

# High Clearance C.V. Boot Fitting Guide

## CV59-554k and CV59-557k



Dobinsons high clearance CV boot kit has been designed to reduce the wear on the c.v. boots on raised vehicles. Both CV59-554k and CV59-557k should be installed together to replace the inner and outer.

Always use the correct PPE and follow all relevant workshop procedures for removal and install of parts.

1. Safely Jack the vehicle and support with jack stands	
2. Remove the wheel and support the wheel hub with a jack. Remove the sway bar link top bolt, sway bar d-rubbers, upper control arm ball joint and remove coil spring and strut assembly.	
3. Remove the brake line locking clips (do not remove the brake line itself just the clips that hold it to the hub) and remove the abs line clips and sensor from the hub to allow a lot of movement on the hub assemble.	
4. a - Remove the bolt and speed sensor. b - Disconnect the 2 clamps. c - Remove the bolt and disconnect the speed sensor wire harness from the steering knuckle. <b>Take extreme care not to damage the ABS line or sensor.</b>	
5. Remove the outer hub cover and remove the split pin and outer C.V. axle end nut.	
6. Remove the inner c.v. boot inner band.	
7. Using a brass punch on the outer end of the axle carefully knock the driveshaft inwards so that the inner 3-bearing c.v. joint slides into the receiver in the diff housing. Take extreme care not to damage or burr the end of axle when tapping it inward and ensure that the inner 3 bearing c.v. has not popped out of the housing in the process.	

8. Wriggle the hub so that the outer axle and c.v. joint of the driveshaft can be removed completely from the outer hub, and then remove the complete driveshaft from the inner diff but carefully maneuvering the hub and driveshaft.

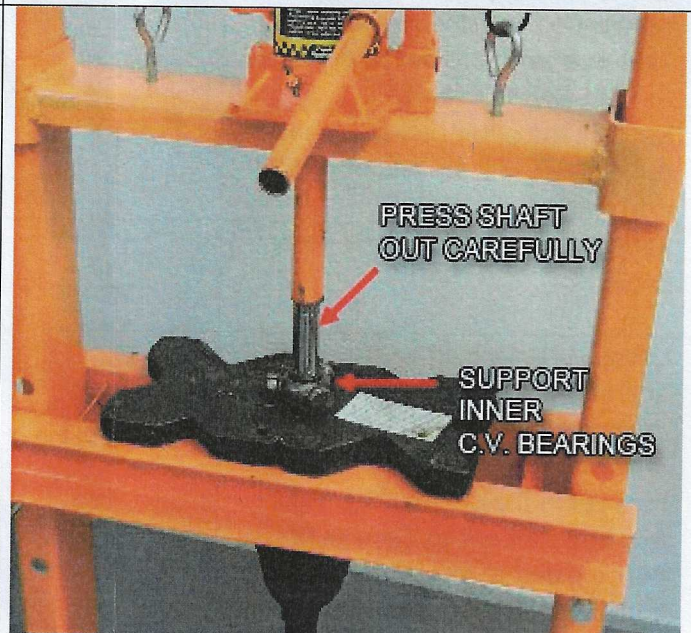


9. Remove the circlip from the inner c.v.

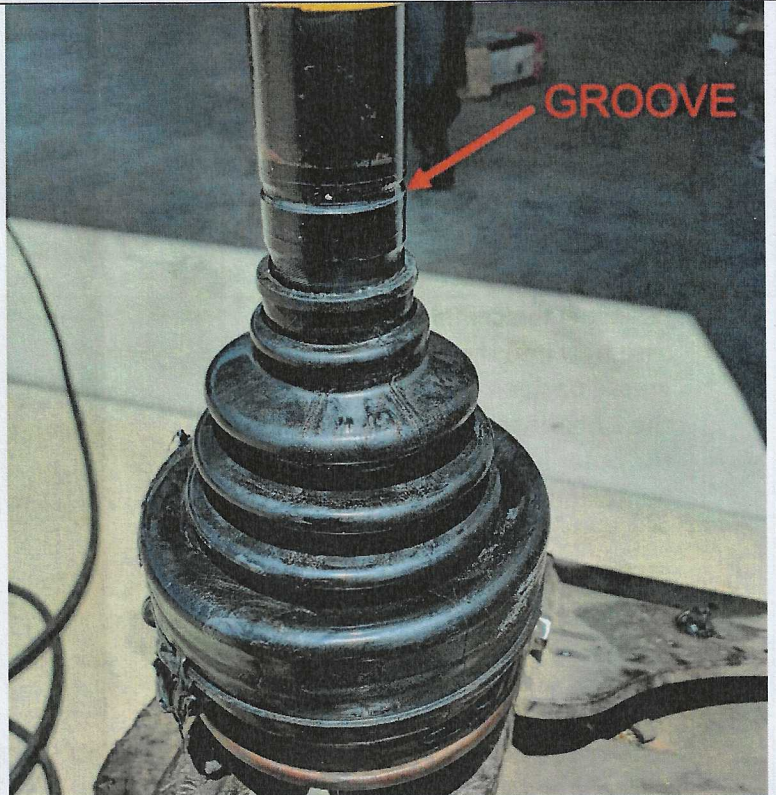


**REMOVE CIRCLIP**

10. Support the 3 bearings in a suitable press and press out the inner axle taking extreme care not to damage the axle or c.v.



