

centerline products

FRONT SPRING INSTALLATION 105 AND 115 CHASSIS

CAUTION: Springs are under high tension and can cause injury if they fly out of position. Using the factory tool is the best, and safest way to change front springs. These instructions are meant to supplement a workshop manual.

1. Jack car up high enough to allow front spring removal by dropping the spring down through the "A" arm. Height will need to be about 30" off the ground. Support car securely on jack stands.
2. The front springs are supported by spring pans bolted to the lower "A" arm. By lowering the pan down, the springs will follow. The best solution is the Alfa Romeo factory tool. If one is not available:
3. Obtain 3/8" or 8MM diameter threaded rod (all-thread) and 6 matching nuts from your local hardware store, enough to make 2 lengths 12" long. Disconnect front sway bar. Remove one bolt that secures the spring pan to the lower "A" arm. Replace that bolt with one length of all-thread, using the all-thread as a bolt. Run one nut approximately 3" down one end of your all-thread length. Insert that end up through your bolthole in the pan and "A" arm. Double nut the length of all-thread rising above the "A" arm, securely bolting the pan to the "A" arm.
4. Repeat the above procedure on the bolt diagonally opposite from the first piece of all-thread. Now the pan is securely supported by the two pieces of all-thread and two original bolts.
5. Remove the other two original bolts.
6. Now you can lower the pan by backing off of the lower nuts, a little on each nut at a time. This will lower the pan and slowly release tension on the spring until the spring can be removed from the car.
7. Inspect lower "A" arm bushings and both upper and lower ball joints. This is a good time to repair any worn parts.
8. Re-install the spring by reversing the above procedure.

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