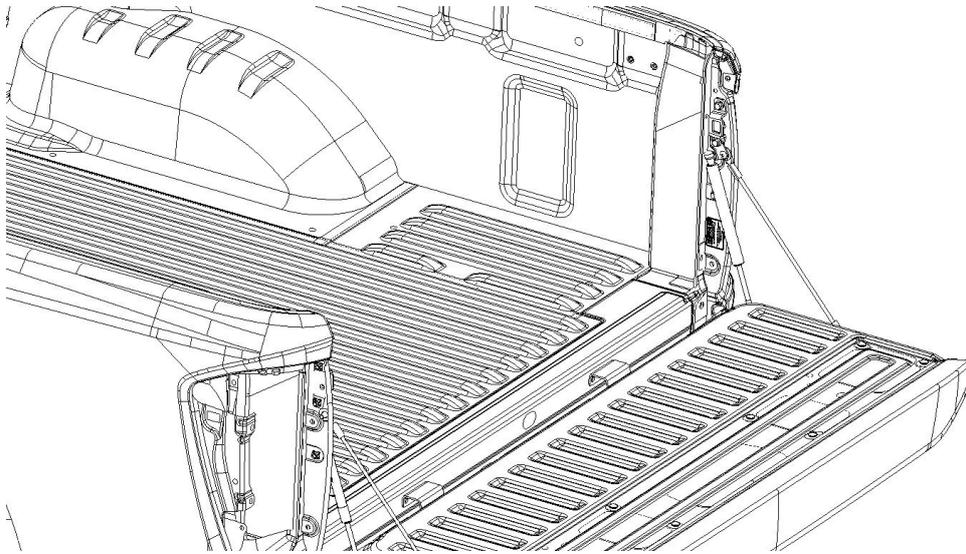




FITTING INSTRUCTIONS

4738010 NISSAN NP300 TAILGATE ASSIST



FITTING KIT: 6177024

IMPORTANT

- ◆ This product must be installed exactly as per these instructions using only the hardware supplied.
- ◆ Failure to follow instructions precisely may lead to failure of the product or result in injury.
- ◆ The installation of this product may require the use of specialized tools and/or techniques.
- ◆ During installation, it is the duty of the installer to check correct operation/clearances of all components.
- ◆ Work safely at all times.
- ◆ Specific installation can vary, so please read the following instructions as they refer to important information, which could affect the quality of the final installation.
- ◆ It is advisable to have these parts fitted by an authorised dealer.
- ◆ **Ensuring that the specified torques are used as contained in this fitting instruction is imperative, as failure may occur.**
- ◆ IF IN DOUBT CONTACT ARB FOR FURTHER INSTRUCTION.

HAVE AVAILABLE THESE SAFETY ITEMS WHEN FITTING PRODUCT:

Protective eyewear		Hearing protection		Gloves	
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NOTE: 'WARNING' notes in the fitting procedure relate to OHS situations, where to avoid a potentially hazardous situation it is suggested that protective safety gear be worn or a safe work procedure be employed. If these notes and warnings are not heeded, injury may result.

CARE INSTRUCTIONS:

In general, the Tailgate Assist system is maintenance free with no need for regular attention. However the following should be noted:-

- ◆ Gas tension springs are open systems. As such, avoid that dirt or other particles get into the tension spring through the ventilation hole in the cylinder end.
- ◆ When cleaning, use a non caustic soap and avoid aiming high pressure water jets into the seal area.
- ◆ If grinding noises come from the ball sockets, remove the ball sockets (being careful not to lose or damage the clip) and clean any grit from the ball socket and ball.
- ◆ Avoid excessive heat (greater than 80°C)
- ◆ DO NOT grip piston rod with pliers, vice or similar (avoid scratching, denting or bending the rod).
- ◆ Avoid paint overspray, weld or grinding splatter, or materials such as glue.
- ◆ Avoid cleaning products that leave a coating such as silicones.
- ◆ Avoid applying adhesive tape to the piston rod.

