

Fitting Instructions

Rear Cross Member Mounts / Adjustable

To suit: Skyline R32/R33/R34 AWD

Contents:

9154A Bush	x 4	Grooved Crush Tube	x 4
9154B Bush	x 4	Grease Satchel	x 1
9154C Bush	x 4	Fitting Instructions	x 1
9154D Bush	x4		

DO NOT REMOVE SHELLS FROM SUB-FRAME

These instructions are to be used in conjunction with workshop manual.

1. Raise the rear of the vehicle and support on chassis stands, remove the rear wheels.
2. Disconnect the rear of the tail shaft from the front of the differential, disconnect the rear shock absorber lower mounts and the hand brake cable, remove the brake callipers and support. Ensuring any ABS sensor wiring or rear steer units are also disconnected.
3. Remove the four rear sub-frame vertical retaining bolts and lower the assembly.
4. Using the appropriate tools, remove the centre rubber section ONLY of the sub-frame front and rear outer mounts as per diagram 1.

LEAVING THE ORIGINAL SHELLS IN TACT

5. Clean and inspect the shells where the new bushes are to be fitted for rust, damage, pitting and old rubber deposits and clean or repair as necessary, as per diagram 1.
6. Lubricate (with the grease supplied) the bore and upper end face of the **9154B** bush and insert into the cross member as per diagram 2.
7. Fit the lower **9154A** bush, lubricating only the inner bore as per diagram 3.
8. Lubricate the supplied grooved crush tube, with the ring to the top position.
9. Lubricate the upper and lower faces and the internal bore of the **9154C and 9154D** spacer bush and fit to the top of the **9154B** centre bush as per diagram 3.
10. Carry out steps 4 – 9 for other sub-frame mounting points.
11. Refit the sub-frame assembly and tension all removed suspension bolts to manufactures specifications.

NOTE: We recommend a 4 wheel alignment be carried out at this time.

NOTES FOR ADJUSTABILITY

Fitting all bushes in correct positions as above instructions will give an all round more stable rear cradle position. By removing the top spacer 9154C and shortening the grooved crush tube to the pre determined length the vehicle stability characteristics can be modified to suit different user applications.

1. By removing the **front** mount upper **9154C** spacer and shortening the grooved crush tube, anti-squat can be introduced reducing the manufacturers designed traction characteristics.
OR (we do not recommend shortening both mounts)
2. By removing the **rear** mount upper spacer **9154C** and shortening the grooved crush tube, the rear squat or traction characteristics can be added.
3. When reducing the length of the crush tube, the amount to be shortened has been pre-determined and marked as a groove on the outside of the tube. Please remove any burrs or sharp edges before refitting the modified crush tube to the bush.

NOTE: The above bush adjustment should be carried out after seeking advice from an experienced suspension workshop. Removing spacers may also increase (N.V.H) Noise Vibration & Harshness in the vehicle.

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

