

INFINITI Retailer Bulletin

Repair Procedure For Q30/QX30 (H15) - Seat belt anchor bolt

MODEL:	Q30/QX30 (H15)		
CAMPAIGN PFP:	PG8B8		
CAMPAIGN NUMBER:	PCB-IEU-18-004		
CAMPAIGN TYPE:	Recall		
LAUNCH DATE:	5/30/2018		
MARKET ACTION:	Authority Notification & Owners Letter		
PRODUCTION PERIOD:	H15	NMUK	11/10/2017 to 2/16/2018

INTRODUCTION

During an AVES inspection, the bolt for the right-hand side lower seat belt anchorage was found to be protruding from the lower trim and determined to be cross-threaded. As a result of this condition, the lower seat belt anchorage could detach during an impact, may not properly restrain the occupant in the event of a crash, and may not comply with Federal Safety Standards.

INFINITI RETAILER RESPONSIBILITY

The INFINITI Retailer shall identify all outstanding vehicles using Service Comm or DBS National Service History – Open Campaign I.D. PG8B8 and perform the repair according to the procedure provided within this bulletin.

Retailer Requirements

• Verify if vehicles are affected by this voluntary safety recall using Service Comm or DBS National Service History – Open Campaign I.D. PG8B8

New vehicles in dealer inventory can also be identified using DBS (Sales-> Vehicle Inventory, and filter by Open Campaign).

- Ensure all outstanding recall and service campaigns (excluding warranty extensions) are completed on a vehicle's first visit to the INFINITI Retailer.
- Rectify any vehicles identified as outstanding that are in inventory stock.
- This campaign includes vehicles purchased from private parties or presented by transient (tourist) owners.

IMPORTANT INFORMATION

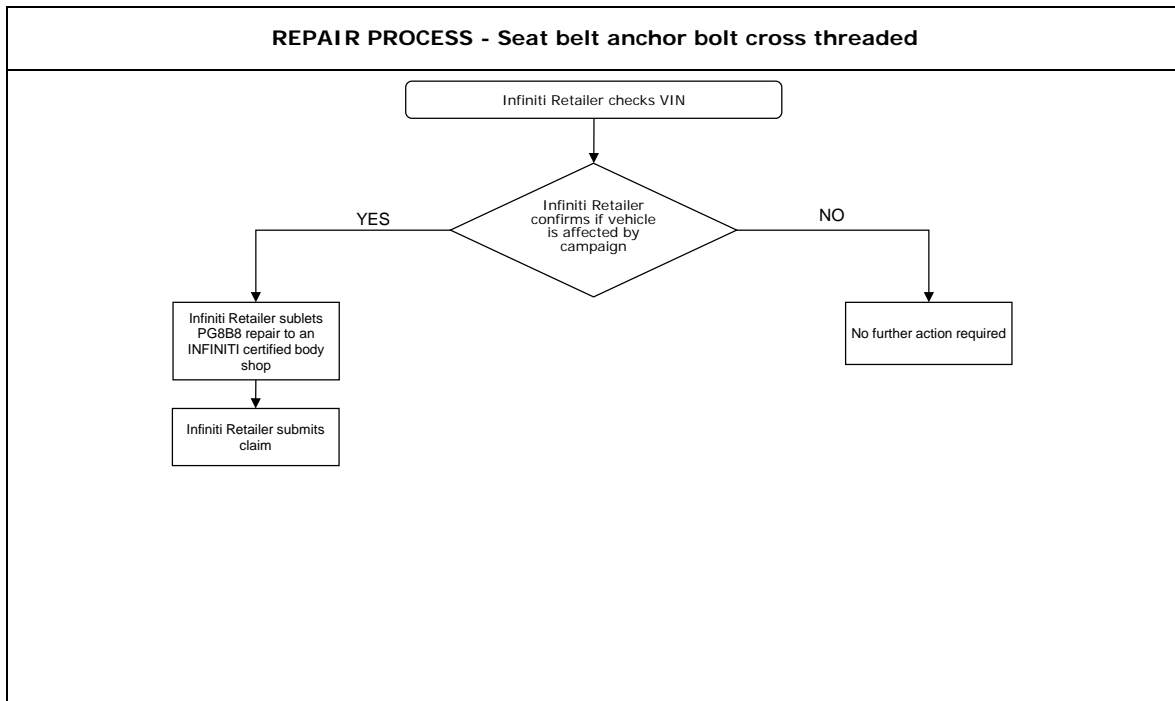
Ensure that adequate personal protection is used during the repair activities.

