



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.
5. Disconnect the steering tie rod
6. Disconnect the upper arm ball joint by removing the 3 small bolts.
7. Remove ABS wire carrier assembly from upper arm.
8. Undo upper arm bolts and lay upper arm to one side making sure not to damage the brake hose.
9. Undo the nut on the bottom of the shock absorber and remove the bolt.
10. Undo the 3 nuts securing the shock absorber turret to the chassis bracket. Withdraw the shock assembly..
11. Install new shock/spring assembly into position. Loosely fit top mounting nuts and loosely fit lower bolt.
12. Refit upper arm, leaving the 2 securing bolts slack for now.
13. Refit ABS wire carrier assembly.
14. Refit upper arm ball joint.
15. Refit steering tie rod.
16. Re-connect antiroll bar.
17. Re-fit the front wheels.
18. 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.
19. Whilst still supporting the axle, remove the rear shocks.
20. Lower the axle as far as possible ensuring the brake hoses and ABS wires are not stretched. Keep support under the axle.
21. The following instructions to be done one side at a time
22. Undo and remove the U bolts securing the axle to the leaf spring. Slacken off the U-bolts the other side.
23. The axle should now be free from the spring.
24. Whilst supporting the spring, remove front and rear mounting bolts and remove rearwards clear of the vehicle.

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25. 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.
26. Insert bushes into springs and install the steel tube afterwards
27. Fit new leaf spring to vehicle and install mounting bolts. Again, check brake hoses and ABS wires.
28. Install U-Bolts loosely
29. Repeat action 19 to 27 for the other side.
30. Nip up U-bolts.
31. Jack axle high enough to install new shocks. Loosely fit the securing nuts.
32. Lower vehicle to the ground,.
33. Roll vehicle back and forth to settle suspension.
34. With the vehicle still on the ground under its own weight, torque up the rear shock nuts, U-Bolts, front lower shock bolt and upper arm bolts. Then tighten up the front shock/spring assembly top nuts.
35. With installation complete, it will now be necessary to carry out a full wheel alignment.
36. Unless specifically required otherwise, this should be done to the vehicle manufacturers settings.
37. After 50-100 miles, re-check the rear axle U-Bolts for tightness.

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