



ADJUSTMENT

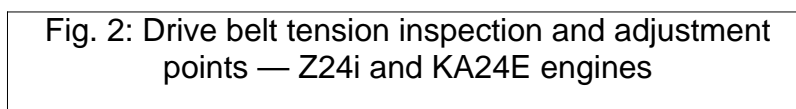
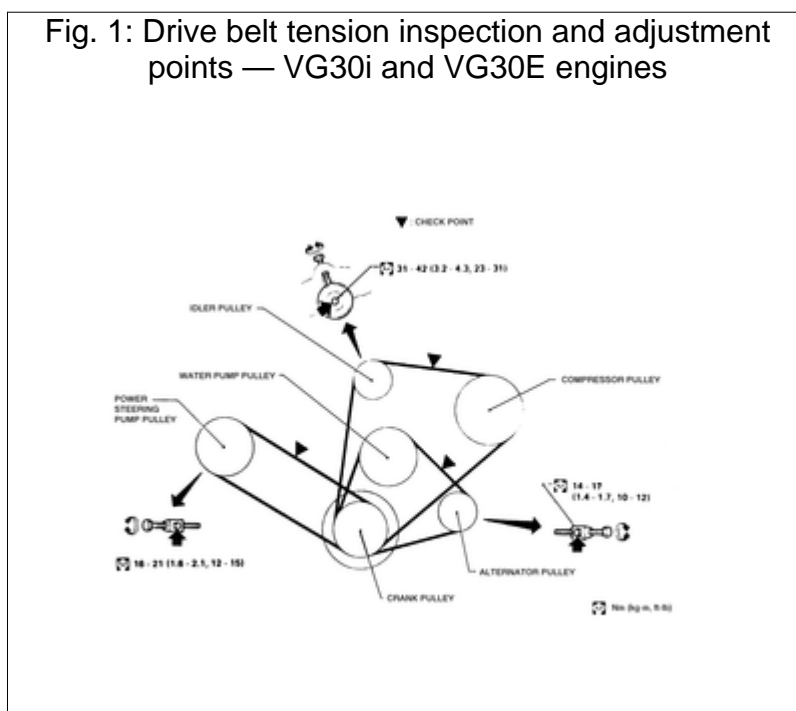
Alternator Belt

Z24i ENGINE

1. Loosen the pivot and mounting bolts on the alternator.
2. Using a wooden hammer handle or broomstick (or even your hand if you're strong enough), move the alternator one way or the other until the tension is within acceptable limits.

NOTE: Never use a screwdriver or any other metal device, such as a prybar, as a lever when adjusting the alternator belt tension!

3. Tighten the mounting bolts securely. If a new belt has been installed, always recheck the tension after a few hundred miles of driving.



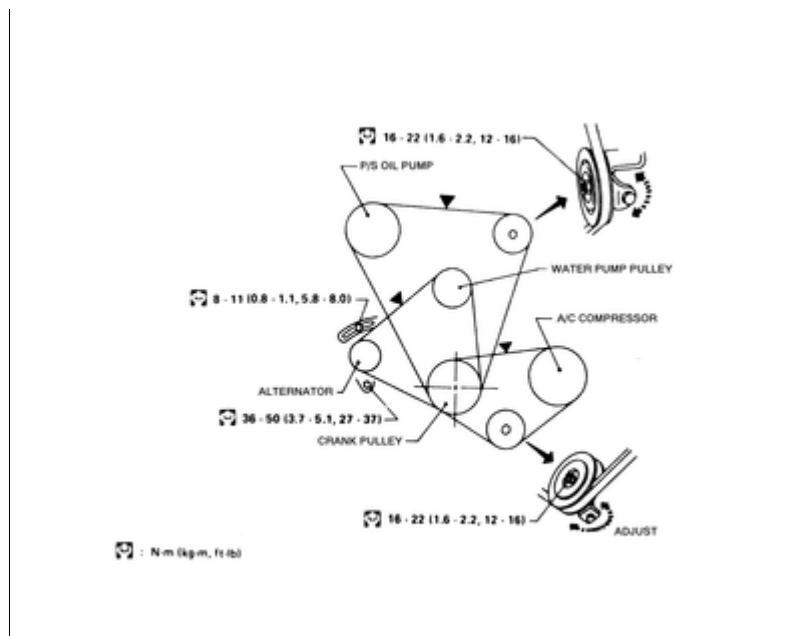
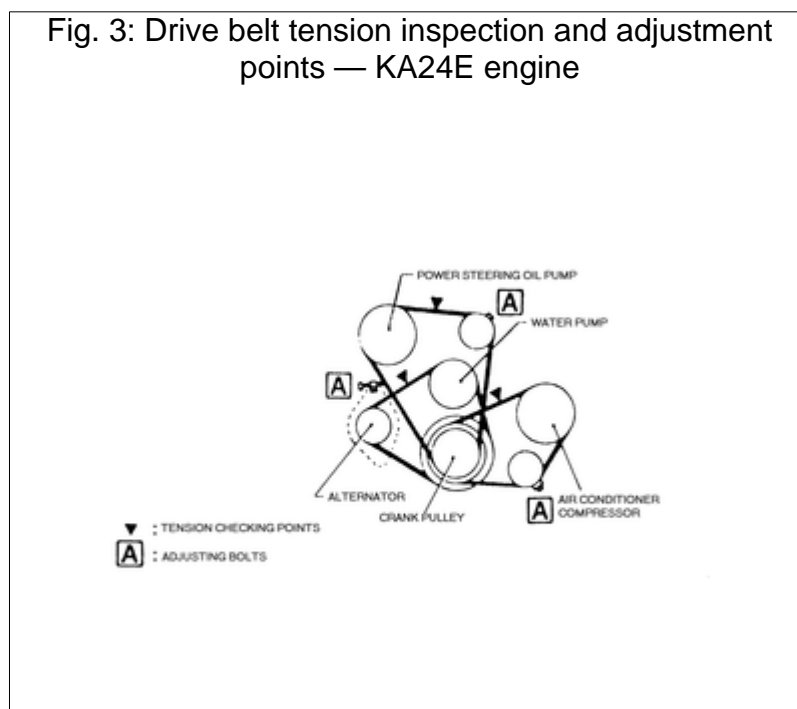