TOOL LIST FOR FITMENT:

<ul style="list-style-type: none"> • Torque Wrench • Socket driver • Screw driver set • Allan socket or key set • Drill with 8.5mm drill bit • Rust proofing paint • Felt tip marking pen (non permanent) 	<ul style="list-style-type: none"> • Basic tool kit
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FITTING IS UNDERTAKEN IN THE FOLLOWING STEPS:

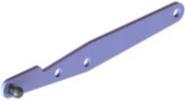
1. Fitting the kit RHS
2. Fitting the kit LHS

!! IMPORTANT !!
REQUIRED SCREW TORQUES: Refer to steps in fitting instruction

Screw torques must be adhered to. Over torqueing can cause failure of components.

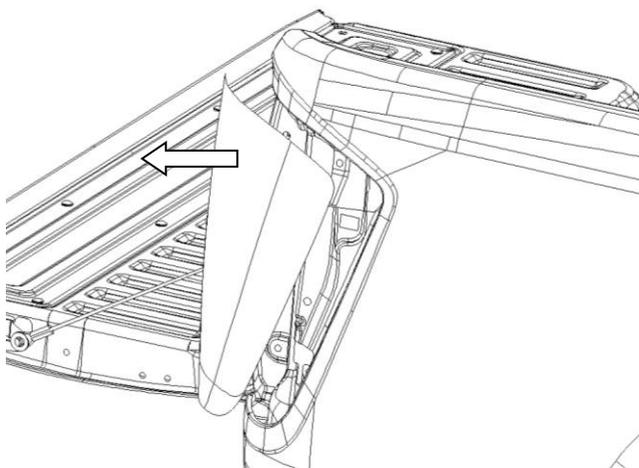
THE FITTING KIT CONTAINS:

1. 6177024	Part No	Picture	Qty	Description
	3750281R		1	UPPER BALL STUD MOUNT RH
	3750281L		1	UPPER BALL STUD MOUNT LH
	3195073R		1	LOWER BALL STUD MOUNT RH

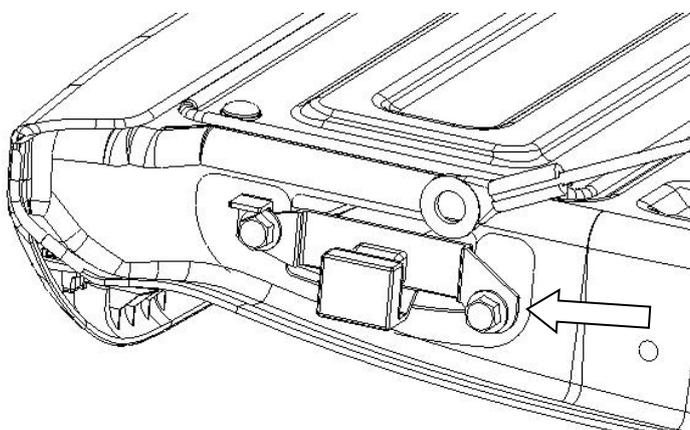
	3195073L		1	LOWER BALL STUD MOUNT LH
	3195069R		1	LOWER NUT PLATE ASSY RH
	3195069L		1	LOWER NUT PLATE ASSY LH
	4590023		1	LIFT SPRING STRUT
	4590026		1	DAMPENING STRUT
	4584328		2	M8 FLAT WASHER 1.2MM THICK
	6151548		2	M8 FLANGE NUT
	6151874		8	M8 BUTTON HEAD CAP SCREW
	5848478		2	SPACER CABLE TAILGATE 14MM
	2125702		1	WARNING LABEL
	3195070		1	DRILLING TEMPLATE

SECTION 1: REMOVE COMPONENTS ON RHS. ONE SIDE COMPLETED AT A TIME.