11. Using **vice soft jaws** hold the c.v. joint from the outer end ensuring you do not squash or damage the spline. Remove the c.v. bands and remove both original c.v. boots. Inspect the grease in the outer c.v. joint and replace or top up with grease supplied if needed. If dirty, dis-assemble the c.v. joint and clean and re-grease

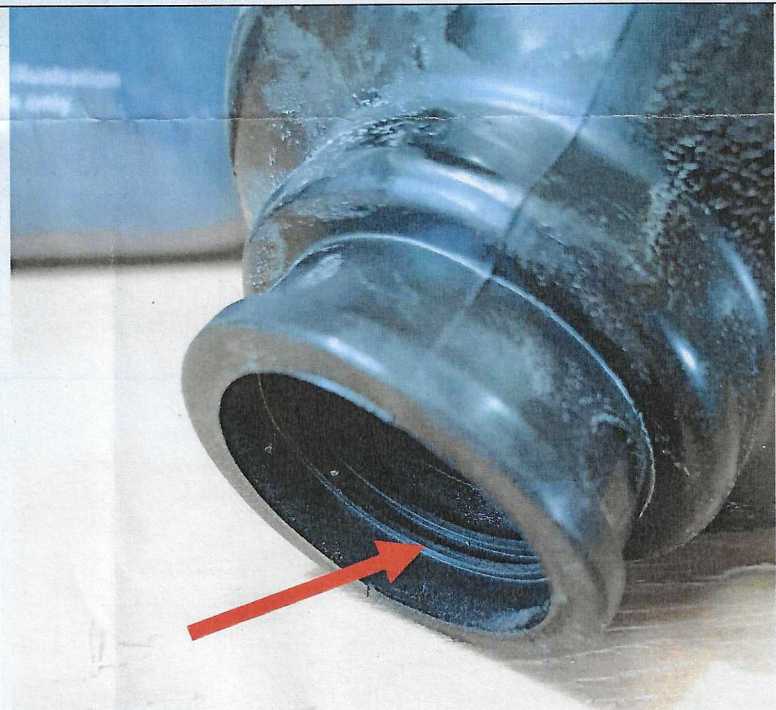


12. Ensure both mounting surfaces for the outer c.v. boot are clean and free from grease oil and dirt to ensure it grips correctly.

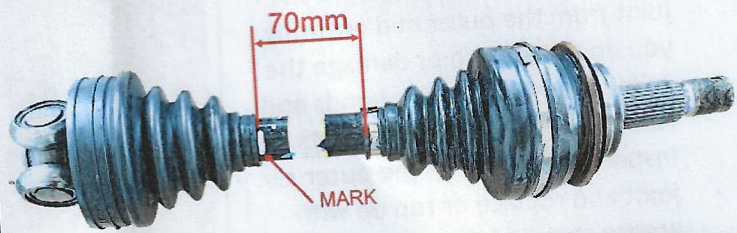
13. Install the outer C.V. Boot CV59-554k into the factory location on the outer side and install the CV Band ensuring the mating surfaces are clean— stretch this over the large diameter. Slide the inner section of the C.V. boot so the double lip inside the c.v. boot aligns into the inner groove in the drive shaft as shown in the picture above where the factory c.v. boot locates.

14. The c.v. can suck in as its an air tight seal, use a small blunt object to poke inside to release the air ensuring you do not tear the seal.

15. With the c.v. boot aligned in its correct position install and tighten both c.v. clamps on the outer boot.

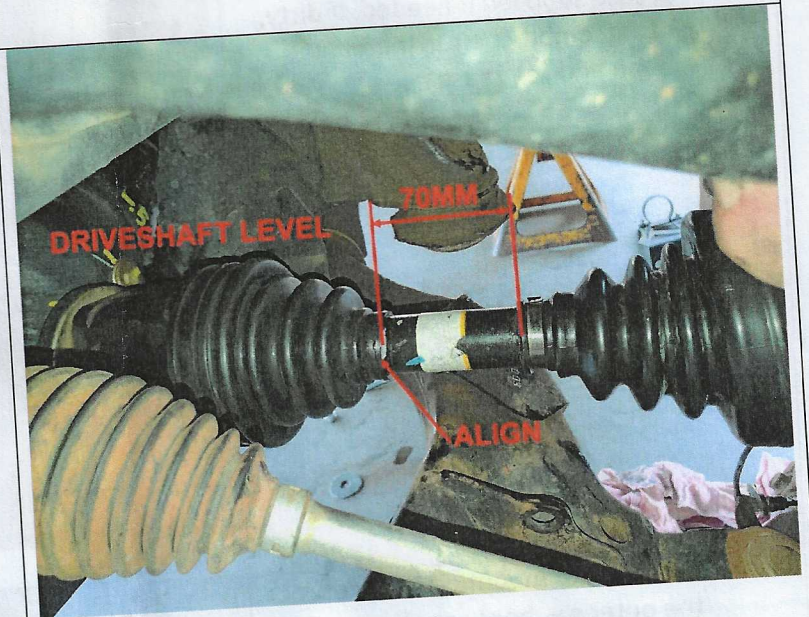


16. Slide on the inner boot. Mark a line 70mm from the inner lip of the outer boot – this is the alignment mark for install the outer small diameter of the inner boot.



17. Ensure the inner and out mating surfaces are again clean.

18. Re-install the complete driveshaft assembly into the vehicle and re-grease or clean if required ensuring the 3 bearings align correctly. Jack the outer hub so the drive shaft is approximately level / flat. Install the inner cv boot onto the diff section aligning the circular sections correctly, pushing the c.v. boot up until the inner ears of the c.v. boot are touching the edge of the diff c.v. hubs the same way the factory c.v. boots were. Install and tighten the inner c.v. band.



19. Slide the outer lip of the inner c.v. boot against the alignment mark (70mm between boot lips), release the suction if required and install the outer band.

20. Re-install all suspension components removed ensuring that the lower strut bolts are tighten up with the vehicle on the ground at ride height.