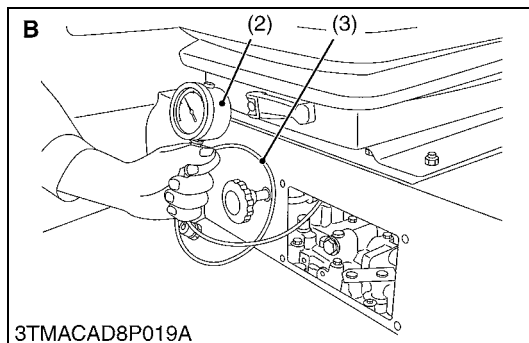
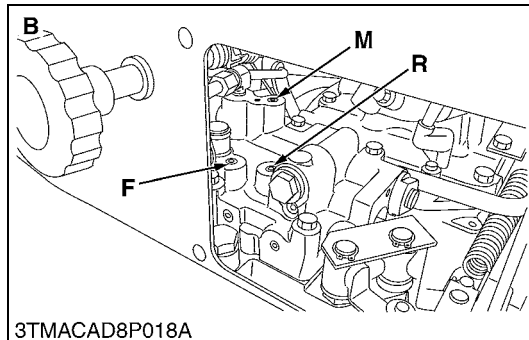
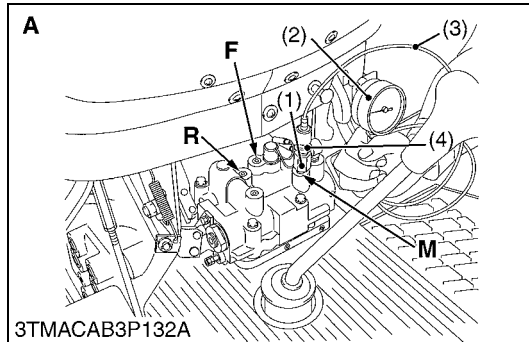


### (3) Checking



#### Checking of Shuttle Valve System Pressure

1. Remove the lower cover.
2. Remove the each plugs of **F**, **R**, **M** and set the adaptor **D** (1), threaded joint (4), cable (3), and pressure gauge (Code No. : 07916-52961) (2).
3. Start the engine and measure the pressure of each port and each shuttle lever position as the pressure table.

#### Condition

- Engine speed..... Approx. 2800 min<sup>-1</sup> (rpm)
- Oil temperature...45 to 55 °C (113 to 131 °F)

Shuttle Lever	Clutch Pedal	F port pressure	R port pressure	M port pressure
Forward	Fully pressed	0	0	2.45 to 2.55 MPa 25.0 to 26.0 kgf/cm <sup>2</sup> 355 to 370 psi
	Free	1.6 to 1.9 MPa 16.3 to 19.4 kgf/cm <sup>2</sup> 232 to 276 psi	0	
Reverse	Fully pressed	0	0	2.45 to 2.55 MPa 25.0 to 26.0 kgf/cm <sup>2</sup> 355 to 370 psi
	Free	0	1.6 to 1.9 MPa 16.3 to 19.4 kgf/cm <sup>2</sup> 232 to 276 psi	
Neutral	—	0	0	0.26 to 0.28 MPa 2.7 to 2.9 kgf/cm <sup>2</sup> 38 to 41 psi

#### NOTE

- Use valve adaptor (see page HG-7) to inspect the port **F** and **R** for the cabin type.
- Pressure gauge is 5 MPa (50 kgf/cm<sup>2</sup>, 700 psi) full scale.
- Apply Three Bond 1324N or equivalent to the plugs **F**, **R** and **M**, when install them.

- (1) Adaptor **D**  
 (2) Pressure Gauge  
 (3) Cable  
 (4) Threaded Joint

Plug **F** : Operation Oil Pressure  
 (For Forward)

Plug **R** : Operation Oil Pressure  
 (For Reverse)

Plug **M** : Operation Oil Pressure  
 (For Modulation Valve)

**A** : ROPS Type

**B** : CABIN Type

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