



ADVANCE PRODUCT SERVICE INFORMATION

APSI NO: 78
DATE: 08/19/2011
SUBJECT: INTRODUCTION OF QUANTUM® ENGINES MEETING “TIER III” EMISSIONS
MODELS: 625, 675, 725 SERIES QUANTUM ENGINES
DATE CODES: BUILT AFTER DATE CODE 110630xx

Effective July 1, 2011, all production of Quantum engines will meet “Tier III” emissions regulations.

Several components of the engine have been re-designed, such as the cylinder, cylinder head, head bolts, and head gasket, and are not interchangeable with engines built before 110701xx. Other redesigned components such as the piston, rings, breather assembly, and carburetor, may be interchangeable when used in combination with additional parts. See the current Illustrated Parts List for the correct service parts to use.

IMPORTANT: The Tier III engines are equipped with a new-design sparkplug that is set to **.020 in (.51 mm)** gap. This sparkplug is **not** interchangeable with the sparkplug on the previous Quantum engines. To maintain emissions compliance and correct engine performance, use only sparkplug P/N **799876** or equivalent in these engines.

Troubleshooting and component removal/installation procedures are common with most other Briggs & Stratton engines.



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