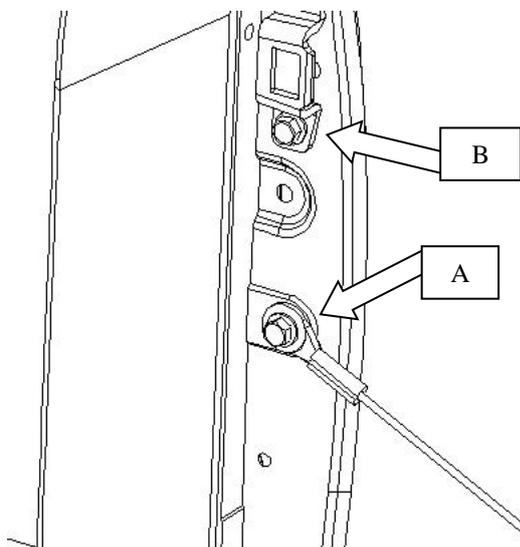
Section1: FITTING RHS ASSIST



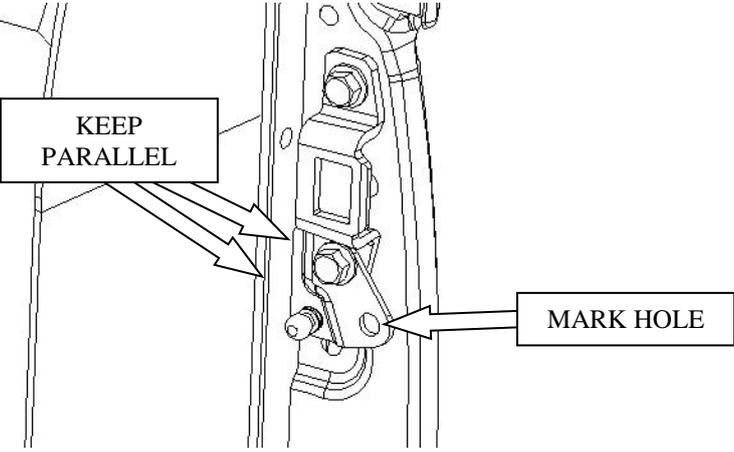
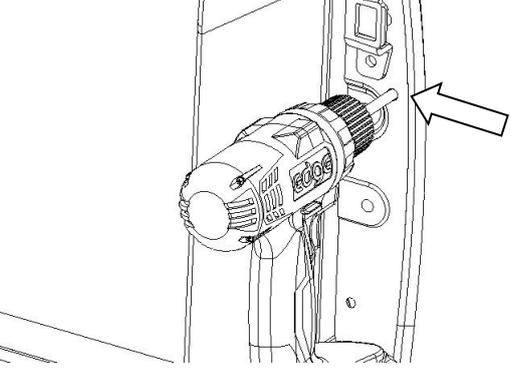
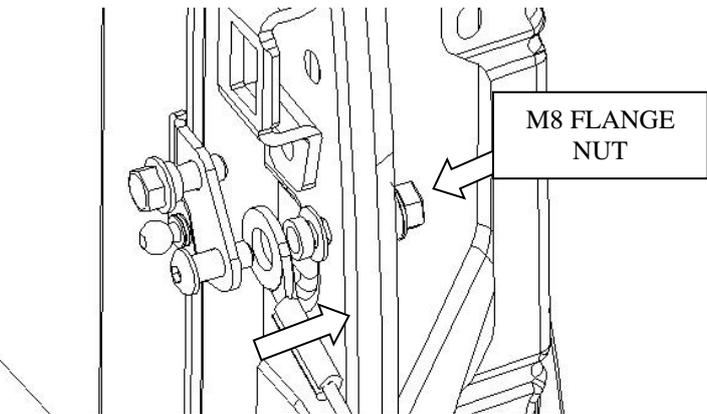
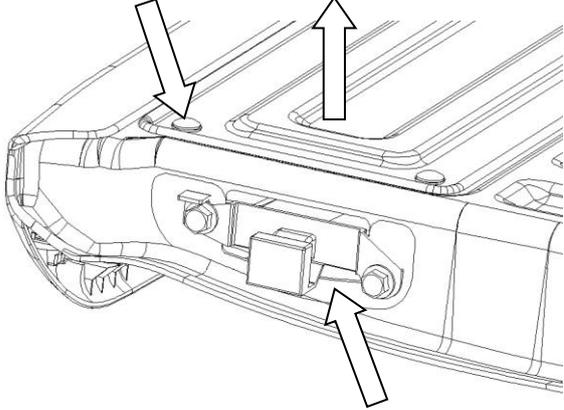
1.0) Remove the 2 screws in the tail light recess securing the RH tail light to vehicle and retain. Carefully remove the tail light by sliding rearwards. A gentle tap rearwards may be required to free it from it's locating tabs. Place the tail light in a safe location.

