KUBOTA DIESEL DUAL PANEL CONTROLS - PUMP PANEL

NOTES:

1. PANEL CUTOUT SAME AS STANDARD HALE DIESEL REMOTE MOUNT PANEL.
2. ENGINE CAN BE STARTED/STOPPED AND THROTTLE INCREASED/DECREASED FROM PUMP PANEL OR CAB PANEL.
3. PUMP IS PRIMED AT MAIN PUMP PANEL ONLY.
4. STANDARD LENGTH OF HARNESS FROM ENGINE TO PANEL IS 1.8 M [6.0 FT].

SUCTION GAUGE (30 IN-HG-150 PSI)
HIGH COOLANT TEMPERATURE INDICATOR LIGHT (AMBER)
LOW OIL PRESSURE INDICATOR LIGHT (RED)
ENGINE STOP
PANEL MASTER ON/OFF SWITCH
ENGINE THROTTLE CONTROL (MOMENTARY TOGGLE)
IGNITION PUSH BUTTON START
PVG PRIMING VALVE (NOT INCLUDED - SUPPLIED WITH ESP PRIMER)
DISCHARGE GAUGE (0-400 PSI)
TACHOMETER/HOUR METER
RECOMMENDED CLEARANCE FOR ELECTRICAL COMPONENTS WITH PVG VALVE
RECOMMENDED CLEARANCE FOR ELECTRICAL COMPONENTS WITHOUT PVG VALVE

DIMENSIONS ARE IN MILLIMETERS [INCHES ARE FOR REFERENCE ONLY] TOLERANCE FOR MILLIMETER DIMENSIONS:
X: ±1
X.X: ±0.5
X.XX: ±0.25
X.XXX: ±0.125
ANGLES: ±0.25°
SURFACE TEXTURE IN μm Ra

IF IN DOUBT ASK
ENGINE CAN BE STARTED/STOPPED AND THROTTLE INCREASED/DECREASED FROM PUMP PANEL OR CAB PANEL.

PUMP IS PRIMED AT MAIN PUMP PANEL ONLY.

NOTES:
1. OEM TO MAKE HARNESS CONNECTIONS BETWEEN ENGINE A, ENGINE B, ENGINE 6 AND ENGINE 8 CONNECTORS USING SUPPLIED HARNESS.

2. HARNESS MARKED *** ARE SUPPLIED WITH FLYING LEADS TO ALLOW OEM INSTALLATION OF APPROPRIATE LENGTH HARNESS BETWEEN PUMP/CAB PANELS AND ENGINE.

3. REFER TO FSG-WD-00125 WIRING DIAGRAM FOR ADDITIONAL WIRING DETAILS.
1. Install throttle actuator sub-assembly on starter side of engine using the provided 1/2-13 hex head screws & washers.

2. Apply 12V power to throttle actuator to fully extend control arm prior to installing cable.

3. Loosen 3/8-24 jam nuts and lock washers on looped end of control cable and install threaded cable conduit in throttle actuator sub-assembly mounting bracket.

4. Connect looped end of cable to actuator control arm using supplied #10-24 screw, washers and nut.

5. Insert flexible cable conduit into provided cable clamps and loosely install in the bell housing adapter mounting holes as shown. Cable may require slight adjustment once fully installed.

6. Install relay bracket on engine fuel pump side using the provided 1/2-13 hex head screws & washers.

7. Install throttle cable support bracket using the provided 3/8-16 hex head screw, nut & washers.

8. Remove (1) 3/8-24 jam nut and lock washer from straight end of throttle cable and insert threaded cable conduit through lower hole in cable support bracket. Upper hole may be used for manual throttle cable connection.

9. Re-install 3/8-24 jam nut and lock washer on opposite side of throttle cable support bracket to hold cable in place.

10. Install 1/4-20 throttle cable standoff in outer hole of engine throttle lever & use 1/4-20 locknut to hold in place. Tighten locknut while still allowing standoff to spin freely.

11. Install throttle cable through lower hole in cable standoff and install cable lock.

12. Make a 90° bend in end of cable after the cable lock and trim off excess cable.