

YANMAR SERVICE NEWS

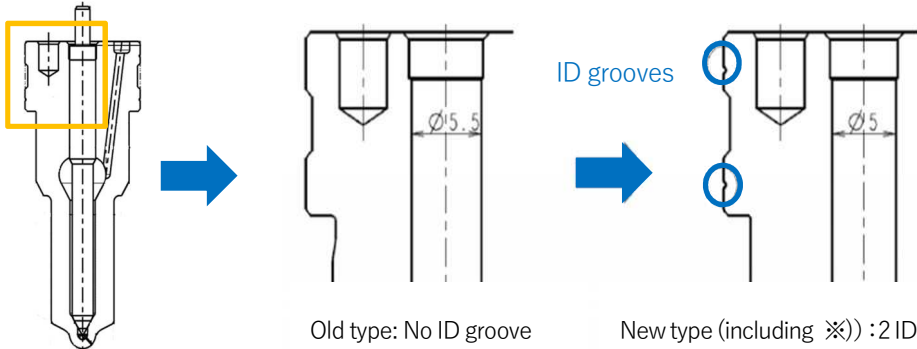
Subject	Fuel Injection Valve Spec. Change	No. : 19-2-G-03-011-O Date: 2020.03
Engine Model	6EY22(A)LW(S)	Use Marine Aux. Engines
		Engine Nos. _____

For the purpose of the long life of fuel injection valve in 6EY22 marine auxiliary engines, fuel injection valve nozzle specifications (nozzle CMP) were changed.
Please note that the valve opening pressure changes in connection with this specification change as follows:

1. Outline of Fuel Injection Valve Change

- Please note that the specification of the nozzle of engine nos. 1714,1907-1909 which engine output are under 1100kWm, but their specification are categorized over 1100kWm as the below table.
- Please note that the specification, even under 1100kWm, differs as to Tier3 Regulation Low Output Range (※) .
- It's possible to use new and old nozzles, at each cylinders but it recommend replacing to the new type one.

Engine Output [kWm] (not generator Output[kWe])	Over 1100kWm And engine nos. 1714, 1907-1909 (exceptions)		Under 1100kWm (Excludes engine nos. 1714, 1907-1909 and ※)		※6EY22(A)LWS 660~800kWm
Specs.	Old type	New type	Old type	New type	Existing (no old type)
Fuel Injection Valve ASSY Part No.	750633-53100	750633-53101	750633-53200	750633-53201	750633-53600
Valve opening press.[MPa]	45	40	45	40	40
Nozzle CMP Part No.	150633-53000	150633-53001	150633-53210	150633-53211	150633-53230
Stem Dia.[mm]	φ5.5	φ5.0	φ5.5	φ5.0	φ5.0
Injection Hole	10-φ0.35×153° 5-φ0.23×90°		10-φ0.34×153° 5-φ0.23×90°		10-φ0.33×153° 5-φ0.25×90°
ID punched	1533510T90235U	1533510T90235W	1533410T90235U	1533410T90235W	1533310T90255W

Identification Groove	 <p>Old type: No ID groove New type (including ※): 2 ID grooves</p>				
--------------------------	--	--	--	--	--

2. Concerning Part Number

Nozzle CMP: Part numbers for old type discontinued. Parts numbers of old type and those of ※ be operated continuously.

3. Arrangement for Production Units

Nozzle CMP : Switching already introduced for engine nos. 2265~.

YANMAR CO.,LTD. POWER SOLUTION BUSINESS LARGE POWER PRODUCTS MANAGEMENT DIVISION. CUSTOMER SERVICE DIVISION.	Approved	Checked	Prepared
	