



3.1.20 SUPERCHARGER AND AIR CONDITIONING COMPRESSOR DRIVE PULLEY, RENEW (4,0L SC)

SRO 18.50.14

3.1

- Raise the vehicle on a ramp.
- Remove the supercharger drive belt; see Section 3.1.14.
- Slacken the air conditioning compressor tensioner pulley securing bolt.
- Slacken the compressor tensioner pulley adjusting bolt (2 Fig. 1) (clockwise, looking on the bolt head) to release the belt tension.

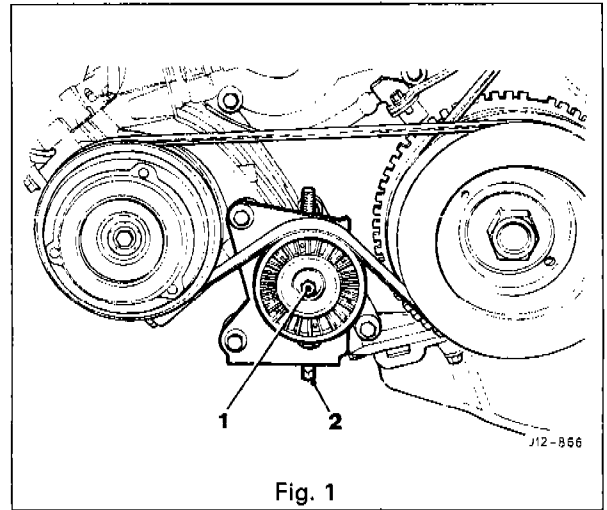


Fig. 1

- Remove the bolts (6 Fig. 2) securing the supercharger / compressor pulley to the crankshaft damper.
- Remove the pulley from the damper and discard it.
- Clean all mating surfaces. Fit and align a new supercharger / compressor pulley to the damper.

Note: Ensure that the compressor drive belt passes over the pulley.

- Fit and tighten the bolts securing the pulley to the damper.
- Fit the compressor drive belt making sure that it is correctly aligned with the pulleys.
- Tighten the compressor tensioner pulley adjusting bolt to obtain the correct tension. See Service Data in the AJ16 Engine Service Manual.
- Tighten the tensioner pulley securing bolt.
- Fit the supercharger drive belt; see Section 3.1.14.
- Lower the vehicle on the ramp.

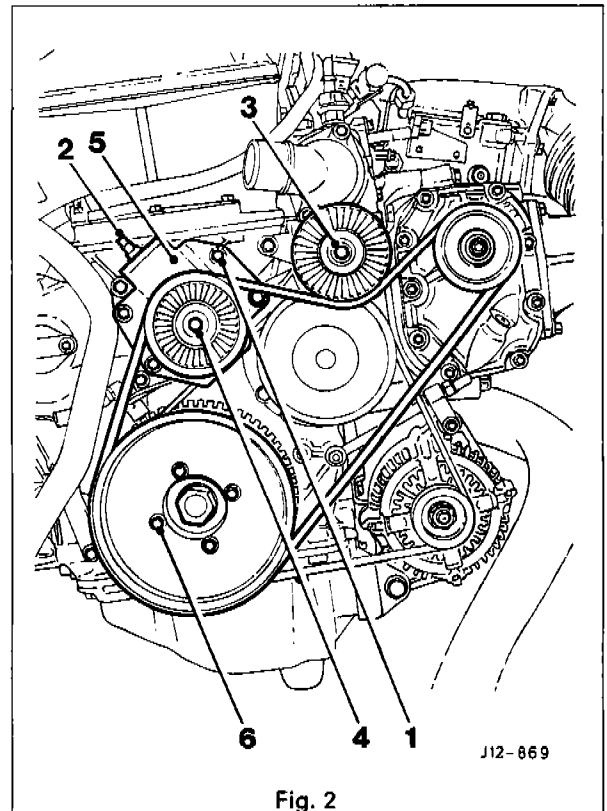


Fig. 2