

# YANMAR SERVICE NEWS

Subject	Change of FO Valve Opening Pressure, 6EY18(A)LW Engines		No. :14-2-G-07-004-O Date:July 2014
Engine Model	6EY18(A) LW	Use	Marine Aux. Engines
		Engine Nos.	See text

Upon implementing maintenance servicing of the captioned engine in the market, the FO valve opening pressure was re-adjusted to the setup value, 45[MPa], which, however, caused starting failure. We, accordingly, surveyed the case and found that, with the conventional setup pressure upon re-adjustment, the necessary FO flow volume may not be ensured upon starting depending on the combination of the actual valve opening pressure fluctuation range and the rack limit. We, accordingly, changed the valve opening pressure as shown below. Please note that the present change entails no change in the engine performance.

## 1. Outline of Change

	before Change	after Change
Valve Opening Pressure Setup Valve	45±0.5[MPa]	40±0.5[MPa]

## 2. Procedure for Setting Valve Opening Pressure

Upon the future servicing opportunities, adjust the valve opening pressure to 40[MPa] for all 6 cylinders. Upon using the new FO injection valve assembly held in stock by the ship, too, re-adjust the valve opening pressure to 40[MPa].

## 3. Timing of Change for Production Units

The FO valve opening pressure of 6EY18(A)LW engines will be changed to 40MPa from the shipping in August 2014, (Engine Nos. 5949 ~).

<b>YANMAR CO.,LTD.</b> LARGE POWER PRODUCTS OPERATIONS BUSINESS. QUALITY ASSURANCE DIVISION.	Approved	Checked	Prepared
			