



1. Put the car into gear or park and apply the hand brake, loosen the front wheel nuts on one side, raise the vehicle on a trolley or bottle jack under subframe or on both chassis rails at the same time and then support the vehicle with axle stands under the chassis.
2. The following applies to both sides of the vehicle.
3. Remove the front wheels.
4. Disconnect front anti-roll bar both sides.
5. Undo the nut on the bottom of the shock absorber and remove the bolt.
6. Undo the 3 nuts securing the shock absorber turret to the chassis bracket. In order to withdraw the shock/spring assembly it will be necessary to disconnect the lower arm.
7. Mark with a paint pen or similar, the current position of the camber/caster eccentrics.
8. Undo the camber/caster eccentric bolts and remove bolts.
9. Pull arm away from vehicle. The shock/spring assembly can then be withdrawn
10. Install new shock/spring assembly into position. Loosely fit top mounting nuts
11. Refit lower arm, and lower shock bolt. Install eccentric bolts and return eccentrics to original position. Tighten bolts. Leave the lower shock bolt loose for now.
12. Re-connect antiroll bar.
13. Re-fit the front wheels.
14. Put the car into gear or park and apply the hand brake, loosen the rear wheel nuts on one side, raise the vehicle on a trolley or bottle jack under rear axle and then support the vehicle with axle stands under the chassis.
15. Whilst still supporting the axle, remove the rear shocks.
16. Disconnect the ABS support bracket on the right hand chassis rail.
17. Remove the clips that secure the brake pipes to the axle.
18. Lower the axle as far as possible ensuring the brake hoses and ABS wires are not stretched. Keep support under the axle.
19. The following instructions to be done one side at a time
20. Undo and remove the U bolts securing the axle to the leaf spring. Slacken off the U-bolts the other side.
21. The axle should now be free from the spring.
22. Whilst supporting the spring, remove front and rear mounting bolts and remove rearwards clear of the vehicle.

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23. Install new bushes into the new leaf springs. Ensure that the grease supplied with the new bushes is applied to the hole through the bush and the outer faces of the bush “ears” only. Do NOT lubricate the outer part of the bush.
24. Insert bushes into springs and install the steel tube afterwards
25. Fit new leaf spring to vehicle and install mounting bolts. Again, check brake hoses and ABS wires.
26. Install U-Bolts loosely
27. Repeat action 20 to 26 for the other side.
28. Nip up U-bolts.
29. Jack axle high enough to install new shocks. Loosely fit the securing nuts.
30. Refit the ABS bracket and brake hose clips.
31. Lower vehicle to the ground,.
32. Roll vehicle back and forth to settle suspension.
33. With the vehicle still on the ground under its own weight, torque up the rear shock nuts, U-Bolts and the front lower shock bolt. Then tighten up the front shock/spring assembly nuts.
34. With installation complete, it will now be necessary to carry out a full wheel alignment.
35. Unless specifically required otherwise, this should be done to the vehicle manufacturers settings.
36. After 50-100 miles, re-check the rear axle U-Bolts for tightness.

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