



Customer Service Bulletin Commercial Business Group

Groundsmaster[®] 345

<u>Model/Serial Range:</u>	<u>Model Number:</u>	<u>Serial Numbers:</u>
	30789	70101 and Up

Subject: Engine supplier has changed the location of the Oil By-Pass Valve.

The VSG 413/411 engine manufacturer (Ford Power Products) has relocated the Oil By-Pass Valve from the Oil Pump to the Oil Filter. This change requires the use of an Oil Filter that contains a By-Pass Valve.

Replacement Oil Pumps will no longer contain a By-Pass Valve. Therefore, in the event an Oil Pump is replaced an Oil Filter containing a By-Pass Valve will become necessary.

The recommended replacement/service Oil Filters are:

Toro 95- 3304, Motocraft FL- 400A, FL- 400S or FL- 313. All contain a pressure By-Pass Valve.

Ford has approved the use of an Oil Filter containing a By-Pass Valve on an engine containing a By-Pass Valve in the Oil Pump.