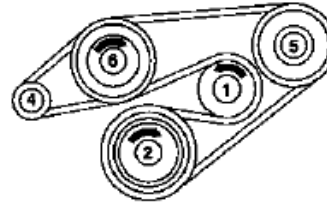


2005 Mercedes-Benz C240 4Matic

2001-2006 HVAC Air Compressor, Belt Drives - 203 Chassis

- 1 Tensioning pulley
- 2 Crankshaft
- 4 Alternator
- 5 Power steering pump
- 6 Coolant pump

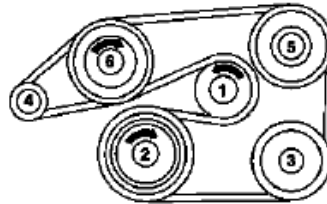


P13.22-0211-01

Fig. 15: Poly V-Belt Running Diagram - 6-Groove Single Belt Drive, Without AC Compressor

6-groove single-belt drive, with AC compressor

- 1 Tensioning pulley
- 2 Crankshaft
- 3 AC compressor
- 4 Alternator
- 5 Power steering pump
- 6 Coolant pump



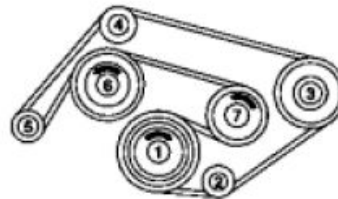
P13.22-0213-01

Fig. 16: Poly V-Belt Running Diagram - 6-Groove Single Belt Drive, With AC Compressor

RUNNING DIAGRAM OF POLY V-BELT - AR13.22-P-3902-02B

6-groove single-belt drive, without AC compressor

- 1 Crankshaft
- 2 Guide pulley 2
- 3 Power steering pump
- 4 Guide pulley 1
- 5 Generator
- 6 Coolant pump and fan
- 7 Tension pulley



P13.22-0233-01

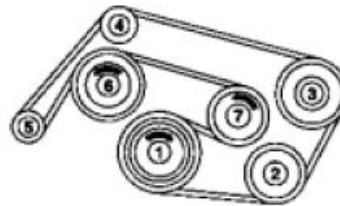
Fig. 17: Running Diagram Of Poly V-Belt (6-Groove Single-Belt Drive, Without AC Compressor)

6-groove single-belt drive, with AC compressor

2005 Mercedes-Benz C240 4Matic

2001-2006 HVAC Air Compressor, Belt Drives - 203 Chassis

- 1 Crankshaft
- 2 AC compressor
- 3 Power steering pump
- 4 Guide pulley 1
- 5 Generator
- 6 Coolant pump and fan
- 7 Tension pulley



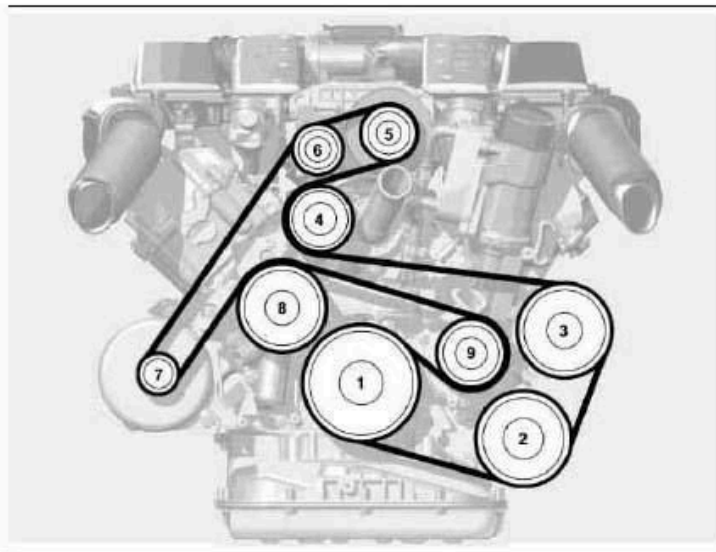
P13.22-0234-01

Fig. 18: Running Diagram Of Poly V-Belt (6-Groove Single-Belt Drive, With AC Compressor)

RUNNING DIAGRAM OF POLY V-BELT - AR13.22-P-3902-02BK

8-groove poly V-belt

- 1 Crankshaft
- 2 AC compressor
- 3 Power steering pump
- 4 Guide pulley
- 5 Electromagnetic clutch
- 6 Guide pulley
- 7 Generator
- 8 Coolant pump
- 9 Tensioning pulley



