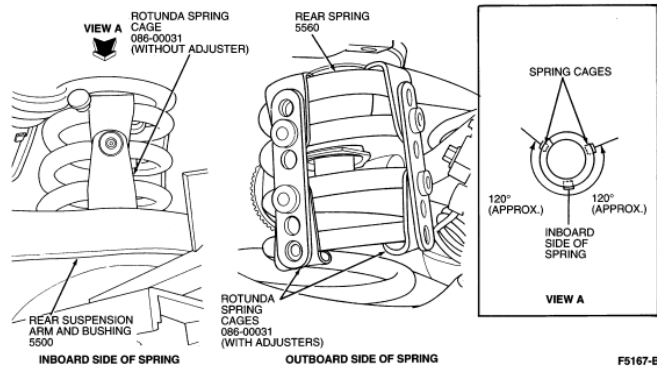
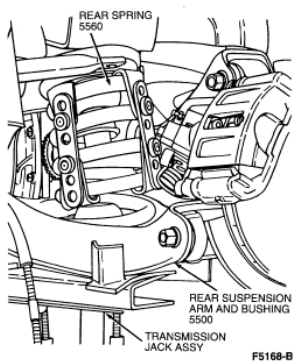


Spring**Removal**

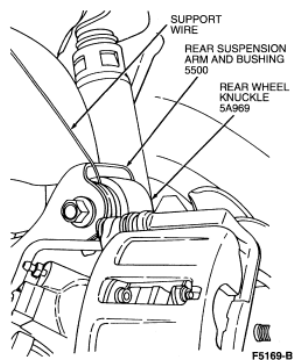
1. Raise vehicle on hoist. Refer to [Section 00-02](#).
2. Remove rear wheel and tire assembly.
3. Remove rear stabilizer bar link and bushing link nuts at both ends of rear stabilizer bar (5A772) . Rotate bar up and out of the way.
4. Disconnect parking brake rear cable and conduit (2A635) at rear disc brake caliper (2553) .
5. Install three Rotunda Spring Cages 086-00031 or equivalent to rear spring as follows:
 - a. Install one spring cage without an adjuster link to the inboard side (the innermost "bend" of the rear spring (5560)).
 - b. Install two more spring cages, with adjusters, at 120 degree angles to the previously installed cage.

Spring, Rear

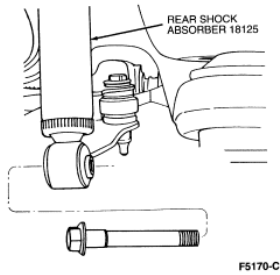
6. Place a transmission jack or suitable stand under the rear suspension arm and bushing (5500) as far outboard as possible.



7. Support the rear wheel knuckle (5A969) assembly by wiring the rear suspension arm and bushing to the body.



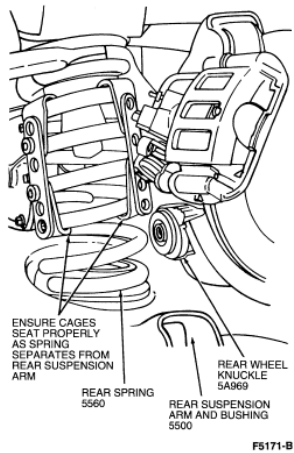
8. Remove lower rear shock absorber mounting bolt, washer and nut.



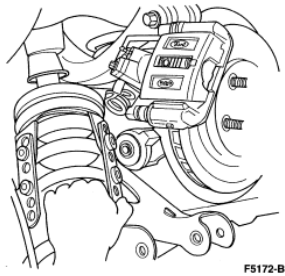
9. **NOTE: Rear suspension arm and bushing must not be lowered until pivot bolts are loose. Do not attempt to remove plastic cap on front pivot nut.**

Loosen both inboard pivot bolts on rear suspension arm and bushing .

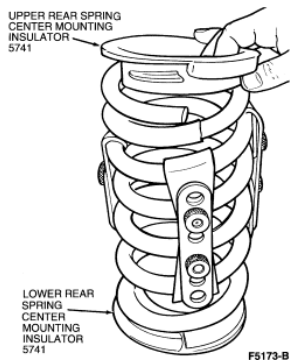
10. Remove two bolts and nuts retaining rear suspension arm and bushing to rear wheel knuckle .
11. Lower the rear suspension arm and bushing by lowering jack. Ensure spring cages properly seat on rear spring as rear suspension arm and bushing is dropped.



12. Remove jack, lower rear suspension arm and bushing down fully by hand and remove rear spring with cages in place.



13. Remove rear spring center mounting insulators (5741) , if necessary.



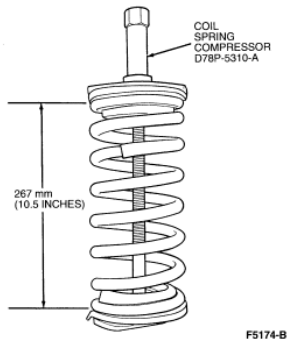
14. If spring cages are to be removed for installation on rear spring , use Coil Spring Compressor D78P-5310-A or equivalent to compress rear spring and remove cages. Rear spring center mounting insulator should be installed on rear spring before installing rear spring in tool to prevent slipping of plates.

Installation

1. **NOTE: Compress rear spring with rear spring center mounting insulators installed to prevent plates from slipping.**

If a new rear spring is to be installed, it must first be compressed and caged. If original rear spring was removed with Rotunda Spring Cages 086-00031 or equivalent, duplicate the positions of the cages on the new rear spring . Install cages by first compressing rear spring in Coil Spring Compressor D78P-5310-A or equivalent.

2. If original rear spring was broken, compress new rear spring in Coil Spring Compressor D78P-5310-A or equivalent and install three spring cages in positions shown under Removal, Step 5. If original length of rear spring is not known, such as when replacing a broken rear spring , compress rear spring to approximately 267 mm (10.5 inches) overall length (not including rubber rear spring center mounting insulators).



3. Install rear spring center mounting insulators , if removed.
4. **NOTE: Short cage (without adjuster) must be inboard. Spring pigtails may be in any position.**
Install rear spring , with cages in place, onto upper and rear suspension arm and bushings .
5. Position two jackstands under front bumper reinforcement to prevent rear of vehicle from lifting off hoist.
6. Position jack under rear suspension arm and bushing and raise rear suspension arm and bushing up to rear wheel knuckle bores. Ensure spring seats properly. Install bolts and nuts retaining rear suspension arm and bushing to rear wheel knuckle and tighten bolts to 149-201 Nm (110-148 lb-ft).
7. Remove wire supporting rear wheel knuckle , rear disc brake caliper (2552) and rear suspension arm and bushing .
8. Install lower shock absorber mount bolt washer and nut. While holding bolt, tighten nut to 113-153 Nm (83-113 lb-ft).
9. Remove jack and jackstands.
10. Remove spring cages.
11. Connect parking brake rear cable and conduit at rear disc brake caliper.
12. Install rear stabilizer bar link and bushing (5C488) and retaining nuts at both ends of rear stabilizer bar .
13. Install rear wheel and tire assembly.
14. Lower vehicle.
15. Drive vehicle onto alignment rack.
16. Set rear suspension arm adjusting cam kit (5K751) to mark made at time of removal.
17. Tighten front rear suspension arm and bushing-to-rear subframe nut to 225-275 Nm (166-202 lb-ft). Tighten rear lower rear suspension arm and bushing-to-subframe nut to 192-259 Nm (142-191 lb-ft).
18. Check rear wheel toe setting and adjust as necessary.