

Bill Of Material		
Part No.	Description	Qty.
TPS3271F	Coil Spring Spacer	2
TPS3273F	Coil Spring Isolator	2
DB2104	Sway Bar Bushing	2
SBB3282	Sway Bar Bushing	2
SH-TC25	Shackle	2
DDB2277	Frame Bushing	4
SSB3245	Spring Bushing	4
SLW10	Spring Washer	6
SC2233	End Link Bushing	4
SC2567	Stem Cushion	4

Bill Of Material		
BS3112	Bump Stop	4
EXH3274	Exhaust Hangar	1
TRB10-S	Tie Rod Boot	2
18x150MMBG5	18x150Met.Bolt/8.8G5	2
18x110MMBG5	18x110Met.Bolt/8.8G5	2
18MMN	18mm Nut	4
10MMx50MMB	10x50Met.Bolt/10.9	6
10MMN	10mm Nut	6
B10RS	Shock/Strut Boot	2
BTIE	Cable Tie	4
GP2	Grease Pack, 2oz.	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, 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)
7. Remove upper strut nuts on the strut tower (3) on each side of vehicle that holds strut assembly to the frame mount.
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 and remove the upper strut isolator mount nut.
10. Remove the compressed coil spring assembly from the strut and install the strut boot.
11. Remove the coil spring isolator from the strut mounting plate.
12. Remove the 3 pressed in studs on the upper strut isolator mount and install the supplied 10mm bolts without nuts.
13. Install the supplied coil spring isolator to the upper strut mounting plate.
14. Reinstall the compressed coil spring onto the strut assembly and re-attach the upper strut mount plate using the new strut stem cushions and the stock hardware.
15. Decompress the coil spring in the strut assembly. Make sure that the spring is seated correctly into the strut assembly alignment indentation.
16. Slide the coil spring spacer onto the strut assembly over the 10mm bolts.
17. Install the strut assembly into the strut tower and start the upper three 10mm nuts with spring washers. (Make sure that the bottom of the strut is aligned as well)
18. Install the lower strut bolt in the original position that it was removed. (Step 8)
19. Using the floor jack, raise the lower control arm and connect the upper ball joint on the upper control arm to the spindle. Make sure that you replace the cotter pin. (Not supplied)
20. Install the sway bar bushings that fit your sway bar and replace the sway bar end link bushings. Note: Included in your kit are 2 different sway bar bushing sizes, find the set that fits your sway bar best.
21. Install the front tires/wheels.
22. Lower the vehicle onto the ground and tighten the upper strut tower nuts. (3 on each side)
23. Torque all bolts to factory specifications. Re-torque all bolts after 500 miles.



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THE BEAR OF SUSPENSIONS



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. Generously grease the bushings with 2oz. Lubrathane Poly Lube or Teflon based grease.
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 to factory specifications.
6. Raise the vehicle and remove the jack stands. Re-torque the shackle bolts after 500 miles.
7. Remove the rear rubber exhaust hangar and lower the exhaust bracket down 1 hole. Install the supplied new exhaust hangar. This is so that the exhaust won't rub on the rear leaf spring. Install new rear shocks at this time.

Final Notes:

- After installation is complete, double check that all nuts and bolts are tight. Check to ensure there is adequate clearance between all rotating, mobile, and fixed members.
- Ensure there is adequate clearance between exhaust and brakelines, fuel lines, fuel tank, floor board, and wiring harnesses. Check steering gear for interference and proper working order. Inspect brakelines for damages and adequate clearance.
- With the vehicle on the floor, cycle steering lock to lock and inspect steering, suspension, driveline and brakeline systems for proper operation, tightness and adequate clearance.
- Have headlights readjusted to proper settings.
- Have a qualified alignment center check and realign to factory specifications.

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