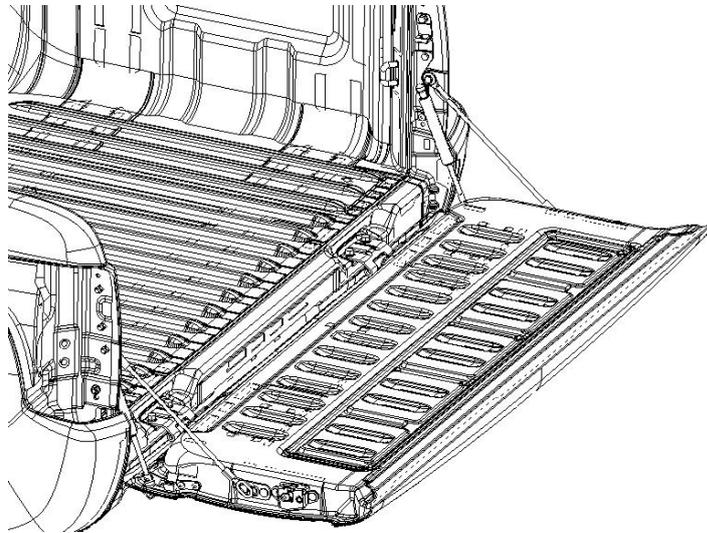




FITTING INSTRUCTIONS

4746010 (WITH CABLE) & 4746020 (W/O CABLE) TAILGATE ASSIST TO SUIT MITSUBISHI TRITON 2015-



FITTING KIT: 6177031

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 torquing can cause failure of components.

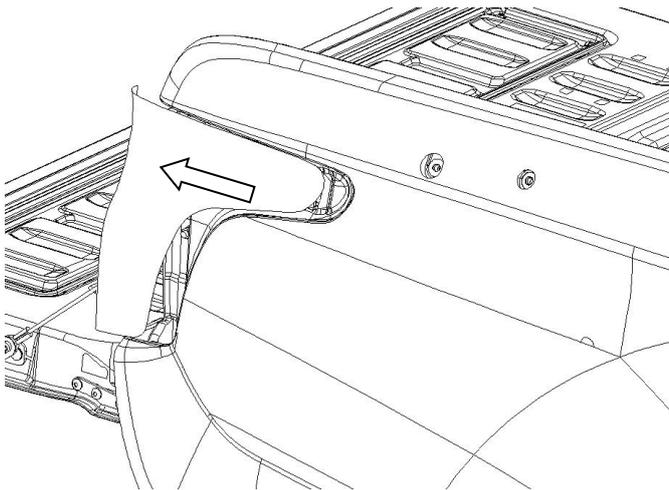
THE FITTING KIT CONTAINS:

1. 6177031	Part No	Picture	Qty	Description
	3750331R		1	UPPER BALL STUD MOUNT RH
	3750331L		1	UPPER BALL STUD MOUNT LH
	3195089R		1	LOWER BALL STUD MOUNT RH

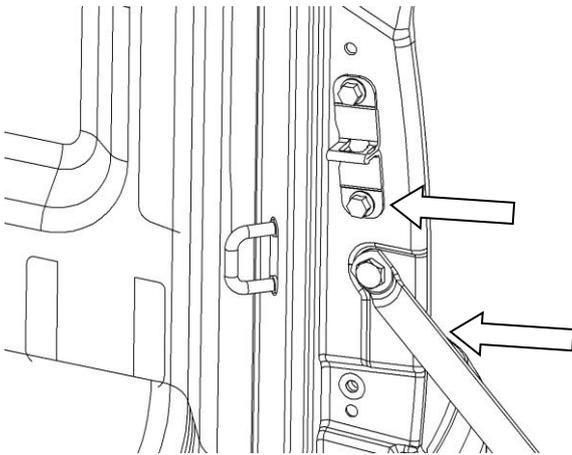
	3195089L		1	LOWER BALL STUD MOUNT LH
	3195091R		1	LOWER NUT PLATE ASSY RH
	3195091L		1	LOWER NUT PLATE ASSY LH
	4590021		1	LIFT SPRING STRUT
	4590025		1	DAMPENING STRUT
	6151548		2	M8 FLANGE NUT
	6151874		10	M8 BUTTON HEAD CAP SCREW X 20MM
	6821342		2	LIMITING STRAP (4746010 KIT ONLY)
	3195092		1	DRILLING TEMPLATE
	2125702		1	WARNING LABEL

