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Volvo 240 front end geometry and rack end correction kit

Required Items:

All pricing is in AUD

1. DVS Strut tube to lower control arm spacer set. 25mm thick. Machined from block aluminium. Supplied with appropriate length cap screws.	Available from DVS. \$249.00
2. DVS Rack-end spacer set. 40mm tall. Aluminium. Supplied with 14mm x 100mm HT bolt, Nyloc nut and Zinc Plated washers.	Available from DVS. \$67.50
3. 14.0mm x 2 pitch metric, coarse thread female rod end. Should be high-quality machined rather than cast	Available from DVS. Also available from fastener supplier.
4. 14mm jamb nuts to suit coarse thread of steering rack. (existing items to be re-used)	Available from DVS. Also available from fastener supplier.

Installation and additional notes:

With the front of the car off the ground and sitting on axle stands etc and the wheels removed -

1. The eye of the steering knuckle must be drilled out from its standard conical shape to a straight, non-tapered 14mm hole.
2. Remove tie rod-end from steering rack
3. Fit jamb nuts to steering rack ends.
4. Fit rod ends to steering rack.
5. On each side, remove the four bolts securing the strut assembly to the ball joint plate.
6. Move lower control arms downward and fit *DVS Strut tube to lower control arm spacers*. Fit caps screws to replace original bolts. We suggest using loctite.
7. Fit washer to bolt and insert the bolt through the eye of the steering knuckle.
8. Fit *DVS Rack-end spacer* to the bolt, on the underside of the steering knuckle.
9. Fit steering rack rod-end to bolt.
10. Fit washer
11. Fit locknut and tighten.

(Fitting order should be: Bolt > Washer > Steering Knuckle > Spacer > Rod-end > Washer > Nut)

Assembly should look like the following –



Wheel clearance guide:

This is a growing document and will be updated with feedback from customers and our own testing.

This kit is not compatible with 14" wheels.

The following wheels will work with this kit –

- Volvo 'Hydra' 16x6.5 wheel.

The following wheels may not be compatible with this kit -

- TBA

We hope that you'll enjoy using your DVS product as much as we did designing, fabricating and testing it.
<http://www.dvs.net.au>

International Suppliers for rod ends:

USA –

Maryland Metrics
6119 Oakleaf Ave
Baltimore MD 21215
USA

p: (410) 358-3130

w: <http://mdmetric.com/rodend/bef1.htm>