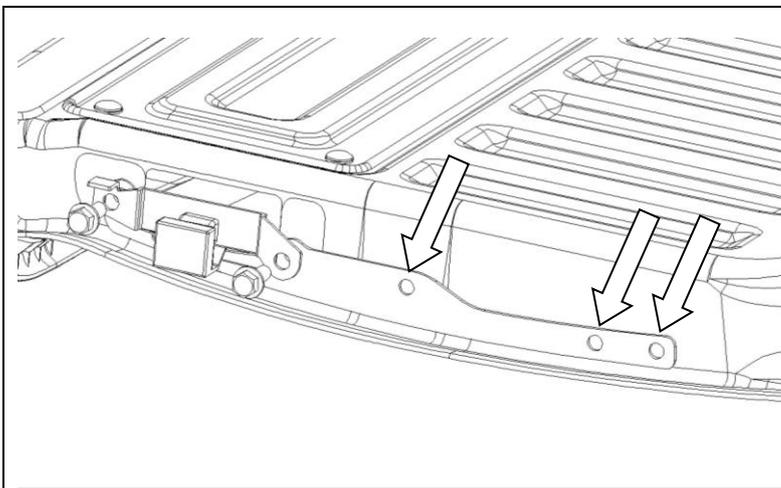


1.1) Remove the limiting strap from the tailgate and remove it's mounting bolt. Retain the mounting bolt as this will be re-used on the Tailgate Assist mounting brackets.

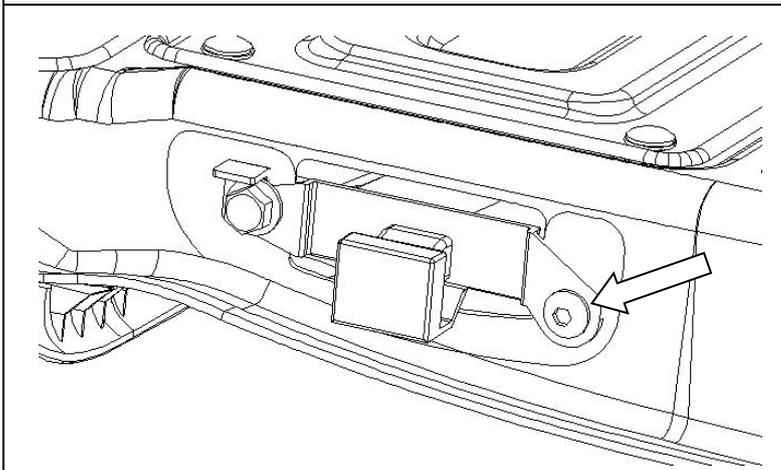


1.2) Remove the cable mounting bolt (A) from the quarter panel. Remove all washers from the bolt and discard the bolt as well as the washers. Retain the cable. Remove and retain the lower striker bolt (B).

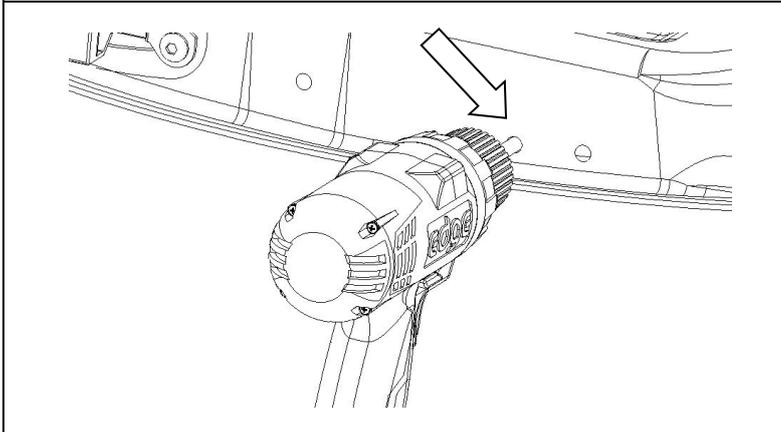
	<p>1.3) Place mounting bracket (3750281R) over the lower striker mounting hole and loosely fasten using the original bolt. Make sure the rear face of the bracket is parallel with the tub lip. Once satisfied mark the hole for drilling using a marker pen.</p>
	<p>1.4) Drill marked hole out to 8.5mm. De-burr and paint when complete.</p> 
	<p>1.5) Through the lower hole of bracket (3750281R) place the M8 cap screw (6151874). Then place the original cable (round eye end) over the screw followed by spacer (5848478) and M8 flat washer (4584328). Pass the cap screw through the drilled hole and secure with an M8 flange nut (6151548) in the tail light cavity. Secure the top hole of the new bracket into the striker using the original bolt. When complete tighten all fasteners to 22Nm.</p> <p>1.6) NOTE: Re-fit the tail light now.</p>
	<p>1.7) Remove and retain the fastener from RH side rear tailgate latch. Remove the tailgate liner if fitted. Remove the screws securing the tailgate access panel and retain. Lift off and remove the access panel and place it in a safe location.</p>