Fig. 3: Drive belt tension inspection and adjustment points — KA24E engine



VG30i, KA24E AND VG30E ENGINES

Alternator belt tension is adjusted on these engines by means of a tension adjusting bolt.

1. Loosen the alternator pivot bolt, then turn the adjusting bolt until proper tension is achieved.
2. Tighten the mounting bolts securely. If a new belt has been installed, always recheck the tension after a few hundred miles of driving.

Fig. 4: On some vehicles it is easier to access a component from underneath the truck



Fig. 5: Loosen the alternator pivot bolt with a box wrench or a ratchet and socket

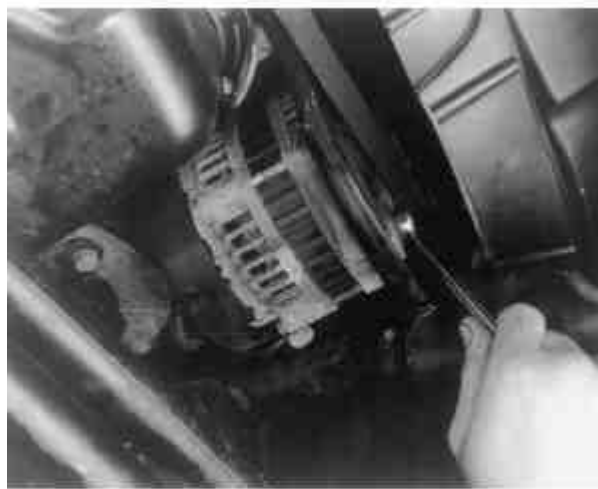
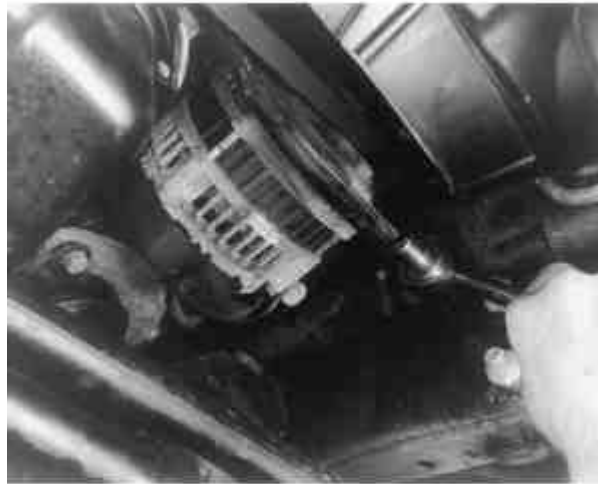


Fig. 6: Use the adjusting bolt to vary tension on the belt



A/C Compressor Belt

Tension on the air conditioning compressor belt is adjusted by means of an idler pulley.

1. Loosen the lock-nut, then turn the adjusting bolt on the idler pulley until the desired tension is achieved.
2. Tighten the idler pulley lock-nut. If a new belt has been installed, always recheck the tension after a few hundred miles of driving.

Fig. 7: Loosen the lock-nut on the idler pulley before adjusting the belt



Fig. 8: Turn the adjusting bolt until the correct belt tension is achieved



Power Steering Pump

Z24i AND KA24E ENGINES

Tension on the power steering pump belt is adjusted by means of an idler pulley.

1. Loosen the lock-nut, then turn the adjusting bolt on the idler pulley until the desired tension is achieved.
2. Tighten the idler pulley lock-nut. If a new belt has been installed, always recheck the tension after a few hundred miles of driving.

VG30i AND VG30E ENGINES

Power steering pump belt tension is adjusted on these engines by means of a tension adjusting bolt.

1. Loosen the power steering pump pivot bolt, then turn the tension adjusting bolt until proper tension is achieved.
2. Tighten the mounting bolts securely. If a new belt has been installed, always recheck the tension after a few hundred miles of driving.

