

Yamaha Error Codes for Apex, Attak, and Apex Mountain models

Code #	Item	Symptom	Fail-Safe Action	Starting Capability	Running Capability
11	Cylinder identification sensor	No normal signals are received from the cylinder identification sensor	Continues to operate the engine based on the results of the cylinder identification that existed up to that point	Unable	Able
12	Crankshaft position sensor	No normal signals are received from the crankshaft position sensor	Stops the engine (by stopping the injection and ignition)	Unable	Unable
13 14	Intake air pressure sensor (open or short circuit) (pipe system)	Intake air pressure sensor-open or short circuit detected. Faulty intake air pressure sensor system	Fixes the intake air pressure to 85.0 kPa.	Able	Able
15 16	Throttle position sensor (open or short circuit) (stuck)	Throttle position sensor-open or short circuit detected	Fixes the throttle position sensor to fully open	Able	Able
20	Intake air pressure Atmospheric pressure	Defective values are detected due to the internal malfunction	Fixes the intake air pressure and atmospheric pressure to 85.0 kPa.	Able	Able
21	Coolant temperature sensor	Coolant temperature sensor-open or short circuit detected	Fixes the coolant temperature to 60° C. After the engine starts, the radiator fan relay will be turned on.	Able	Able
22	Intake temperature sensor	Intake temperature sensor-open or short circuit detected	Fixes the intake temperature to 0° C.	Able	Able
23	Atmospheric pressure sensor (open or short circuit)	Atmospheric pressure sensor-open or short circuit detected	Fixes the atmospheric pressure to 85.0 kPa.	Able	Able
30	Oil pressure dropped	Engine stops when the oil pressure drop is detected	Fuel pump and fuel injection are stopped (main relay is off)	Unable	Unable
33 34 35 36	Faulty ignition	Open circuit detected in the primary lead of the ignition coil	Cut the injection of cylinder in the same group with the cylinder that the error is detected. Example, when the #1 cylinder is defective, cut the injection of #1 and #4 cylinders. Turn on the power to the air induction solenoid to always cut-off the aire	Able (depending on the number of faulty cylinders)	Able (depending on the number of faulty cylinders)

Code #	Item	Symptom	Fail-Safe Action	Starting Capability	Running Capability
42	Speed sensor	No normal signals are received from the speed sensor	Assumes highest ratio	Able	Able
43	Fuel system voltage (monitor voltage)	The ECU is unable to monitor the battery voltage (an open circuit in the line to the ECU)	Fixes the battery voltage to 12 V	Able	Able
44	Error in writing the amount of CO adjustment on the EEPROM	An error is detected while reading or writing on the EEPROM (CO adjustment value)	n/a	Able	Able
46	Vehicle system power supply (monitor voltage)	Power supply to the FI system is not normal	Grip warmer output is off	Able	Able
50	ECU internal malfunction (memory check error)	Faulty ECU memory. When this malfunction is detected, the code number might not appear on the meter	n/a	Unable	Unable
80	Grip warmer switch	Grip warmer switch-short circuit detected	n/a	Able	Able
81	Grip warmer	Grip warmer-open or short circuit detected	n/a	Able	Able
82	Thumb warmer switch	Thumb warmer switch-short circuit detected	n/a	Able	Able
83	Thumb warmer	Thumb warmer-short circuit detected	n/a	Able	Able
84	T.O.R.S.	Detecting conditions for T.O.R.S. are satisfied	n/a	Able	Unable
85	Oil pressure switch	Oil pressure switch-open circuit detected	n/a	Able	Able
-	Start unable warning	Relay is not turned ON even if the crank signal is input while the start switch is turned ON. When the start switch is turned ON while an error is detected with the fault code of number 11, 12, 30, or 50.	Engine trouble warning light flashes when the start switch is turned on	Unable	Unable