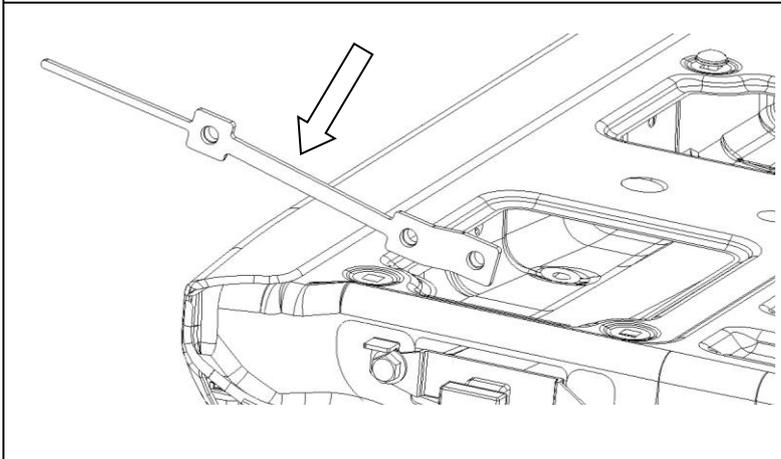
1.8) Gently pull outwards the tailgate latch and slide the drilling template (3195070) behind the latch. Secure the latch through the template to the tailgate using original fasteners. When complete mark the three holes through the template using a marking pen. Remove the template and set aside for use on LH side.



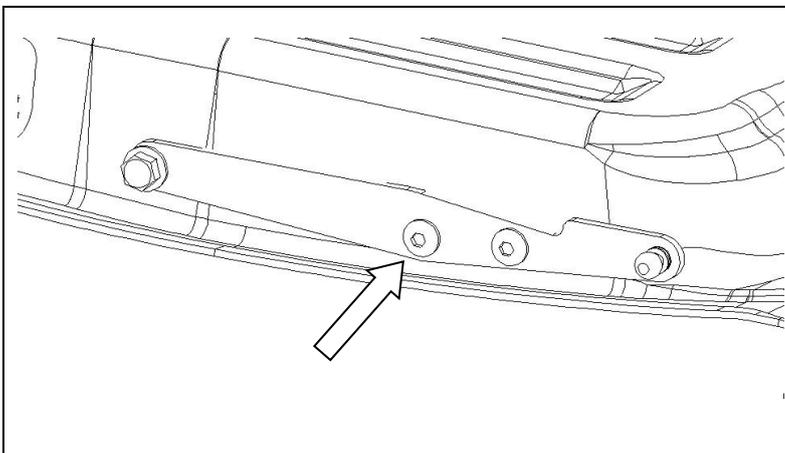
1.9) Re-fit the latch back to the tailgate but use an M8 cap screw (6151874) in the front position as shown. Retain the original bolt as this will be re-used later. When complete **tighten the fasteners to 22Nm**.



