

**[Reference]:** How to use holding function effectively

The engine speed displayed by the holding function is held on the screen until the holding function is cancelled, regardless of setting and cancellation of the reduced cylinder mode. Accordingly, a defective cylinder can be found out effectively according to the following procedure.

- (1) Run the engine normally (without disabling any cylinder) and hold the engine speed.
- (2) Disable a cylinder to be checked.
- (3) Run the engine under the same condition as the normal operation in step (1) and compare the engine speed at this time with the held engine speed.
- (4) If there is not a difference between the current engine speed and the held engine speed in step (3), cancel the reduced cylinder mode.
- (5) Repeat steps (2) – (4) to check the other cylinders.

**24. Function of no injection cranking [09]**

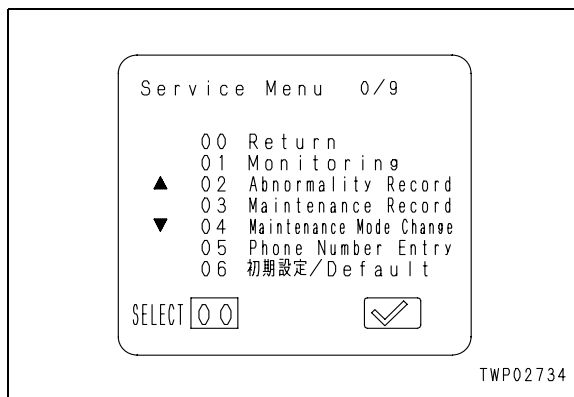
No injection cranking of the engine is available from the machine monitor.

No injection cranking denotes stopping injection of fuel from the injector even if the engine is run from the starting motor. This mode is used, for instance, for measurement of compressive pressure.

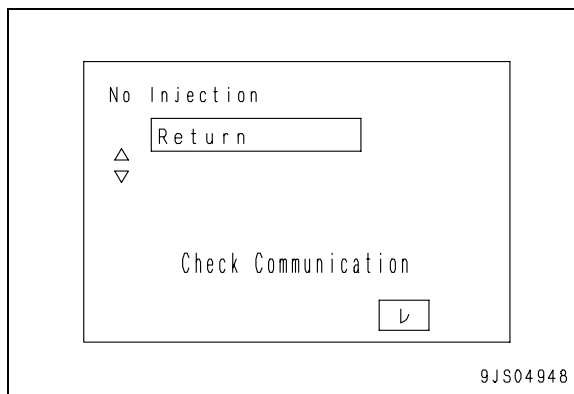
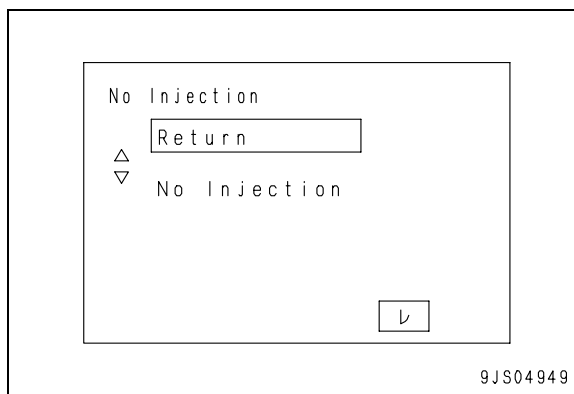
★ This setting must be done after stopping the engine.

**1) Selecting menu**

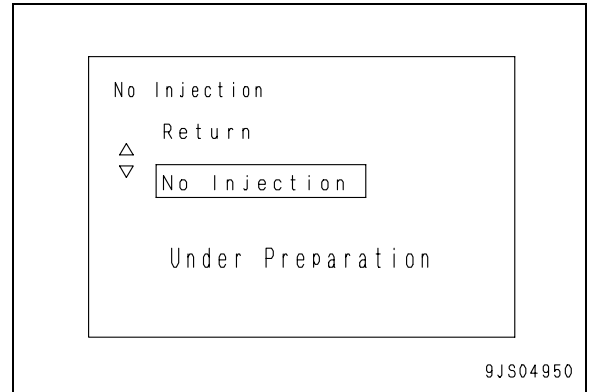
Select "09 No Injection Cranking" from the service menu initial screen and press [✓] switch.

**2) The initial screen for the no injection cranking will appear.**

★ "Check Communication" will be displayed in red.

**3) As the checkup is over, following screen appears.****4) Select "No Injection" and press [✓] switch. "Under Preparation" will be displayed on the screen.**

★ The letters "Under Preparation" are displayed in red.

**5) As the preparation for no injection cranking is completed, display of "Under Preparation" is replaced with "After No Injection".**

★ The letters "After No Injection" are displayed in green.

