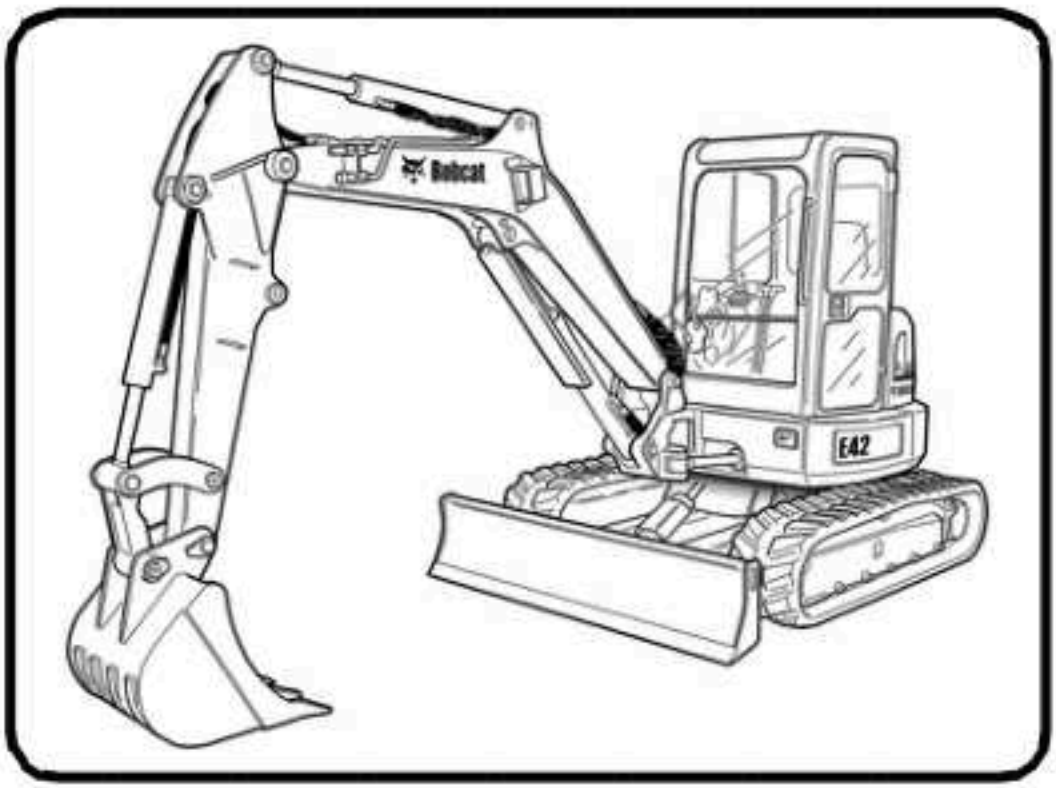
Bobcat®

Service Manual
E42 Compact Excavator

S/N AG3411001 & Above
S/N AHHB11001 & Above



6989433 (8-10)

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Service Tool Harness Communicator - MEL1566 (Cont'd)

Keyless Start

Figure 10-230-9



Press the ENTER CODE button (Item 1) **[Figure 10-230-9]** to turn power on.

NOTE: DO NOT start the excavator.

Figure 10-230-10



Turn the key (Item 1) **[Figure 10-230-10]** to the RUN position on the remote start tool.

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Removal And Installation (Cab Equipped Excavator)