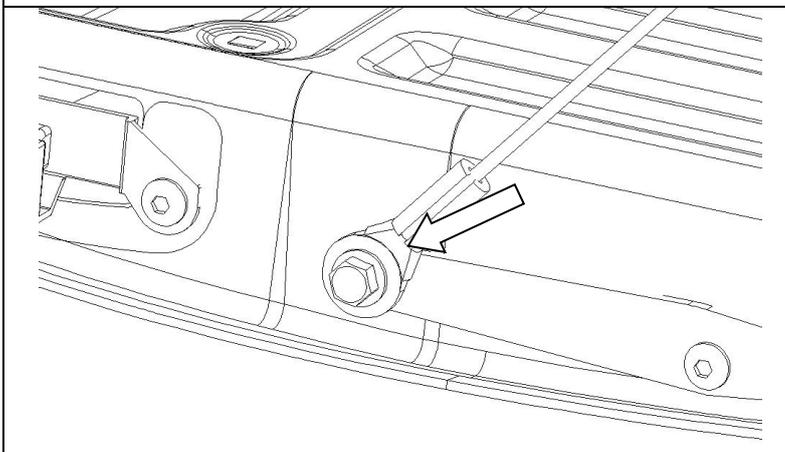
1.10) Using an 8.5mm drill bit drill the marked holes carefully. When complete de-burr and paint the holes.



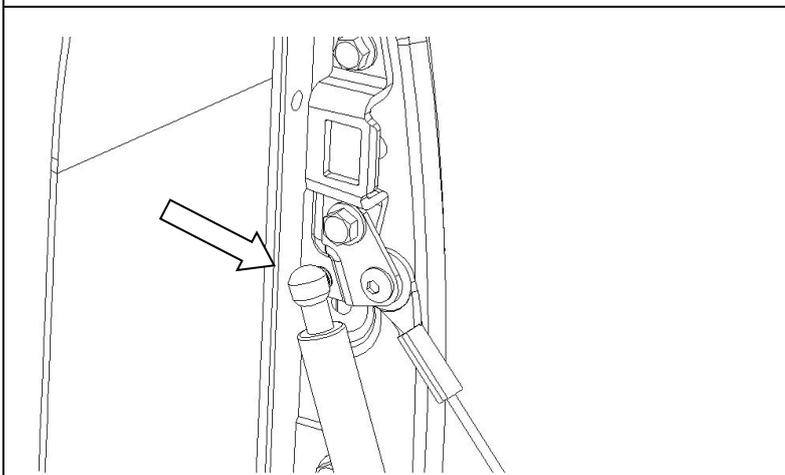
1.11) Feed the RH side captive nut plate (3195069R) into the tailgate and align with the drilled holes.



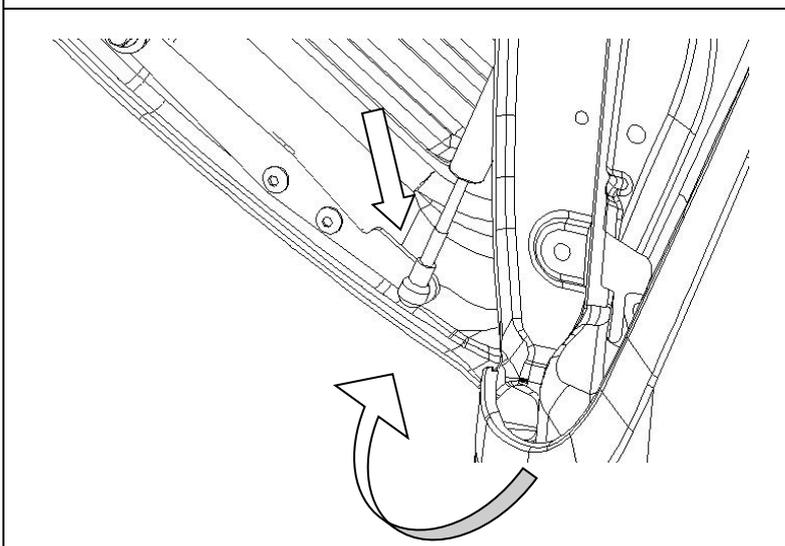
1.12) Secure the RH side strut mount (3195073R) to the tailgate and into the captive nut plate using two M8 cap screws (6151874) in the two front holes only. Use the original strap retaining bolt in the rear mounting hole. **Tighten all fasteners to 22Nm** when complete.



1.13) Lift the tailgate up slightly and clip the original cable back onto the retaining bolt and lower the tailgate down.