No special tooling is required for this repair operation

This procedure is relevant to left hand drive and right hand drive vehicles, in this case only right hand side anchor fixings are affected.

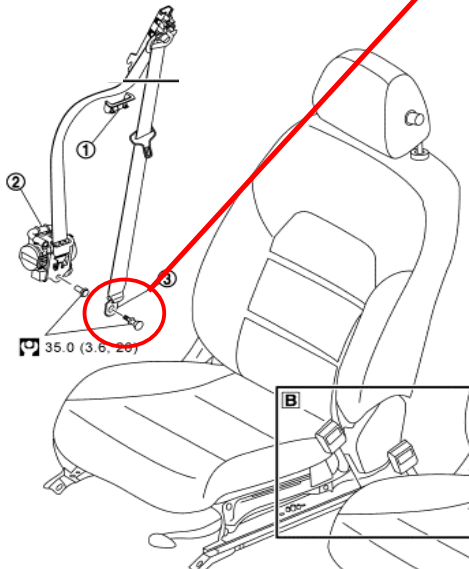
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REPAIR PROCESS



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OVERVIEW OF AFFECTED AREA



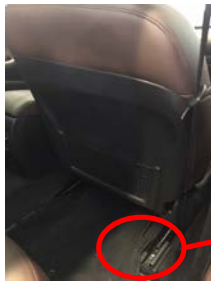
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REPAIR PROCEDURE

- 1 Remove Battery ground strap

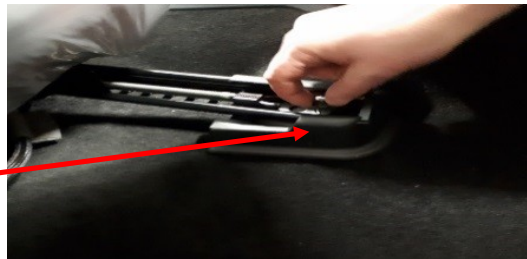


- 2 Move RHF Seat to a position where rear bolts can be accessed and remove x2 bolts

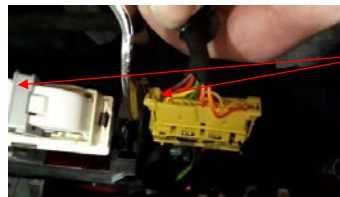


- 3 Move RHF seat to a position where front seat bolts can be accessed, remove covers and remove x2 bolts

Note: Gently pull cover forwards to release from seat



- 4 Tilt seat and disconnect electrical connections and unclip harness from seat base



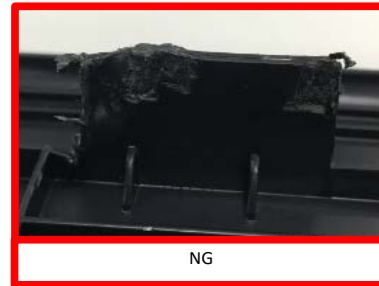
Release lock tabs to remove connectors

- 5 Remove front and rear kick plates using a suitable plastic trim tool under each clip position (3 front and 2 rear) as shown.



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- 6 Inspect the plastic trim tang on the underside of the kick plates. If the tang is broken or badly damaged please contact your local INFINITI Retailer for further guidance



- 7 Remove door welts



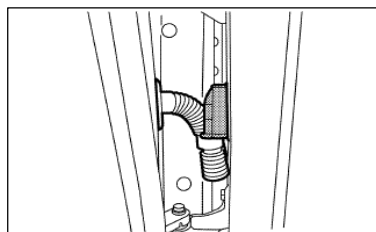
- 6 Remove lower seatbelt fixing



- 7 Remove both upper and lower "B" post trims

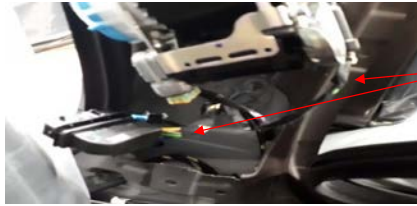


- 8 Disconnect rear door harness at "B" post



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- 9 Remove seat belt tensioner and disconnect harness connections from seatbelt and seat sensor.