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

Section1: FITTING RHS ASSIST

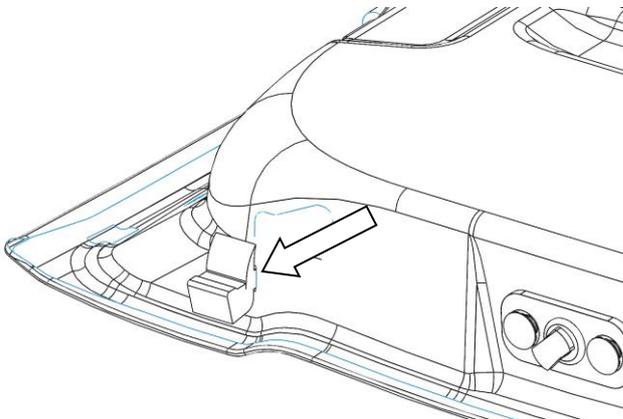


- 1.0)** Remove the 2 screws in the tail light recess securing the RH tail light to vehicle and retain. Carefully remove the tail light by sliding rearwards. A gentle tap rearwards may be required to free it from its locating tabs. Place the tail light in a safe location.



- 1.1)** If fitted with a metal plate limiting strap remove it from the tailgate and remove its mounting bolt from the quarter panel making sure to note the orientation of the washers. Retain the mounting bolt as this will be re-used on the Tailgate Assist limiting strap. Remove and retain the lower striker bolt. If a limiting cable is installed leave this in position.

If fitted with cables, remove the cable from the tailgate retainer and leave hanging from the quarter panel.



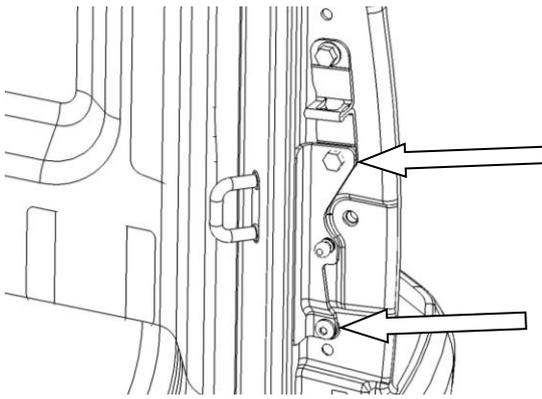
- 1.2)** Remove and discard any original metal strap locating blocks. These are made from rubber and will pull out with a little force.



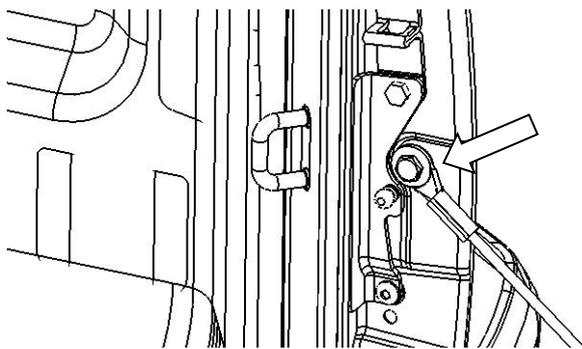
1.3) If the tailgate is fitted with cables, the tailgate retainer will have a bent tang on the lower side of it. Remove the retainer and straighten the tang so that it follows the line of the panelwork.

Once straightened, refit the retainer then the cable.

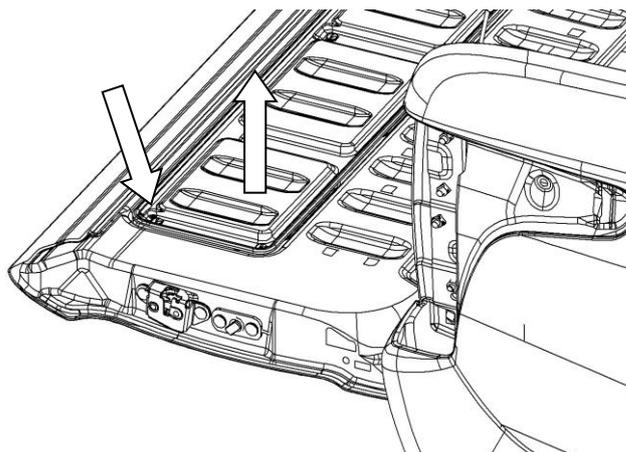
The cable should now clear the tang and the cable.



