

**Introduction**

An improved Alternator Belt Adjusting Bar and A/C Compressor Magnetic Clutch Rotor Sub-assembly are being made available to eliminate Compressor Knocking Noise at idle.

**Affected Vehicles**

- **1994 through 1996 Model Year 4 Cylinder Camrys** built from **August 1993 to July 1996.**

**Part Number Information**

PREVIOUS PART NUMBER	NEW PART NUMBER	PART NAME
12514-74011 (TMC) 12514-03020 (NAP)	12514-74012 (8/93-7/95 Prod.)	Bar, Alternator Belt Adjusting
12514-74050 (TMC) 12514-03030 (NAP)	12514-74051 (8/95-7/96 Prod.)	Bar, Alternator Belt Adjusting
88412-33050 (TMC) 88412-2B030 (NAP)	88412-33060	Rotor Sub-assembly, Magnet Clutch

**Repair Procedure**

Ensure that the A/C system high & low side refrigerant pressures are normal before proceeding with the following repair procedure.

**NOTE:**

**For abnormal system pressures, use the diagnostic procedure given in the Repair Manual to determine the problem.**

1. Remove the A/C Compressor.
2. Replace the Alternator Adjusting Bar with the new part number.
3. Replace the Magnetic Clutch Rotor with the new part number.
4. Adjust the clearance between the pressure plate and rotor from 0.35 to 0.60 mm (from 0.014 to 0.024 inch).

**NOTE:**

**Use shims to adjust the clearance according to Repair Manual.**

5. Install the A/C Compressor.
6. Adjust the drive belt tension to 121 ft. lbs. otherwise the condition may persist.