

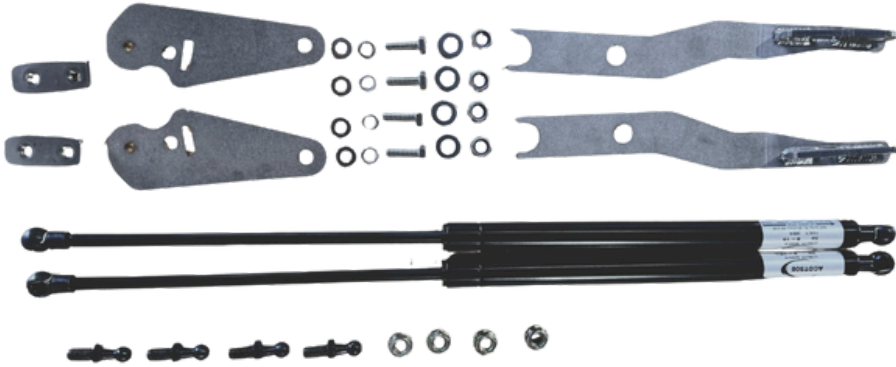
PART #: 82002

STRUT KIT TO SUIT TOYOTA HILUX



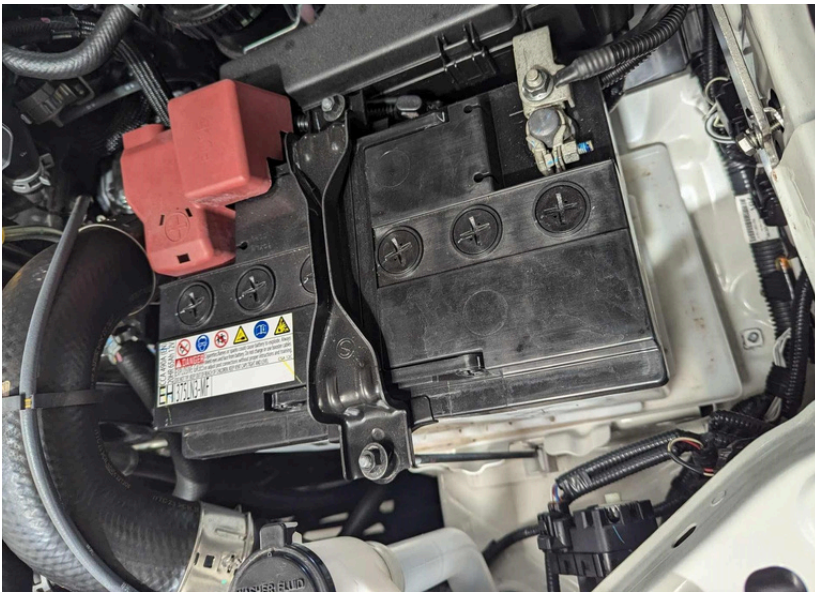
STEP 1

Check the contents of the kit to ensure all parts are present and correct.



STEP 2

Loosen the battery clamp and push the battery over towards the engine to gain access to the LH side of the engine bay side panel.



To gain access to the RH side, unclip the lid of the airbox and push aside. Easier access can be gained by removing the airbox completely.

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STEP 3

Assemble the lower strut brackets and nut plates like so



STEP 4

On the LH side, slip the bracket and nut plate into place as shown.



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STEP 5

Using another bolt, washer and spring washer, line up the bottom holes with the nut plate and loosely thread in the bolt. Using the nyloc or whizlock nut (whatever you prefer) loosely attach the strut ball mount so it faces outwards. First tighten the 2 bracket bolts, the bracket does have some movement for adjustment, ensure it sits in the forwardmost position (towards the front of the car) this will allow for the best fitment of the strut. Secondly, tighten the strut ball mount.



STEP 6

Repeat steps 4 and 5 for the RH side.

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STEP 7

Remove the top/forwardmost bolt on the LH side of the bonnet hinge. Line up the upper strut mounting bracket with the bonnet outline, hole and remaining bolt. Fix into place with the upper bolt previously removed. Tighten slowly and ensure the cutout on the bottom of the bracket lines up with the lower hinge bolt (it should slot in while tightening and stop the bracket from spinning or slipping out of place).