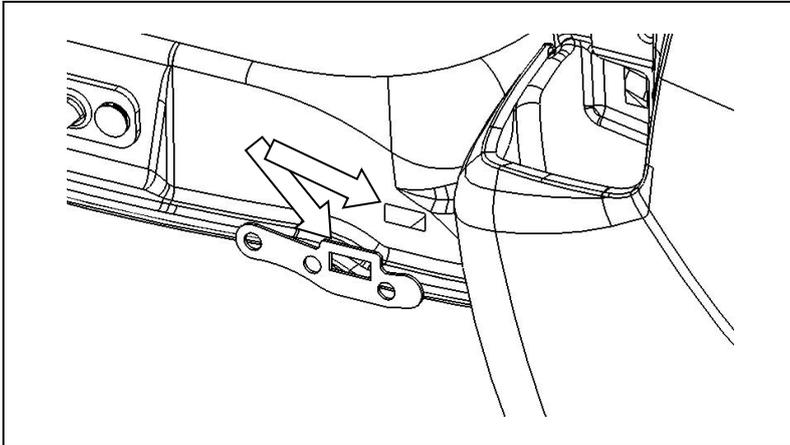
1.4) Place mounting bracket (3750331R) over the lower striker mounting hole and loosely fasten using the original bolt. Align the lower hole with the vacant 8mm hole in the quarter panel. Secure using the 16mm long M8 button head screw (6151874) and M8 flange nut (6151548) inside the tail light cavity. When complete **tighten fasteners to 22Nm.**



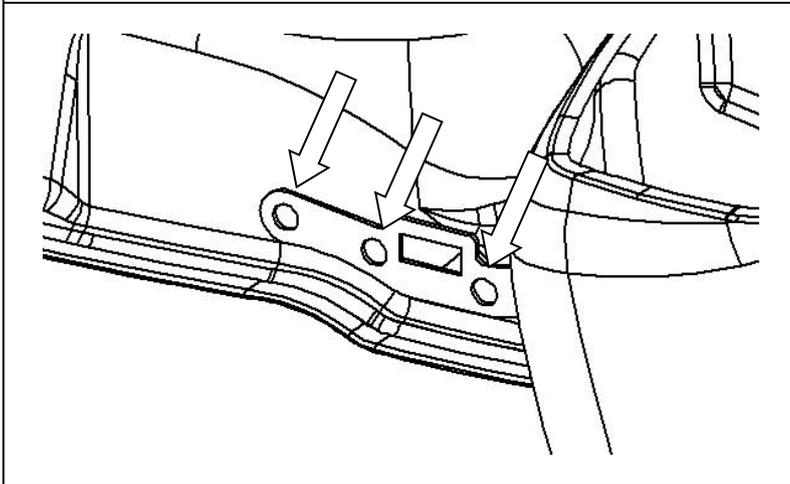
1.5) 4746010 Kit: Using the bolt and washers removed in step 1.1) attach the new cable to the quarter panel, keeping the washers in the same order as removed.



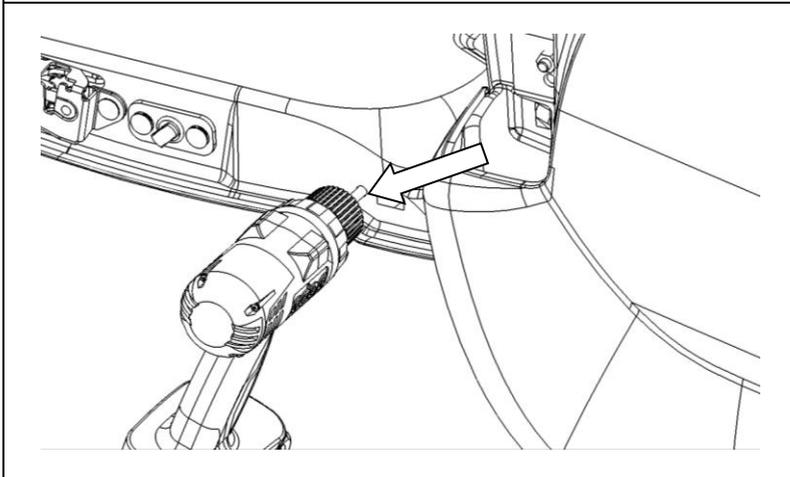
1.6) Remove the tailgate liner if fitted. Remove the screws securing the tailgate access panel and retain. Lift off and remove the access panel. Place it in a safe location for re-fitment at a later stage.



