

INSTALLATION OF ROOF CONSOLE

MITSUBISHI TRITON DUAL CAB ML-MN 2006 – 02/15

PART NO: RCTR06

PLEASE NOTE: It is necessary to remove the vehicle's Digital Clock or Front Light/Sunglasses holder to allow for Roof Console installation. Put aside for re-installation upon removal of console.

Failure to connect coloured wiring correctly and tape up all connections as described in following instructions may result in an electrical short and void console warranty.

For this installation you will need a **short** Phillips screwdriver, **hand held long** Phillips screwdriver, a small flat blade screwdriver, marking pen, electrical insulation tape and 'Loctite'. **Use Loctite on all console screws when installing.**

GLX & GL-R Models also require a small electric drill and 'stubby' 3.5mm drill bit.

Vehicle preparation:

GLX Model: with clock: Remove clock assembly from roof of vehicle; to do this use a small flat blade screwdriver to carefully prise, unclip and remove screw cover located in rear of clock assembly, undo exposed screw and unclip pod from roof. Disconnect clock wiring loom and disconnect plug from body work of vehicle, tuck loom and plug up into void in roof.

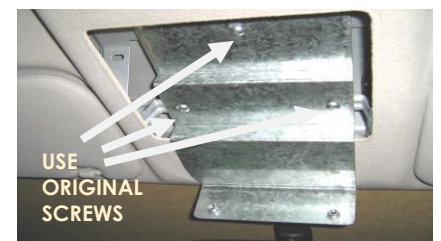
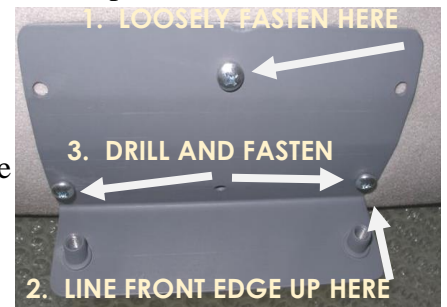
GLX-R & GLS Models: Remove front light/sunglasses holder from roof. Switch front light to 'off', use small flat blade screwdriver and remove light lens to expose two screws, open sunglasses holder to expose rear screw. Undo screws, unplug wiring, remove pod and tuck wiring and plug up into void in roof. Retain screws for fitting front bracket and put front light/sunglasses holder away in safe place for future re-installation. Switch centre interior light to 'off' position and remove (in same way as above) retaining screws for Rear Mount Plate installation. Put clock pod and interior light aside for refitting to vehicle upon removal of console.

Front Mount Bracket installation:

GLX Model: Using a **hand held** Phillips screw driver, **loosely** fasten **small** Front Mount Bracket to screw hole where clock housing was removed using a 10# x 20mm screw supplied (1). Line front of bracket up parallel with pressure marks in roof lining where clock was removed and now tighten screw (2). Insert 3.5mm 'stubby' drill bit into small electric drill **ensuring only 20mm of drill bit protrudes from drill chuck** and drill up through two front holes in bracket. First drill one hole and fasten then drill the other hole and fasten using 10# x 20mm screws supplied (3).

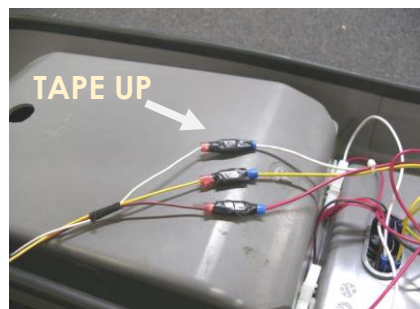
GLX-R & GLS Models: Place **large** Front Mount Bracket into cavity and using a **hand held** Phillips screw driver fasten to three vacant screw holes **using original screws** from front light/sunglasses holder. Only tighten screws up firmly – **do not over tighten.**

GLX & GL-R Models: no clock: Unclip sun visors and swing around towards doors. Unscrew both sun visor clips, then using original screws to hold drilling template onto roof lining. Mark roof lining through the 4 holes. Remove template, and **with 20mm max drill bit exposed from drill chuck**, drill 3.2mm holes through roof lining into roof rib. Mount front bracket using four (4) 10# x 20mm screws supplied. Return visor clips and screws to original position. *Four (4) decorative snap caps and collars are supplied to cover mount bracket holes upon removal of console.



Installation preparation:

Connect wiring extension supplied to console wiring loom; connect **red** to **red**, **white** to **white** and **yellow** to **yellow**. Tape up connections **individually**.



Comfortable work position:

Slide seats all way back, if right-handed, sit in passenger seat; if left handed sit in driver seat.

Wiring connection:

Stand console upright on front seat and plug console wiring extension into interior light plug of vehicle, plug pin on **white** wire of console into **front** socket of interior light plug, plug pin on **red** wire into **rear** socket of interior light plug; leave **yellow** earth wire hanging loose.



Rear Mount Plate installation:

Warning: Failure to use 10mm spacers and correct length screws supplied will result in dimples or holes in external roof skin!!

TIP: Sticky tape spacers to top of plate to hold in place while screwing through bottom of plate.