Once the bracket is tight, attach the strut ball mount (again using the nyloc or whizlock nut) so it faces outwards and tighten. Repeat this step for the RH side



STEP 8

Remove pin clips from both struts and set aside



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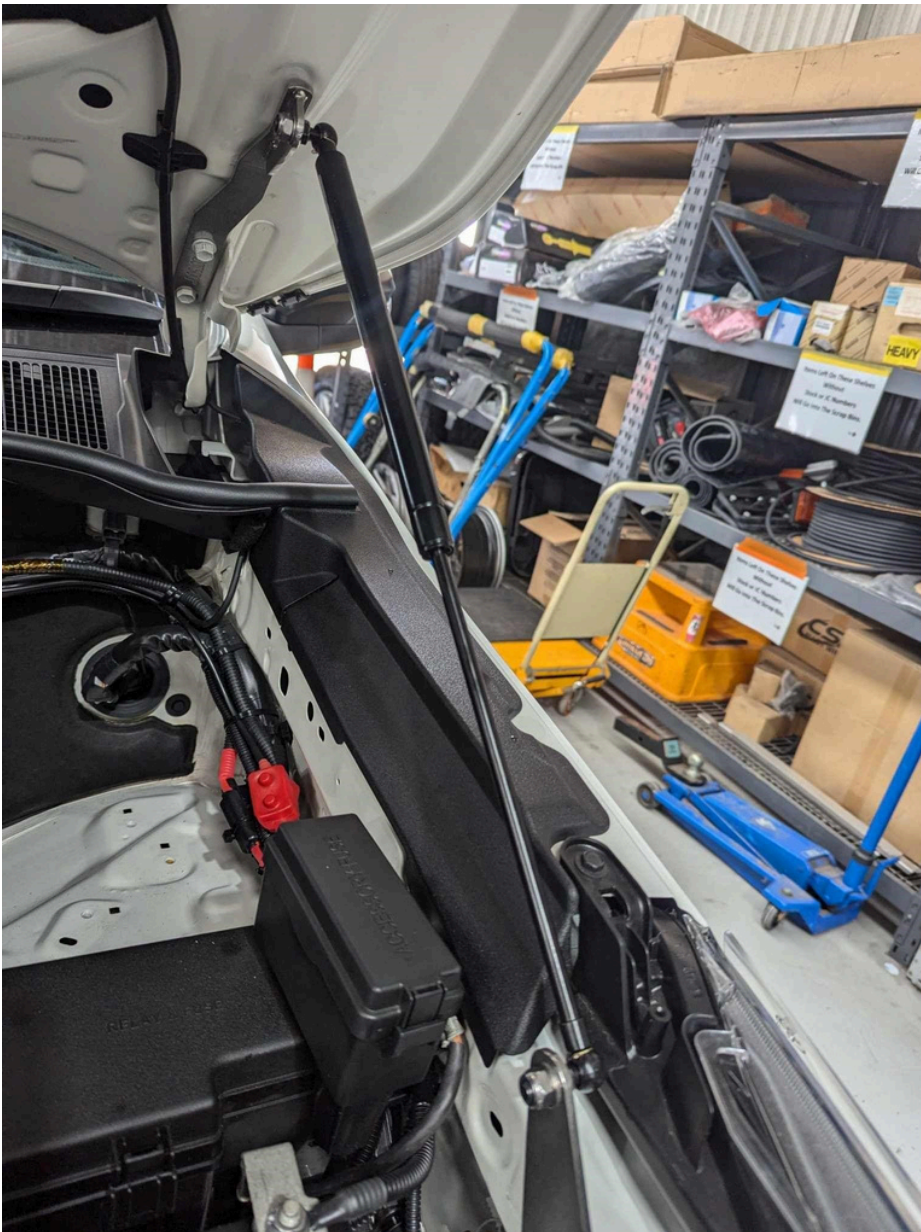
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STEP 9

The following step can be done alone but for ease and safety it is best to have someone else hold the bonnet up while attaching struts.

Hold the bonnet open and drop the bonnet prop rod. You will not be able to get this out with the struts attached. Attach struts to the LH and RH side, oriented as shown in the picture.



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STEP 10

Re-attach strut pin clips removed in step 8



STEP 11

Re-assemble the airbox, move the battery back into place and re-secure the battery clamp.

STEP 12

Test function of the bonnet struts by slowly closing the bonnet and observing. There should be no rubbing and the struts should clear everything and sit nicely in the gap on either side. Lift the bonnet, ensure struts are working properly and holding the bonnet open without any sag.

STEP 13

Enjoy your new ACOT500 Hilux Bonnet struts!

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