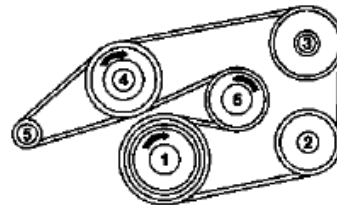
P13.22-2028-06

Fig. 19: Running Diagram Of Poly V-Belt (8-Groove Poly V-Belt)

RUNNING DIAGRAM OF POLY V-BELT - AR13.22-P-3902-02PR

Engine 111.951 with AC compressor

- 1 Crankshaft
- 2 AC compressor
- 3 Power steering pump
- 4 Coolant pump
- 5 Generator
- 6 Tensioning pulley



P13.22-2020-01

Fig. 20: Running Diagram Of Poly V-Belt (Engine 111.951 With AC Compressor)

2005 Mercedes-Benz C240 4Matic

2001-2006 HVAC Air Compressor, Belt Drives - 203 Chassis

Engine 111.955 with AC compressor

(Running diagram of basic drive)

- 1 Crankshaft
- 2 Tensioning pulley
- 3 Coolant pump
- 4 Power steering pump
- 5 Refrigerant compressor



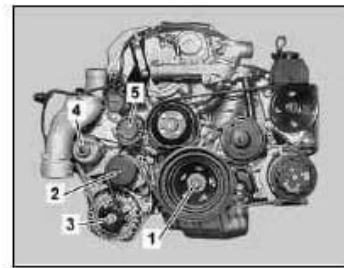
P13.21-2006-01

Fig. 21: Running Diagram Of Poly V-Belt (Engine 111.955 With AC Compressor)

Engine 111.955 with AC compressor

(Running diagram of basic drive)

- 1 Crankshaft
- 2 Tensioning pulley
- 3 Generator
- 4 Compressor
- 5 Guide pulley



P13.21-2007-01

Fig. 22: Running Diagram Of Poly V-Belt (Engine 111.955 With AC Compressor)

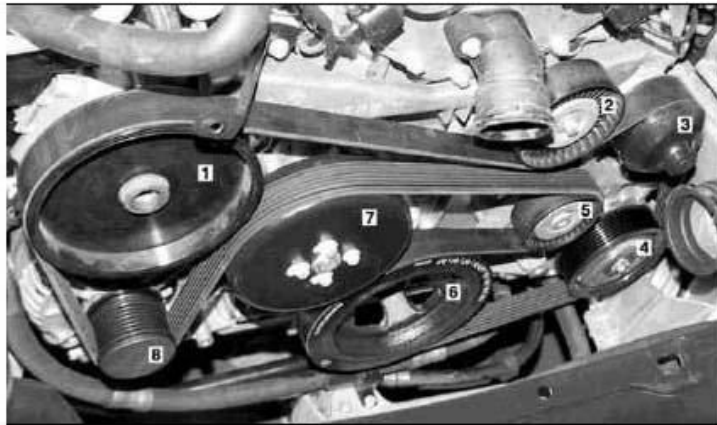
RUNNING DIAGRAM OF POLY V-BELT - AR13.22-P-3902-02QP

Shown on engine 271.940 with refrigerant compressor

2005 Mercedes-Benz C240 4Matic

2001-2006 HVAC Air Compressor, Belt Drives - 203 Chassis

- 1 Power steering pump belt pulley
- 2 Guide pulley
- 3 Compressor belt pulley
- 4 Belt pulley on refrigerant compressor
- 5 Tensioning pulley
- 6 Belt pulley of vibration damper
- 7 Coolant pump belt pulley
- 8 Generator belt pulley