Release orange lock tabs when disconnecting

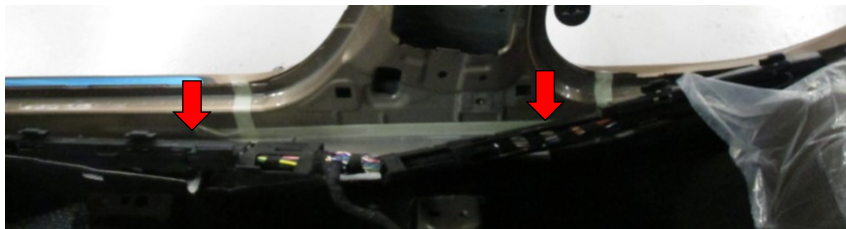
- 10 Remove "B" Post harness by unclipping at 4 points inside "B" Post and route harness through inner sill.
Note: Carefully pull harness through sill (avoid damage to harness and connections)



- 11 Remove all foam blocks from inner "B" Post

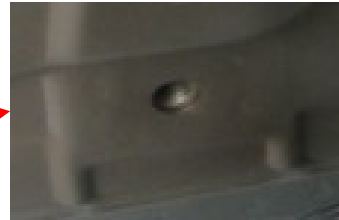


- 12 Unclip and release harness from both front and rear inner sills by unclipping from aperture flanges
Note: Ensure harness is well clear of sill to prevent heat damage during welding process



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13 Protect all surfaces not being welded with welding blankets or mats, cover all harnesses with foil to ensure no solder falls in.



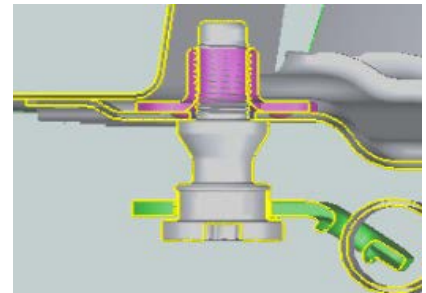
14 Using a spot weld drill bit, drill the 4 welds out of the captive nut plate and remove. Deburr the remaining holes in the "B" pillar
Note: Ensure ALL shavings and debris are removed from inside the "B" pillar



15 Clean the area using a wire wheel brush or similar in preparation for welding



New plate (back face shown)
 Bracket shown is bare metal - bracket supplied will be ED coated.



16 Using the seatbelt anchor bolt to centralise the captive nut plate, weld the new plate in place using MIG welding methods.
Note: Allow to cool before removing the bolt

4 weld areas



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- 17 Dress the area post welding, welds should not be prominent after dressing



- 18 Clean and degrease all exposed areas of metal including captive nut plate in preparation for priming.

- 19 Prepare area for painting by protecting area with suitable materials such as foil and masking tape.
Note: Protect the threads of the new captive nut plate from paint ingress



- 20 Prime all exposed metal parts including those which have been welded inside the "B" pillar
Note: A suitable anti corrosion primer should be used



- 21 Paint exposed parts and dry with a heat lamp



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- 22** To remove the bolt from the seat belt there are 3 small tabs located around the circumference of the bolt which need to be pressed in to release it.



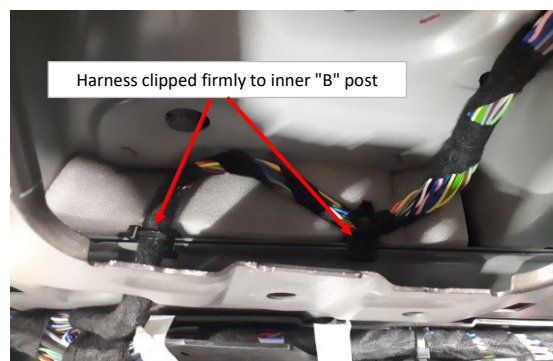
- 23** Clip main harness to front and rear sill, ensure all harness clips are securely clipped to front and rear door aperture flanges as this will ensure carpet, welts and kick plates can be fitted correctly



- 24** Fit foam block to inner "B" Post



- 25** Fit "B" Post harness and secure to inner "B" Post at the x4 clipping points
Note: Ensure correct fit of harness to prevent harness rattle when driving vehicle

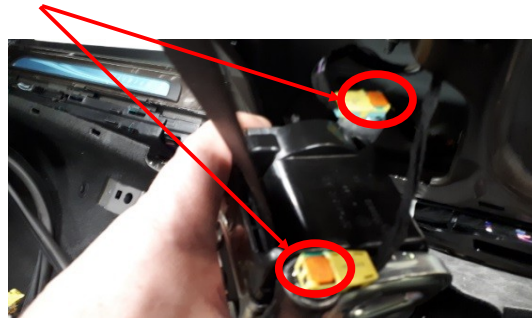


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- 26** Connect harness to seat sensor and rear door. Ensure rear door harness is secured into "B" Post. Make electrical connections to seat sensor and rear door listening for audible click to ensure connections are fully made.



