

Nissan

Description – Winch Cradle
Model – GU Patrol
Part Number – GUWC-0612

Tools Required – Blade Screwdriver
Phillips Head Screwdriver
Angle grinder or Hacksaw
Side Cutters
Square nose Pliers
10mm Spanner
17mm & 19mm Socket, Extension bars and Ratchet.
Flat File

Kit Content -

Winch Cradle	x 1	12mm Flat Washer	x 2
M12*1.25 Bolt	x 2	12mm Spring Washer	x 2

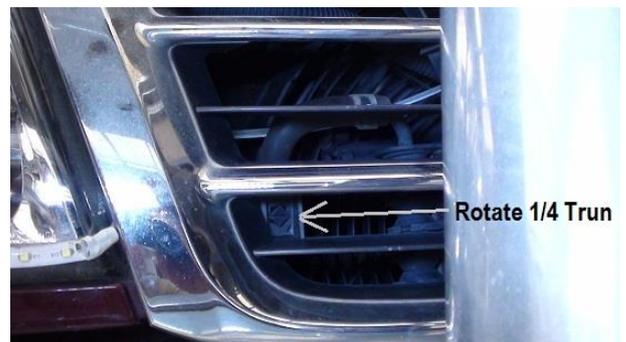
Open the bonnet and remove the grille From the vehicle.

To remove the grille first remove the four clips holding the top of the grille by levering the centre up with a screwdriver then removing the clips by hand.

Using the same screwdriver release the clips in the lower L/H and R/H corners of the grill by turning $\frac{1}{4}$ of a turn

Release the centre clip behind the emblem by squeezing the tags together with a pair of pliers.

NOTE: If driving lights or antennas are fitted to the bullbar and wired through the grille ensure they are disconnected before removing the grille



From underneath the vehicle disconnect the wiring at the back of the indicators in the bullbar.



Remove the four screws holding the air guide to the bullbar.



Remove the bolts securing the bullbar brackets to the side of the chassis.

Note: If your vehicle is fitted with nuts in this location instead of bolts it will be necessary to remove the bullbar from the chassis brackets in order to remove the bullbar.



Remove the bolts securing the bullbar to the top of the chassis rails.

Carefully remove the bullbar from the vehicle.



Using an angle grinder, hacksaw or other aluminium cutting tool, remove the 3 middle ribs in the lower section of the bullbar.

Remove all burs using a file.



Mounting the winch
Warn XD9000/M8000

Remove the winch from the box and place on a flat surface with the mounting holes facing down.

Ensure the clutch handle is in the correct position for ease of operation as shown. If the handle requires rotating, undo and remove all capped head screws from gearbox end. Gently raise the gearbox just enough to rotate to correct position. **Do not completely remove the gearbox so as not to damage to the gasket.** Refit all capped head screws and tighten.

IMPORTANT!
WINCH CABLE SPOOLS FROM BOTTOM OF WINCH

Ensure the motor terminals are in the upward position as shown. If the motor requires rotating remove the two bolts securing the motor to the housing and rotate to the correct position. Refit the bolts. Take the earth lead and securing bolt supplied with the winch and secure the earth lead to the underside of the motor.



Using the four bolts, flat washers and spring washers supplied with the winch, secure the winch to the cradle

Ensure the wire rope is exiting through the opening in the front plate.



Using the nuts & bolts supplied with the winch, secure the fairlead to the cradle.

Note: Only tighten bolts finger tight at this point as the fairlead needs to be aligned with the bullbar at a later point.

Fit the recovery hook supplied with the winch to the end of the wire rope



Inspect the chassis rail to determine if you require the chassis nut kit. If your chassis rail does not have the hole indicated or the hole does not have a captive nut fitted then you will need to order the Chassis Nut Kit part number NUTKIT-0612 from <http://www.nissangupatrol.com/chassis-differences.html>



Take the cradle and winch assembly and sit it on the chassis rails. Secure the cradle at the front two mounting points with the bolts, spring washers and flat washers supplied. Refer image.

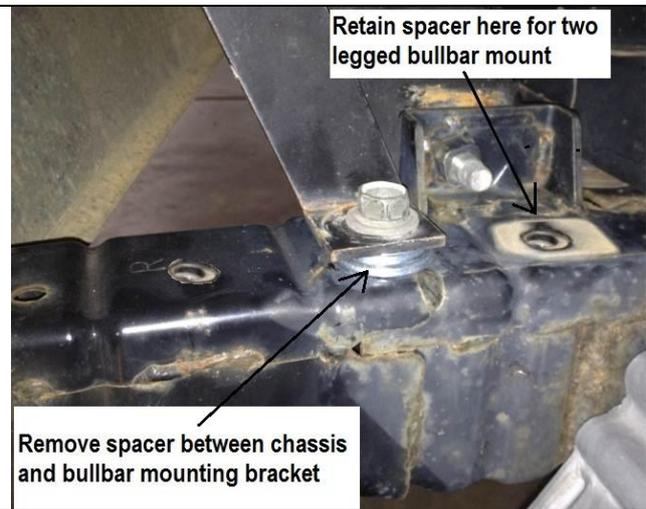


At This point you need to determine the location in which to mount the control box for the winch. There is no set location however some suggestions are behind the bulbar wing (as shown), top pan of bulbar or under bonnet. The location will depend totally on yourself and your requirements.



Note: Remove the spacer between the bullbar mounting bracket and the chassis rail in the location shown. This gap is taken up by the thickness of the winch cradle.

If the bullbar is fitted with a two legged mounting bracket retain the spacer in the rear most mounting hole as the cradle does not cover this mounting point.



Refit the bullbar to the vehicle and secure using the mounting bolts removed. Align bullbar to the body of the vehicle and tighten all mounting bolts. Also tighten the front cradle mounting bolts. Position the fairlead central to the opening in the bullbar and tighten the mounting bolts.



Reconnect the indicators in the bullbar and refit the grill.

Test winch for correct operation.



This winch cradle has not been certified for air bag compatibility and is for non air bag models only.