



TECH TIPS

Dixie Part Numbers: S-8479 S-8703 S-8710 S-8382
S-8383 S-80022

Applications: 1991 – 1993 Nissan NX (GA16DE)
1991 – 1997 Nissan Sentra (GA16DE)
1993 – 2001 Nissan Altima (KA24DE)
1995 – 1998 Nissan 200SX (GA16DE)

Condition: The operator of the vehicle may complain that the engine turns over normally but is difficult to start or fails to start all together.

Cause: A possible cause for the above condition is an improperly set idle speed and/or ignition timing.

Correction: The table below identifies the proper idle speed for each model. For each automatic transmission listed the gear selector is in the N (Neutral) position. Before checking the idle speed ensure that the engine oil level is correct. An under or overfilled oil level will adversely affect the idle speed.

Application	Year	Engine Code	Transmission	Base Idle (RPM)	Ignition Timing
200SX Sentra	1995 - 1998	GA16DE	Automatic	725±50	8°±2°
			Manual	625±50	8°±2°
NX Sentra	1991 - 1997	GA16DE	Automatic	725±50	10°±2°
			Manual	600±50	10°±2°
Altima	1993 - 2001	KA24DE	Automatic	650±50	20°±2°
			Manual	650±50	20°±2°

Follow the manufacturer's recommended procedures for making adjustments to the idle and/or timing if required.