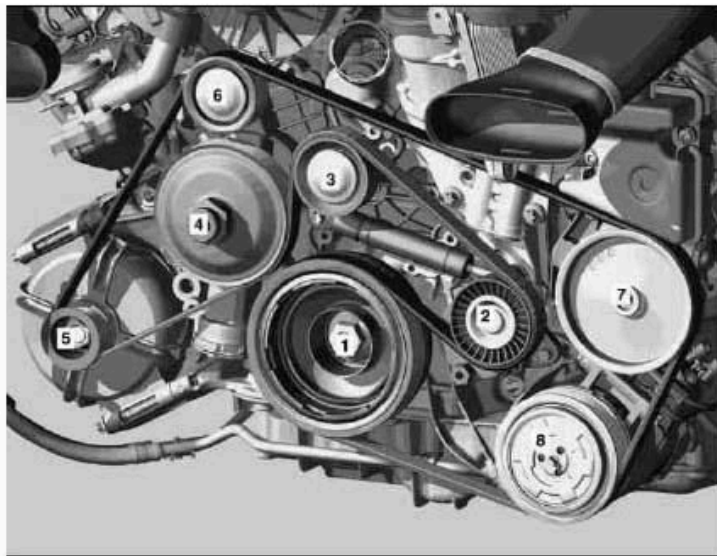
P13.22-2051-05

Fig. 23: Running Diagram Of Poly V-Belt (Shown On Engine 271.940 With Refrigerant Compressor)

ROUTING DIAGRAM OF POLY V-BELT - AR13.22-P-3902-02VA

Shown on engine 272.963

- 1 Belt pulley/vibration damper
- 2 Tensioning pulley
- 3 Pulley
- 4 Coolant pump belt pulley
- 5 Generator belt pulley
- 6 Pulley
- 7 Power steering pump belt pulley
- 8 Belt pulley on refrigerant compressor



P13.22-2083-06

Fig. 24: Routing Diagram Of Poly V-Belt (Shown On Engine 272.963)

REMOVE/INSTALL POLY V-BELT TENSIONING DEVICE - AR13.25-P-3200BA

ENGINE 112 in MODELS 170, 202, 203, 208.365 /465, 209, 210, 220

ENGINE 113 in MODEL 203, 209, 220

ENGINE 113.981 in MODEL 163.174

2005 Mercedes-Benz C240 4Matic

2001-2006 HVAC Air Compressor, Belt Drives - 203 Chassis

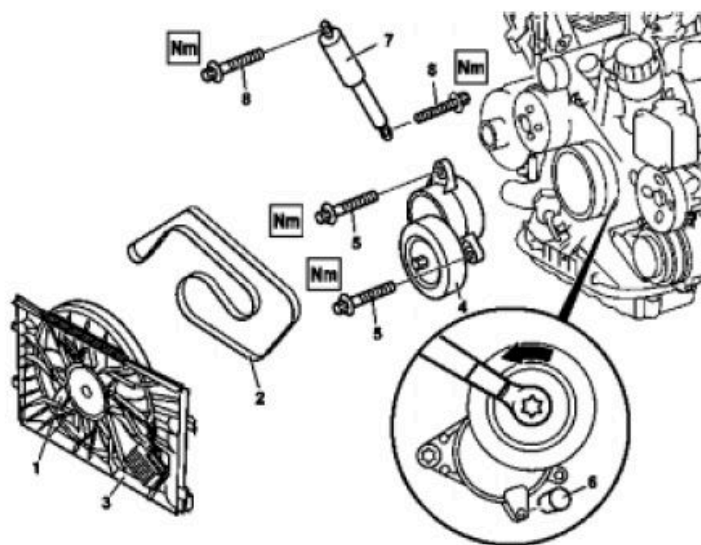
ENGINE 113.987 in MODEL 209.376

ENGINE 113.965 in MODEL 163.175

ENGINE 113.989 in MODEL 171.473

Shown on engine 112

- 1 Electric fan
- 2 Poly-V-belt
- 3 Fan shroud
- 4 Tensioning device
- 5 Bolts of tensioning device
- 6 Drift or pin
- 7 Shock absorber
- 8 Bolts of shock absorber



P13.25-2008-06

Fig. 25: Identifying Poly-V Belt Tensioning Device Remove/Install Components - Shown On Engine 112

☒ ☒	Remove/install		
☑	Risk of death caused by vehicle slipping or toppling off of the lifting platform.	Align vehicle between the columns of the and position the four support plates below the lifting platform support points specified by the vehicle manufacturer.	AS00.00-Z-0010-01A
1.1	Remove fan shroud (3)	Model 220	AR20.40-P-6800AB
2.1	Remove electric fan (1)	Model 170 Model 163.174/175 Model 209, 203 except model 203.076/276 Model 203.076/276	AR20.40-P-5000SV AR20.40-P-5000GH AR20.40-P-5000PV AR20.40-P-5000AC
3	Remove poly V-belt (2)	Model 163.174/175 Model 202, 208, 210 Model 220 except 220.074/174 Model 220.074/174	AR13.22-P-1202BA AR13.22-P-1202R