

For this installation you will need 10mm & 13mm socket & ratchet, 3mm Hex key, 'Loctite' and side cutter pliers.

**Warning: Never at any time undo or loosen 8mm bolts and nyloc nuts that attach Barrier Top Straps to Top Mounting brackets - these are pre-set to correct torque so 'Nylon Grip Assembly' functions correctly.**

## Rear Position Installation:

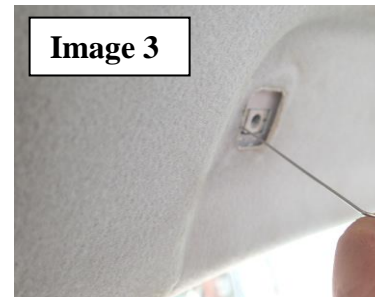
Unpack Barrier, place on bench and remove packaging from top bracket assemblies. Remove top bracket assemblies by undoing 'Red Dot' thumb bolts; note position of wave washers and nylon washers and place on Roller Drawers in rear of vehicle for installation.

Remove rear grab handles from vehicle. To do this, use a small thin screwdriver and prise off outer plastic cover to expose spring clips. **(Image 1)** Squeeze clips together using thin screwdriver and remove handles from roof. Squeeze spring clips together again to remove spring clip from vehicle body. **(Image 2)** Note: no screws hold grab handles to vehicle body.

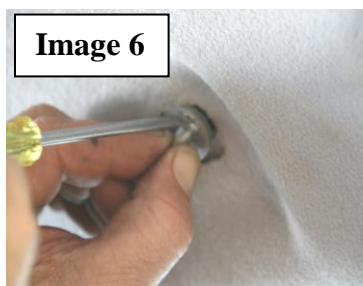
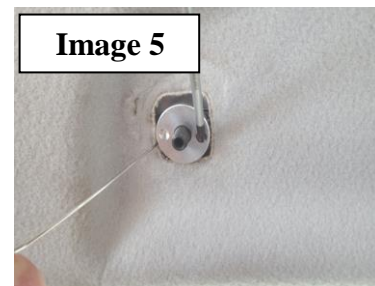


Use attached wire to hold and feed Backing plates supplied into grab handle slot. **(Image 3)**

Hold plate in position, so the raised centre section of Plate sits neatly into slot. Apply small amount of 'Loctite' to bottom half of 6mm Hex head Stud supplied and screw into Backing plate until tight, using M3 Hex Allen key. **(Image 4)**



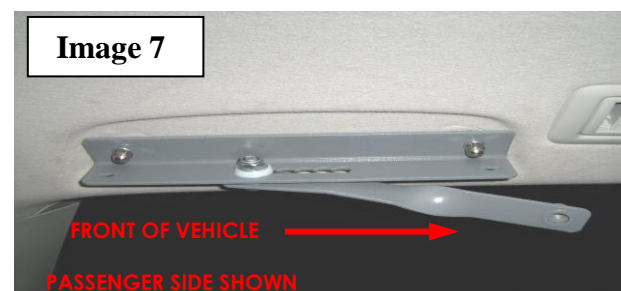
Wind threaded aluminium retainer washer onto Stud by hand. Tighten retainer washer with a small Phillips screwdriver or similar on the dimples until firm. Use side cutter pliers and cut wire flush to roof lining. **(Image 5)**



Slide all backing plates forward (to front of vehicle) so as to seat against front lip of Grab Handle slot. Now tighten aluminium retaining nuts as firm as possible.

**Leave no free play (Image 6)**

Attach top bracket assemblies to Threaded Studs using flat washers, spring washers and dome nuts supplied and do up tight. **(Image 7)**



Fold centre row seats up against front seats to expose Roller Drawer front panel. Using a 13mm socket and ratchet remove the top and second row of 8mm bolts, spring and flat washers and place on floor for Barrier installation. **Remove the bottom row of 8mm bolts, now insert and tighten bolts from the middle row (M8 x 20mm) into the bottom row, leaving six (6) M8x25mm bolts to hold barrier.**

**Loosen only** three ‘Red Dot’ thumb bolts on bottom of barrier, swing bottom mounting brackets down to vertical position and re-tighten thumb bolts. Remove packing tape and ‘Secondary Impact Brackets’ noting their orientation then place on vehicle floor for installation.

Pass Barrier through rear door and rest on floor with ‘Red Dot’ thumb bolts to **rear** of vehicle. From vacant seat area lift Barrier onto Roller Drawer floor, lift up slightly and loosely fasten through centre mounting bracket into top hole of drawer frame using an 8mm bolt, spring and flat washer previously removed. Loosely fasten two outside bottom brackets onto drawer frame with ‘Secondary Impact Brackets’ in place as in pre assembly. Remove bolt from centre bracket- fasten ‘Secondary Impact Bracket’ in place as in pre assembly. Now tighten all six bolts.



From rear of vehicle pull Barrier back and attach top straps using red dot thumb bolts with wave washer under thumb bolt, and nylon washer between strap and barrier bracket. **Note:** Bottom mount brackets will move away from secondary impact brackets (this is normal - secondary brackets remain straight).

#### **Rear Position Fitting Kit**

- 4 Backing plates (with wire insert)
- 4 6mm threaded Hex studs
- 4 Aluminium retainer nuts
- 4 6mm flat washers
- 4 6mm spring washers
- 4 6mm dome nuts

#### **Forward Position Installation:**

Remove Barrier from rear position by undoing the five ‘Red Dot’ thumb bolts, retain Barrier and thumb bolts for forward installation. Undo dome nuts and remove rear top mount bracket assemblies from grab handle position.

**!!Do not remove studs and retainer nuts from rear position!!    !! Do not undo ‘nylon grip assemblies’!!**

Remove three barrier bottom bracket assemblies from Roller Drawer unit and put aside for future rear re-installation. Retain bolts and washers for extension arms.

Remove mid vehicle grab handles. Refer to grab handle removal on page 1. Attach top bracket assemblies to grab handle slots using backing plates, 6mm threaded studs, aluminium retaining nuts, flat washers, spring washers and dome nuts supplied (as per Rear Position Installation on page 1).

Install floor extension and support frame as per floor extension instructions. Bolt the three forward bottom mounting brackets (nut inserts facing to front) through holes in floor extension piece into nut inserts in framework underneath using six (6) 8mm x 40mm bolts, spring and flat washers supplied. Place Barrier into forward position and attach first to bottom mounting brackets using three ‘Red Dot’ thumb bolts then to top mounting brackets using two ‘Red Dot’ thumb bolts. Ensure wave washers are underneath thumb bolts and plastic washers are between Barrier and straps.



#### **Forward Position Fitting Kit**

- 4 Backing plates (with wire insert)
- 4 6mm threaded Hex studs
- 4 Aluminium retainer nuts
- 4 6mm flat washers
- 4 6mm spring washers
- 4 6mm dome nuts
- 2 Forward top bracket assemblies
- 3 Forward bottom mounting brackets
- 6 8mm x 40mm hex bolts
- 6 8mm flat washers
- 6 8mm spring washers