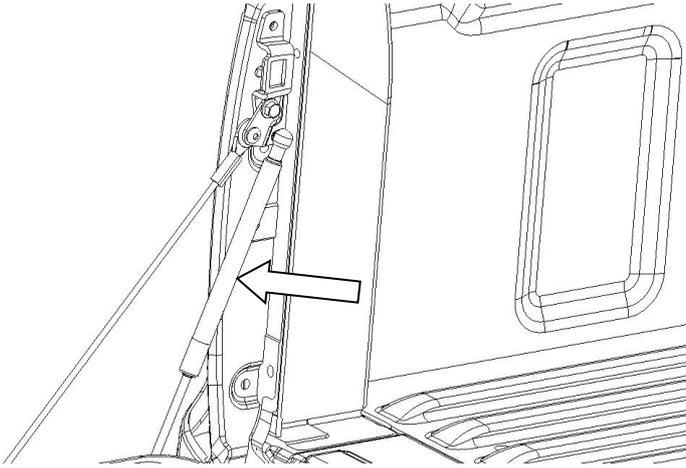


1.14) Fit the larger body spring assist strut (4590023) to the upper ball stud as shown. **DO NOT REMOVE EXTENSION CLIP YET.** Ensure it has correctly clicked in and that piston rod is facing downwards.

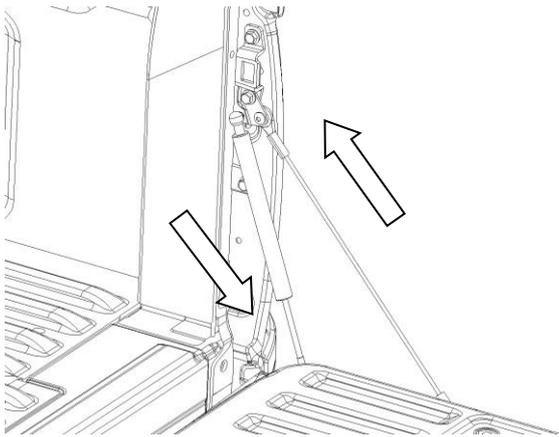


1.15) Fit the lower end of the strut to the tailgate bracket by lifting the tailgate up and attaching to the ball stud. Once attached lower the tailgate and remove the safety clip. Place the safety clip in the vehicle's glovebox.

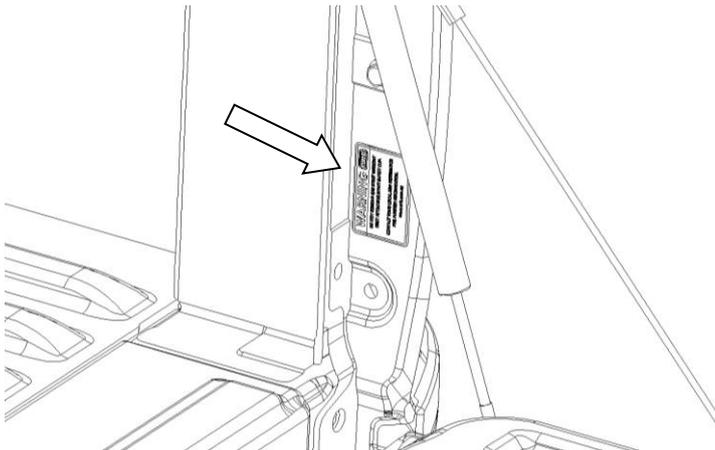
Section 2: FITTING LHS ASSIST



- 2.1) Use the same procedure as mentioned in section 1 for the LH side components except to place the narrower body strut onto the ball studs (4590026). This strut is a damper and it's piston can be moved inwards and outwards by adjustment to help with alignment. **Ensure M8 fasteners on LH side are torqued to 22Nm.**
- 2.2) NOTE: Re-fit tailgate access panel and liner now if fitted.



- 2.3) When complete open and close the tailgate to ensure correct operation. Make sure there is no binding, cables protruding or contact of struts to the vehicle tailgate or body of the vehicle.



- 2.4) Fit warning label to vehicle tub as shown in the image. It must be fitted to the larger spring assist side and placed just above the lower tail light mounting screw.