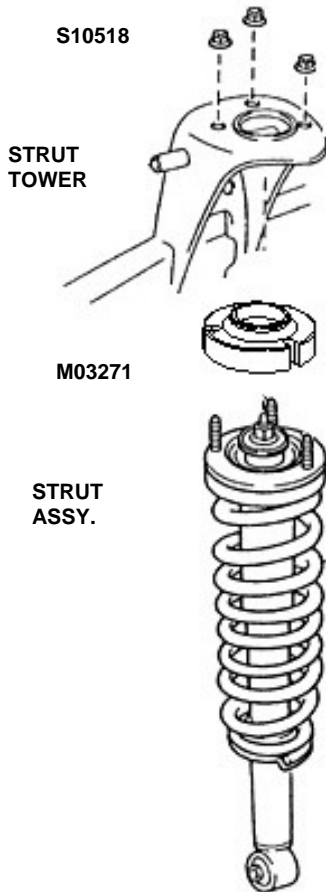


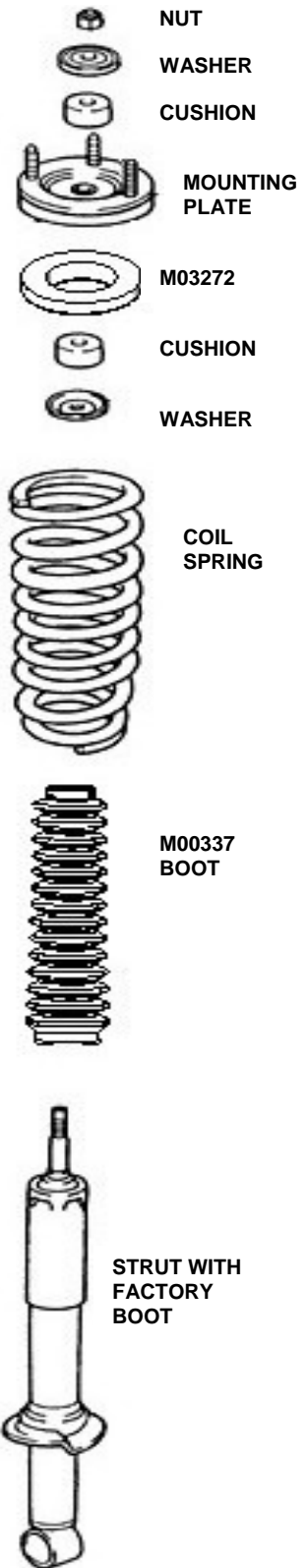
Bill Of Material		
Part No.	Description	Qty.
M02233	End Link Bushing	4
M03112	Bump-stop	4
M00337	Shock/Strut Boot	4
M03271	Coil Spring Spacer	2
M03272	Coil Spring Isolator	2
M03377	Frame Bushing	4
M03245	Spring Bushing	4
M03274	Exhaust Hanger	1

Bill Of Material		
Part No.	Description	Qty.
S10462	Shackle	2
S10233	18mm-2.5 x 150mm Bolt	2
S10204	18mm-2.5 Nut	4
S10762	M10-1.25X 50mm Stud	6
S10518	10mm Nylock Nut	6
S10231	18mm-2.5 x 110mm Bolt	2
P01055	Cable Tie	4
P10027	Grease Pack	2



