



Instructions Rear Diff Bushings - Motorsport

Note. This instruction sheet should be used in conjunction with the workshop manual and proper safety procedures followed.

Application - Nissan 350Z 2003-2009
- Nissan 370Z 2008-2009
- Nissan V35/V36 Skyline

(Always refer complete catalogue listing)

Contents - 2x bonded bushing 69351
- 2x bonded bushing 69352
- 2x bonded bushing 69353
- grease

WHITELINE's MOTORSPORT

differential bushings are super tough bonded 90 duro items. The bonded 'half tube' design offers superior strength & reliability without the crazy NVH - but also easy to install. The low compliance high durometer will improve gear changes whilst directing power to the rear wheels more efficiently.

- Raise vehicle evenly and safely support.

Never rely on a jack only

- Proceed to remove rear wheels. Next remove the rear swaybar.
- Unbolt drive shafts at the diff. Next un-bolt tail shaft.
- Check and remove diff oil breather hose.



- Using a suitable stand or jack with timber, support the diff.
- Proceed to un-bolt the 2x front vertical mount points - refer upper image.
- Next, loosen and remove the rear horizontal mount nut.
- Lower diff slowly from vehicle.

Refer page 2 -

It is recommended that a licenced workshop or trades person carry out the above procedure and that workshop manual and relevant safety procedures are followed in addition to the above.



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- When moving diff around, be mindful of any oil loss via the breather.
- The original vertical bushings can be knocked out with a hammer and a steel cup similar shape to a socket, alternatively drill a hole in the rubber, then cut the steel outer shell.

- To remove the rear bushing, a threaded puller is best used.

Refer Whiteline part number WTK001.

- Pull the original bushing out of the sub-frame whilst in vehicle (including the steel outer shell).
- Clean sub-frame of any oil, grease or sharp burrs.

Refer page 3 -




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- Push new vertical bushings **69352** and **69353** into clean diff eye. Use a small amount of grease to help.

Note: WHITELINE recommends placing the thicker **69352** bushing on the top - refer RH images. 

Also, discard the original upper steel washers.

- The new rear bushing **69351** will need to be pulled into position with a threaded puller (refer image page 2). Again use grease to help with the install. 
- Bolt differential back into vehicle.



- Re-use original bolts.
- Road test vehicle.
- Re-check all bolts
- Re-check all bolts again after 500 miles.



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