Technical Bulletin

	Model	Group
	928S/S4/GT	1

Subject: Camshaft Belt Tension Indicator Lamp Troubleshooting	Part Identifier	Number
	1524	9010

PORSCHE CARS NORTH AMERICA INC.

ATTENTION: Service Manager/Service Technician

Models Affected: *928S, 928 S4, 928 GT from Model Year 1985 (F).*
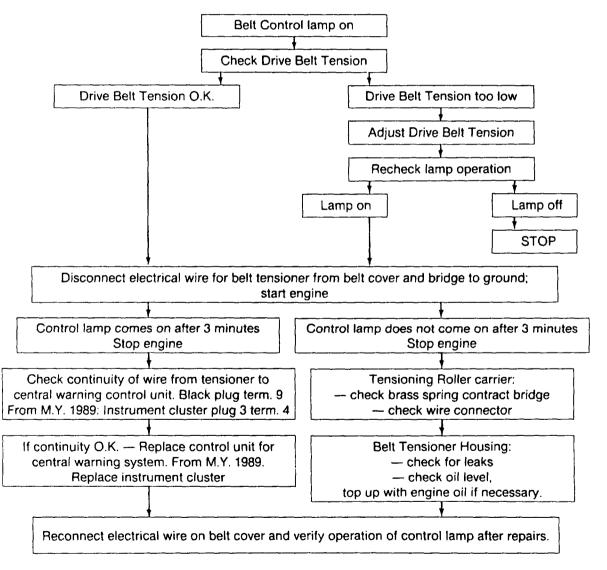
This troubleshooting guide should be used if the belt tension indicator light comes on during normal operation.

Important: To properly check belt light function, the engine has to be running for approximately 3 minutes after a cold start.

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                    ┌─────────────────────────┐
                    │   Belt Control lamp on  │
                    └─────────────────────────┘
                                 ↓
                    ┌─────────────────────────┐
                    │  Check Drive Belt Tension│
                    └─────────────────────────┘
                        ↓                    ↓
          ┌──────────────────────┐  ┌──────────────────────────┐
          │ Drive Belt Tension O.K.│ │ Drive Belt Tension too low│
          └──────────────────────┘  └──────────────────────────┘
                                              ↓
                                   ┌──────────────────────────┐
                                   │  Adjust Drive Belt Tension│
                                   └──────────────────────────┘
                                              ↓
                                   ┌──────────────────────────┐
                                   │   Recheck lamp operation │
                                   └──────────────────────────┘
                                       ↓              ↓
                               ┌──────────┐    ┌──────────┐
                               │ Lamp on  │    │ Lamp off │
                               └──────────┘    └──────────┘
                                                     ↓
                                               ┌──────────┐
                                               │   STOP   │
                                               └──────────┘
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Disconnect electrical wire for belt tensioner from belt cover and bridge to ground; start engine

Control lamp comes on after 3 minutes Stop engine	Control lamp does not come on after 3 minutes Stop engine
Check continuity of wire from tensioner to central warning control unit. Black plug term. 9 From M.Y. 1989: Instrument cluster plug 3 term. 4	Tensioning Roller carrier: — check brass spring contract bridge — check wire connector
If continuity O.K. — Replace control unit for central warning system. From M.Y. 1989. Replace instrument cluster	Belt Tensioner Housing: — check for leaks — check oil level, top up with engine oil if necessary.

Reconnect electrical wire on belt cover and verify operation of control lamp after repairs.

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