



## L400 BASHPLATES<sup>(a)</sup> Parts list and install instructions

### Parts

- M10 x 25mm x 3
- M12 x 35mm x 2
- M10 x 35mm x 2
- M08 x 35mm x 2
- M08 Spring washers x 2
- M08 Washers x 2
- M10 washers x 5
- M10 Spring washers x 5
- M12 spring washers x 2
- M12 washers x 5
- Support brace x 1
- Rear and front bash plates.



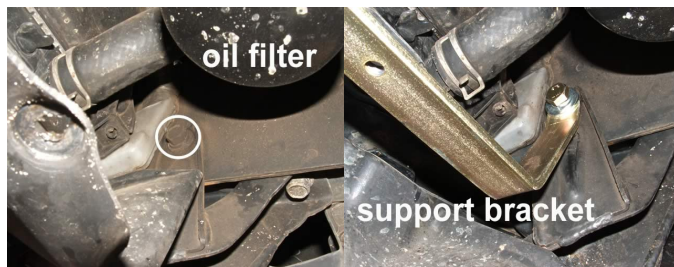
### TIP

You shouldn't need to jack the car up, but if you do, don't forget to apply the handbrake and support the car with stands.

### Installation

You'll need a 12mm, 13mm, 14mm, 16mm, 17mm and 19mm spanner, socket, or adjustable.

1. Remove the old bash plates.
2. Install support brace between the two chassis rails. There are 2 existing bolt holes (M12). On a Series 1 there will be a bracket for the nudge bar on the drivers side, use 2-3 of the extra M12 washers to between the new support bracket and chassis on the passenger side (this will help the holes line up neatly with the front plate holes). On the Series 2's there might be nothing using those bolt holes, or there might be a chrome bar, or a small bracket (You can choose to keep these though they might need modifications).



There are 3 extra M12 washers included. These may be needed to go between the front bracket and the chassis rail, to help lineup the holes on the bracket with the 3 x M10 bolts on the front plate for series 2/3's.

Either way, we're bolting the support bracket into those 2 holes with the 2 replacement M12's with spring and flat washers. Don't tighten it up just yet.

3. The next part depends on whether or not you have a front nudge bar (series 1) or not. If series 1 then loosely put on the middle two M10x35mm bolts with flat and spring washers, slide the front plated onto those and they'll support it while you put on the front 3 M10x25mm's with flat and spring washers.

If series 2 or above, its reported as easier NOT to put the middle 2 bolts in until after you've fitted the front 3 M10x35's through the front plate to the support bracket (or at least one to hold it. This is because the front plastics prevent the front bashplate going forward enough to slide onto the middle bolts if they're already in place.

Keep all bolts loose until you've got them all on.

4. Slide the back plate onto the middle nuts, and while holding it up screw in the back two M8 nuts with spring and flat washers. The back plate sits between the front plate and the vehicle.
5. Tighten up the back 2 M8's.
6. Adjust the front plate so it sits evenly with the front of the vehicle, there should be an even gap between it and the radiator cross member. Then tighten up the front 3 M10's.
7. Tighten up the middle 2 M10's making sure there is a good overlap between the 2 plates and the vehicle attach point.
8. Tighten up the front 2 M12's

9. Find something to test it out on ;-)



\* if the back 2 bolts are damaged you have a few options.

If the mounts are bent then you can use the bashplate itself to gently straighten them by using the original bolts or finding some longer ones, and just bolt them in and gently lever with the bashplates to straighten them in the holes.

If the mounted nuts have come off completely, then you've a fiddly job of replacing them with some high tensile bolts and nuts.

One way I've used is to spot weld or glue something onto the nut to allow you to control it from the end of the chassis rail.

Always use HT nuts and bolts for this application. You'll need an M08 1.25 thread NUT in addition to the kit.

\*\* if you've got the (rare) extra front chrome bar you may need to do a little modification to the front plate and hanging bracket – with a hammer... Though it's a bit of a plough and you'd be better off road without it.

If you have troubles, post on the forum, I'm sure we can nut out a solution together ☺

Good luck, and happy off-roading!

Tom

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