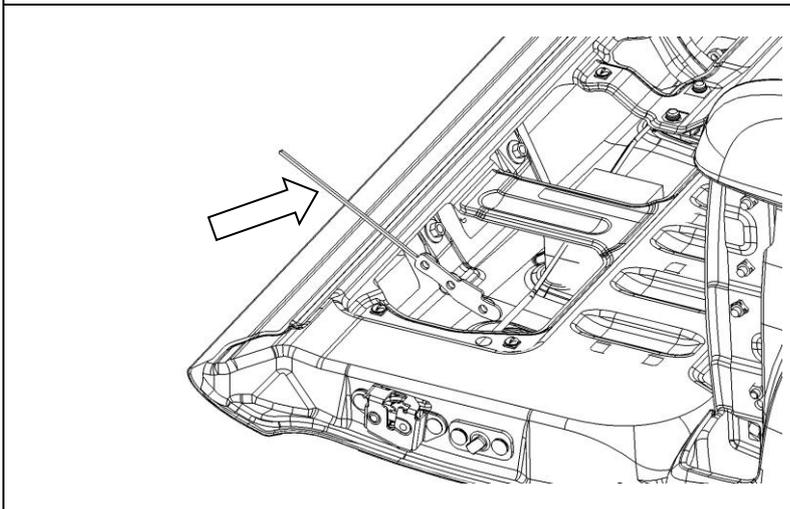
1.7) Align the drilling template (3195092) to tailgate and matching up to the rectangular hole in tailgate from where the rubber strap locator was mounted to the rectangular hole in the drilling bracket in the orientation shown.



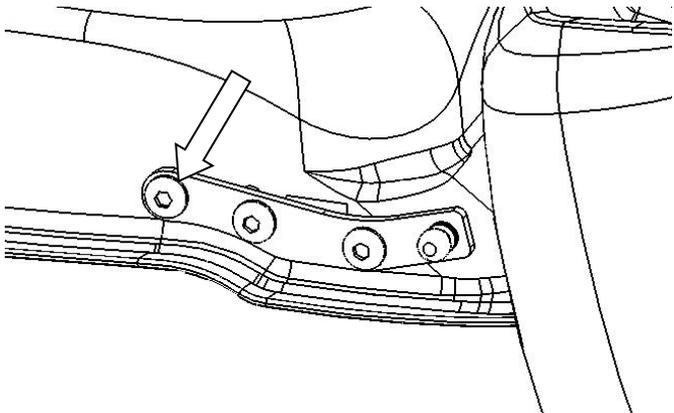
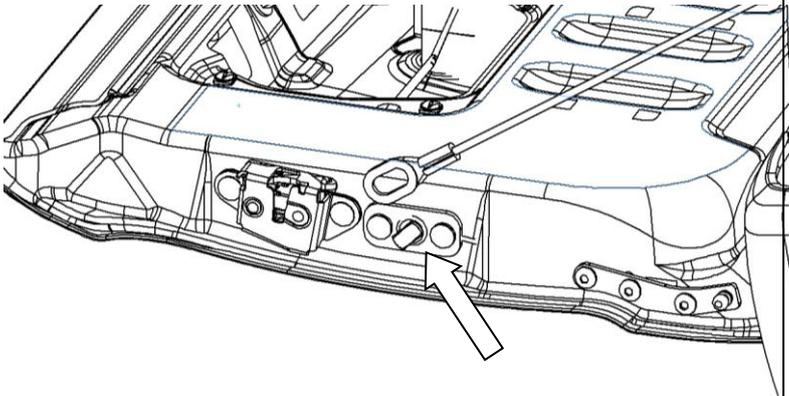
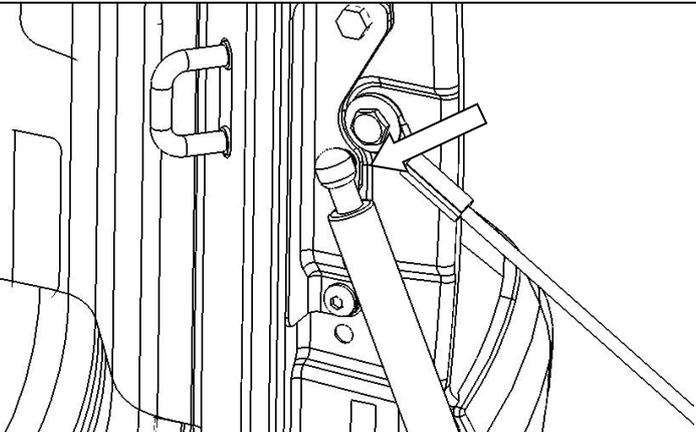
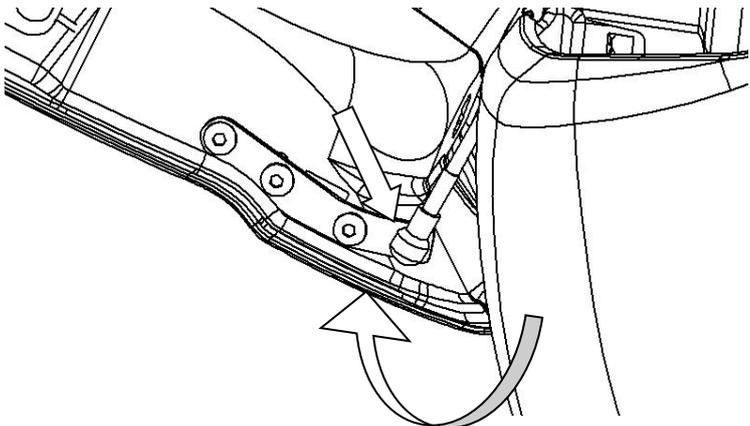
1.8) Mark the three holes through the template using a marking pen. Remove the template and set aside for use on LH side.



