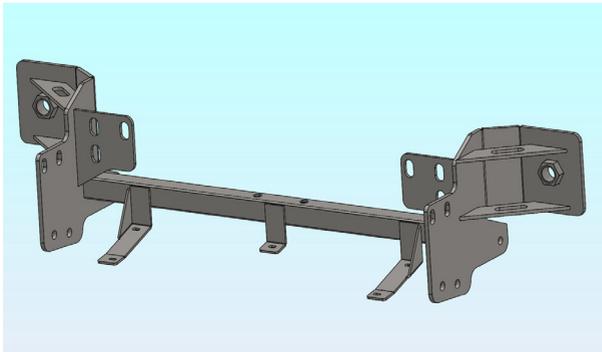


Figure 2 - Steel mounting brackets (fitted to bar)

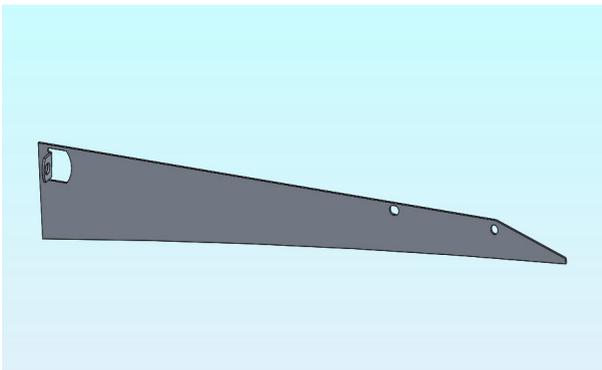


Figure 3 - Headlight Infill

Fitting Kit

Pre-fitted bolts and Parts

1 - Steel mounting bracket	4 - M6 x 25mm black combo screws
1 - Sonar guard	4 - M6 flat washers
2 - M27 x 70mm hex bolts (used in eye bolt holes)	4 - M6 nyloc nuts
2 - M27 Flat washers (used in eye bolt holes)	1 - Hino Lettering
2 - M27 Nylon washers (used in eye bolt holes)	8 - 4mm Starlock fasteners (to attach lettering)
2 - M14 x 1.5 x 70mm hex bolts (used for hinge bolt)	2 - Incandescent park / indicator
2 - M14 x 1.5 Nyloc nuts (used for hinge bolt)	4 - 3/16 X 3/4 stainless PK screws
4 - M14 flat washers (used for hinge bolt)	4 - 10-24 stainless nyloc nuts

Fitting Kit

1 - Pair under light infill panel	3 - M8 nyloc nuts
2 - 3 hole triangular washer plates	2 - M6 x 25 black combo screw
2 - 40 x 40 x 4 (15mm hole) Square flat washer	2 - M6 spring washers
2 - M14 x 1.5 x 70mm bolts (Grade 10.9)	2 - M6 flat washers
2 - M14 x 1.5 x 60mm bolts	2 - M5 x 12 stainless PK screws
1 - M14 x 1.5 x 40mm bolt	2 - M5 stainless nyloc nuts
1 - M14 x 1.5 x 30mm bolt	4 - 3/16 X 3/4 stainless PK screws
11 - M14 flat washers	4 - 10-24 stainless nyloc nuts
4 - M14 spring washers	6 - 300mm zip ties
6 - M14 x 1.5 Nyloc nuts (2 nuts to replace hinge nuts)	2 - Quick Click harness (IC20HI300IPH)
9 - M8 x 35mm bolts	1 - Tilt sticker
12 - 5/16 x 1 x 16 flat washers	1 - tube medium thread lock
6 - M8 spring washers	

Torque Guide

Diameter	Thread Pitch	Recommended Assembly Setting	
M8	1.25mm	22Nm	16.3lbft
M12	1.75mm	76Nm	57lbft
M14 ¹	1.5mm	122Nm ¹	90lbft ¹
M27	3mm	Hand tightened firmly only as overtightening will damage nylon washer	

Notes:

- M14 x 70 bolts used to secure bullbar to steel mount require to be tightened only to touch the alloy mount firmly. Overtightening of this bolt will result in damage to the bullbar and possible inability to align bullbar correctly to vehicle.
- M27 bolts are used as securing bolts for the bullbar. This allows the bullbar to be release from the vehicle using the wheel spanner of the vehicle. Overtightening of this bolt will damage the nylon washer causing possible vibration rattles to develop.

Finished Product



This Page has intentionally been left blank

REPLACES: 22.07.20

REVISED: 10.11.20