INSTALLATION INSTRUCTIONS FRONT

1. Read complete instructions before beginning installation, the following special tools are recommended: Coil spring compressor, floor jack, ball joint separator, jack stands, bench vise, and metric hand tools.
2. Jack the vehicle in the center of the front cross member.
3. Support the vehicle by placing jack stands on the frame cross member so that the front tire/wheels are off the ground.
4. Remove the front tires/wheels.
5. Disconnect the sway bar end links and remove the upper ball joint cotter pin and nut.
6. Separate the upper ball joint from the spindle. (Using ball joint separator or a suitable tool, be careful NOT to damage the ball joint boot)
7. Remove upper strut tower nuts holding strut assembly to strut tower (3) on each side of vehicle.
8. Remove the lower strut bolt from the lower control arm and remove the strut assembly from the vehicle. (Note the direction of the bolt for reinstallation)
9. Compress the coil spring on the strut assembly with a suitable coil spring compressor so that the coil spring has about 3/8" play in the strut and remove the upper strut isolator mount nut.
10. Remove the compressed coil spring assembly and dust boot from the strut.
11. Install the supplied strut boot onto the lower factory stem cushion washer. (optional)
12. Remove the coil spring isolator from the upper strut mounting plate.
13. Replace the upper strut mounting plate studs with the supplied 10mm longer studs S10762 with a bench vise and a deep well socket. (3 on each side)
14. Install the supplied coil spring isolator M03272 to the upper strut mounting plate.
15. Reinstall the compressed coil spring onto the strut assembly and re-attach the upper strut mount plate using the stock hardware. See diagram. Torque upper strut mounting plate nut to 18 foot-pounds.
16. Decompress the coil spring in the strut assembly. Make sure that the spring is seated correctly into the strut assembly alignment indentation at the bottom of the strut and the top isolator.
17. Slide the coil spring spacer M03271 onto the top of the strut assembly over the 10mm studs.
18. Install the strut assembly into the strut tower and start the upper three 10mm lock nuts S10518. (Make sure that the bottom of the strut is aligned as well)
19. Install the lower strut bolt in the original position and torque to 100 foot-pounds. (Step 8)
20. Using the floor jack, raise the lower control arm and connect the upper ball joint on the upper control arm to the spindle. Torque nut to 80 ft lbs. and make sure that you replace the cotter pin. (Not supplied)
21. Install the supplied sway bar end link bushings M02233.
22. Remove and replace the bump-stops with a pair of Channellocks. (optional)
23. Install the front tires/wheels.
24. Lower the vehicle onto the ground and tighten the upper strut tower 10mm nuts S10518. Torque to 25 foot-pounds. (3 on each side)
25. RETORQUE ALL BOLTS AFTER 500 MILES.





CAUTION: BEFORE BEGINNING INSTALLATION. READ INSTRUCTIONS CAREFULLY AND COMPLETELY.

1. Park vehicle on a level work area and set emergency brake. Block front tires and lift the rear of the vehicle until the wheels clear the ground approximately 3". Place jack stands under frame rail behind inner spring perch. Lower vehicle onto jack stands with axle supported by floor jack.
2. Carefully remove upper and lower spring shackle mounting hardware and left and right shackle plates. Lower axle carefully until wheels touch the ground.
3. Carefully remove the existing rubber and metal outer shell. The spring eyes have a rubber bushing that is molded into an outer shell. This needs to be removed and it may take force to remove it. It is recommended that you have an experienced mechanic perform this operation.
4. Clean the I.D. of the spring eye and the frame with a wire brush or sand paper. Install the new bushings into the frame and the spring eye.
5. Install the new shackle onto the frame with the small opening first. Insert the 5" bolt and start the nut. Carefully raise the axle so that the large opening of the shackle lines up with the spring eye. Insert the 6" bolt and tighten nuts 35 ft lbs.
6. Generously grease the Zerk fittings with Daystar Lubrathane Poly Lube or Teflon based grease. **DO NOT USE OIL BASED GREASE!**
7. Raise the vehicle and remove the jack stands. **RE-TORQUE THE SHACKLE BOLTS AFTER 500 MILES.**
8. Remove the rear rubber exhaust hanger and lower the exhaust bracket down 1 hole. Some trimming may be required. Install the supplied new exhaust hanger. This is so that the exhaust won't rub on the bottom of the rear leaf spring.

WARNING

This vehicle has been modified to enhance its performance. The steering, braking and handling of this vehicle will differ from standard passenger cars and trucks, This vehicle handles differently from an ordinary vehicle in driving conditions which may occur on streets, highways and off road. Avoid unnecessary abrupt maneuvers, sudden stops, sharp turns and other driving conditions that could cause loss of control, possibly leading to a roll over or other accident that could result in serious injury or death to driver and passengers. If larger tires are installed the speedometer will read lower than the vehicles actual speed.

DRIVE WITH CARE, REDUCE SPEED AND WEAR SEAT BELTS AT ALL TIMES.

This kit should be installed by a professional mechanic

