



Service Bulletin

Model: UXV and MXU 500/700

Subject: Spark plug fouling

Effective: on condition Time: 10 min

SB# 17002

Date: Jun 2017

Description

Spark plugs can become fouled with constant cold running and low speed driving, such as when moving around showrooms, dairy farm operation or slow spraying operations.

Cause

The spark plug becomes fouled with carbon that bridges the ceramic insulator of the plug. The temperature of combustion is too low to allow the plug to self-clean.

Effect

The vehicle can become hard to start or not start at all. Replacing or cleaning the spark plug fixes the problem for a week or two then it happens again.

Remedy

Replacing the stock spark plug, NGK CR7E with a hotter plug, NGK CR6E, can increase the combustion temperature at low RPM to allow plugs to self-clean. If there is constant low speed work carried out, a 5 minute high RPM run once a week will help to burn off deposits.

Caution

If high RPM operation is planned, such as recreational trail riding, racing or operation in large hill terrain, the NGKCR7E is required. Engine damage may result from running hot plugs at high rpm for long periods.

Please contact STEELFORT Technical department for any further information