



Customer Service Bulletin Commercial Business Group

Groundsmaster® 455-D

<u>Model/Serial Range:</u>	<u>Model Number:</u>	<u>Serial Numbers:</u>
	30450/30450TS	70001-70211
	30455/30455TS	70001-70313

Subject: Rough Running Engine and Excessive Smoke

The engines in the units listed above may exhibit symptoms of excessive black/gray smoke and misfire at idle/mid rpm engine speeds. The symptoms may be more pronounced until the engine reaches operating temperature. This condition is not detrimental to the life of the engine, but may be objectionable to operators.

If rough running/excessive smoking engine condition is noticed, inspection and adjustment of the Injection Pump timing may be required. Contact you local Distributor to arrange for an inspection and possible adjustment of the Injection Pump.

Important: An Engine Tune-Up Tool Kit (TOR4035) is required for performing Injection Pump timing adjustments. Do not attempt any adjustments without the proper tools and instructions or damage may result.