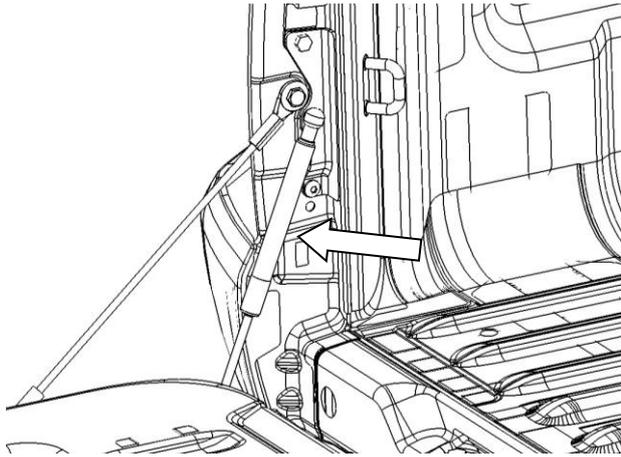
1.9) Using an 8.5mm drill bit drill the marked holes carefully. When complete de-burr and paint the holes.



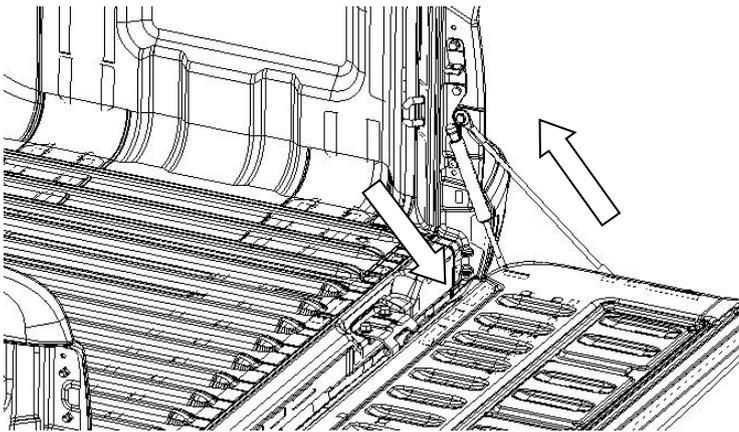
1.10) Feed the RH side captive nut plate (3195091R) into the tailgate and align with the drilled holes.

	<p>1.11) Secure the RH side strut mount (3195089R) to the tailgate and into the captive nut plate using three M8 cap screws (6151874). Tighten all fasteners to 22Nm when complete.</p>
	<p>1.12) Lift the tailgate up slightly and clip the cable back onto the retaining pin and lower the tailgate down.</p>
	<p>1.13) Fit the larger body spring assist strut (4590021) 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.</p>
	<p>1.14) 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.</p>

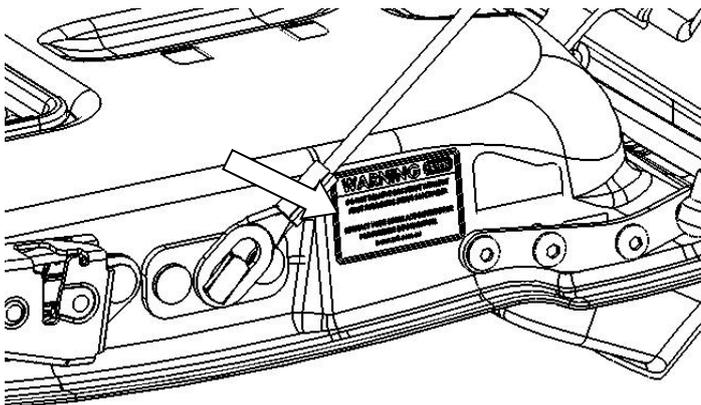
Section 2: FITTING TO LHS



- 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 (4590025). 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, liner if fitted and tail lights now.



- 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 on the side of the tailgate as shown.