- 27** Connect harness to seat belt, make x2 colour coded connections to seat belt tensioner and listen for audible click when orange lock tabs are pushed into place



- 28** Fit seat belt retainer to "B" post
 Note: if retainer is not seated properly on tangs bolt to secure, it will not torque correctly



- 29** Hand start bolt **5-6 turns** to prevent cross threading then torque to **26 ft lbs (35Nm)**

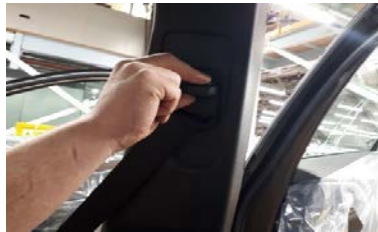


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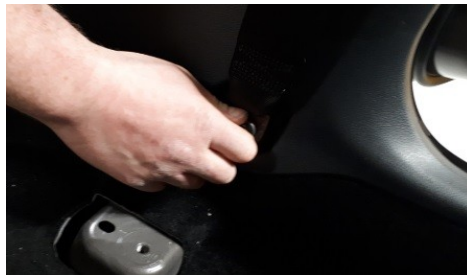
30 Fit lower "B" Post trim



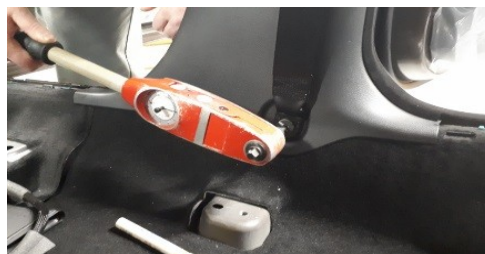
31 Fit upper "B" Post trim and confirm the height adjuster operation.



32 Hand start seat belt anchor fixing bolt **5-6 turns** to prevent cross threading

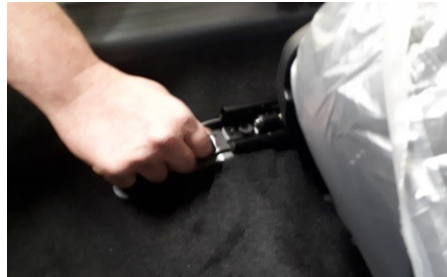


33 Torque anchor fixing bolt to **26 ft lbs (35Nm)**

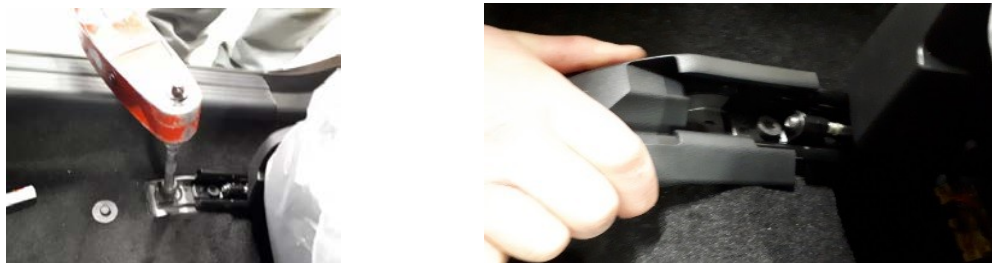


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34 Position seat and hand start x2 front seat bolts 5-6 turns



35 Torque seat bolts to **37 ft lbs (50Nm)** and fit front rail covers



36 Connect battery ground lead and torque to **12 ft lbs (16Nm)** to enable seat to be moved.

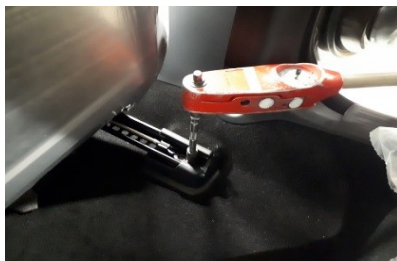


37 Position seat and hand start x2 rear seat bolts 5-6 turns



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38 Torque seat bolts to **37 ft lbs (50Nm)**



39 Conduct a visual check of complete interior and exterior areas of the vehicle where work has been carried out.

Recheck to ensure all shavings and debris have been removed and the car is ready for the customer.

40 Erase any DTC's which may have occurred during repair process