Using a **hand held** Phillips screwdriver and **10# x 20mm screws** provided, fasten Rear Mount Plate to interior light screw holes ensuring captive nuts are to **rear** of vehicle and pointing **down**. Attach **yellow** earth wire supplied over one of the screws first then place the 10mm plastic spacers **over screws between plate and roof rib** before affixing. Plug **yellow** wire on console into **yellow** earth wire. Close doors and check that console lights work independently once timer switches off, then tape up yellow wire to ensure it does not become disconnected.

There is an **'on/off'** switch located above radio opening. When **'off'** it acts as a kill switch-- no lights will work. When **'on'** lights will work independently as map/interior lights when doors are shut and timer switches off. When doors are opened lights will work as door/interior lights.

Console installation:

Use 'Blu-Tack' in fit kit to adhere one of the 6mm x 40mm Phillips round head bolts to **hand held** Phillips screwdriver, put a small amount of 'Loctite' on thread and store in convenient location, eg: on seat of vehicle or in/on centre console.

Hold console up over Front Mount Bracket so as mount bracket slides/fits in between front of console and rear of radio surround/storage tray. Push Console firm up against roof lining and using a **short** Phillips screwdriver fasten Console to captive nuts in Front Mount Bracket using the two 6mm x 16mm **black** round Phillips bolts supplied.

Hold console central to vehicle then look under and up into rear mounting hole; line up captive nuts in Rear Mount Plate with slotted fastening holes, tuck wiring out of way so as not to jam between console body and rear mount plate. Use the 6mm x 40mm Phillips round head bolt 'Blu-Tacked' to **hand held** Phillips head screwdriver and **loosely** fasten rear of console up to one of captive nuts in Rear Mount Plate. 'Blu-Tack' other 6mm x 40mm Phillips round head bolt to screw driver, apply 'Loctite', fasten into Rear Mount Plate and tighten rear bolts. **NOTE:** Only tighten rear bolts up firm so console is held to roof. **DO NOT** keep tightening so as to bend rear mount plate downwards. Do rear bolts up with equal tension.

Open Locker Box and remove Microphone Cable Holder and Rear Mounting Hole Cover from inside; fasten Hole Cover in place using screws supplied. Fasten Microphone Cable Holder and microphone in place as per radio installation instructions.

Fit Kit: RCTR06

- One (1) **Small** Front Mount Bracket – **GLX Model with roof clock**
- One (1) **Medium** Front mount Bracket- **No roof clock/map light models**
- One (1) **Large** Front Mount Bracket – **GXL-R & GLS Model**
- One (1) Drilling template (Required for no Clock Models only)
- One (1) Rear Mount Plate
- Six (6) 10# x 20mm Phillips self tapping screws (GLX-R & GLS models use 2 screws only)
- Two (2) 10mm plastic spacers
- Two (2) 6mm x 40mm Phillips round head bolts
- Two (2) 6mm x 16mm **black** Phillips round head bolts
- One (1) Wiring extension
- One (1) Yellow earth wire
- One (1) Piece of 'Blu-Tack'
- Three (3) Pieces of sticky back foam
- Four (4) Decorative snap caps and collars.

RADIO INSTALLATION

Radio Insert Installation for smaller size radios

Decorative side of insert faces outwards and snaps out over bottom of tray surround.

To install insert, squeeze top and bottom together; push/bend sides and squeeze into tray surround from inside to outside until bottom lip on decorative side of insert snaps/pops out over bottom of tray surround, prise with fingers to ensure bottom lip of insert is in place over radio tray surround as described. **Do not** scratch or mark insert or surround by prising/levering with tools; use hands/fingers only.



Radio Installation:

Place protective cover on work bench to avoid scratching console. Place console on protective cover and using a sharp knife cut a 30mm x 100mm section out of radio tray 25mm in from where rear of radio will be when installed. Use a small amount of methylated spirits on a clean cloth to clean exposed part of console and bottom rear of radio.



Peel one side of protective backing from foam strip supplied; apply pressure with palm of hand to adhere foam to exposed part of console body. (Sticky back foam will not adhere to radio tray)

Peel backing off other side of foam strip and add one or more strips of foam to suit different size radios (**see chart below**). This will keep radio level with bottom of insert/surround. Peel off top foam strip to adhere to radio body.



Mount Roof console as per vehicle specific instructions. Lay radio aerial cable and power wires out through radio tray/Insert opening. Connect radio cables and push radio in on an angle through insert until radio face protrudes approx. 15mm out over bottom of tray surround or insert. Use both thumbs to apply upwards pressure on radio, this will adhere radio body to sticky back foam.

TIP: smear a light kitchen oil around insert opening to help radio slide in.



Sticky back foam chart:

One (1) strip- standard DIN size radios

Two (2) strips- Icom and Uniden

Three (3) strips- GME Electrophone



Microphone handpiece and Microphone Cable Holder installation:

Install in a position that suits best, depending on vehicle and Radio model. Ensure microphone **or** microphone cable and holder does not foul on sun visor when pulled down.



Microphone clip on slight angle



Left hand cable outlet radios



Microphone clip on acute angle