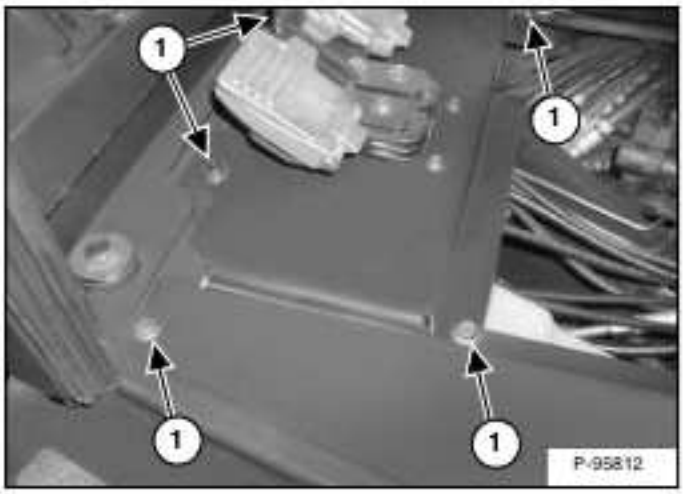
Remove the floormat and center floor plate. (See Removal And Installation on Page 40-110-1.)

Remove the tool box. (See Removal And Installation on Page 40-220-1.)

Remove the left lower console cover. (See Lower Console Cover Removal And Installation on Page 40-60-1.)

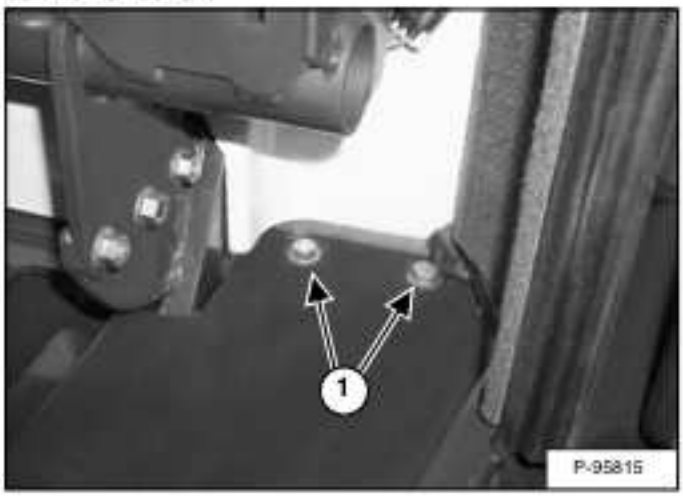
Remove the left upperstructure cover. (See Removal And Installation on Page 40-70-1.)

Figure 40-120-5



Remove the four bolts (Item 1) and reposition the travel control panel. Remove the bolt (Item 2) **[Figure 40-120-5]**.

Figure 40-120-6



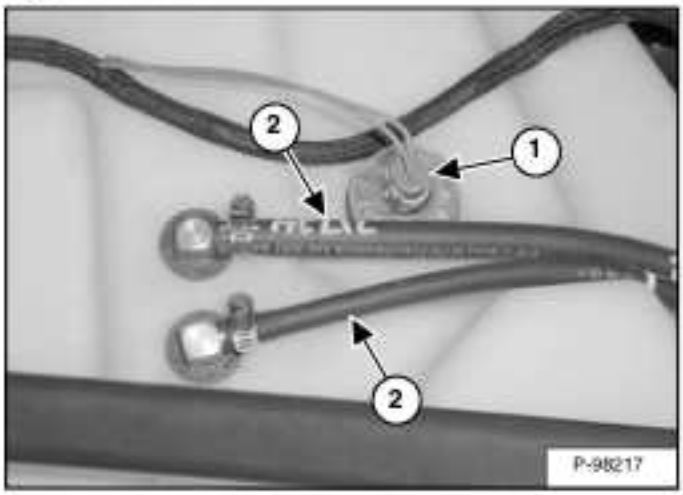
Remove the two bolts (Item 1) **[Figure 40-120-6]** from the floor plate.

Figure 40-120-7



Slide the plate (Item 1) **[Figure 40-120-7]** out.

Figure 40-120-8



Disconnect the wire harness (Item 1). Loosen the hose clamps and remove the fuel lines (Item 2) **[Figure 40-120-8]**.

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Specifications (Cont'd)

All dimensions are given in inches. Respective metric dimensions are given in millimeters enclosed by parentheses.

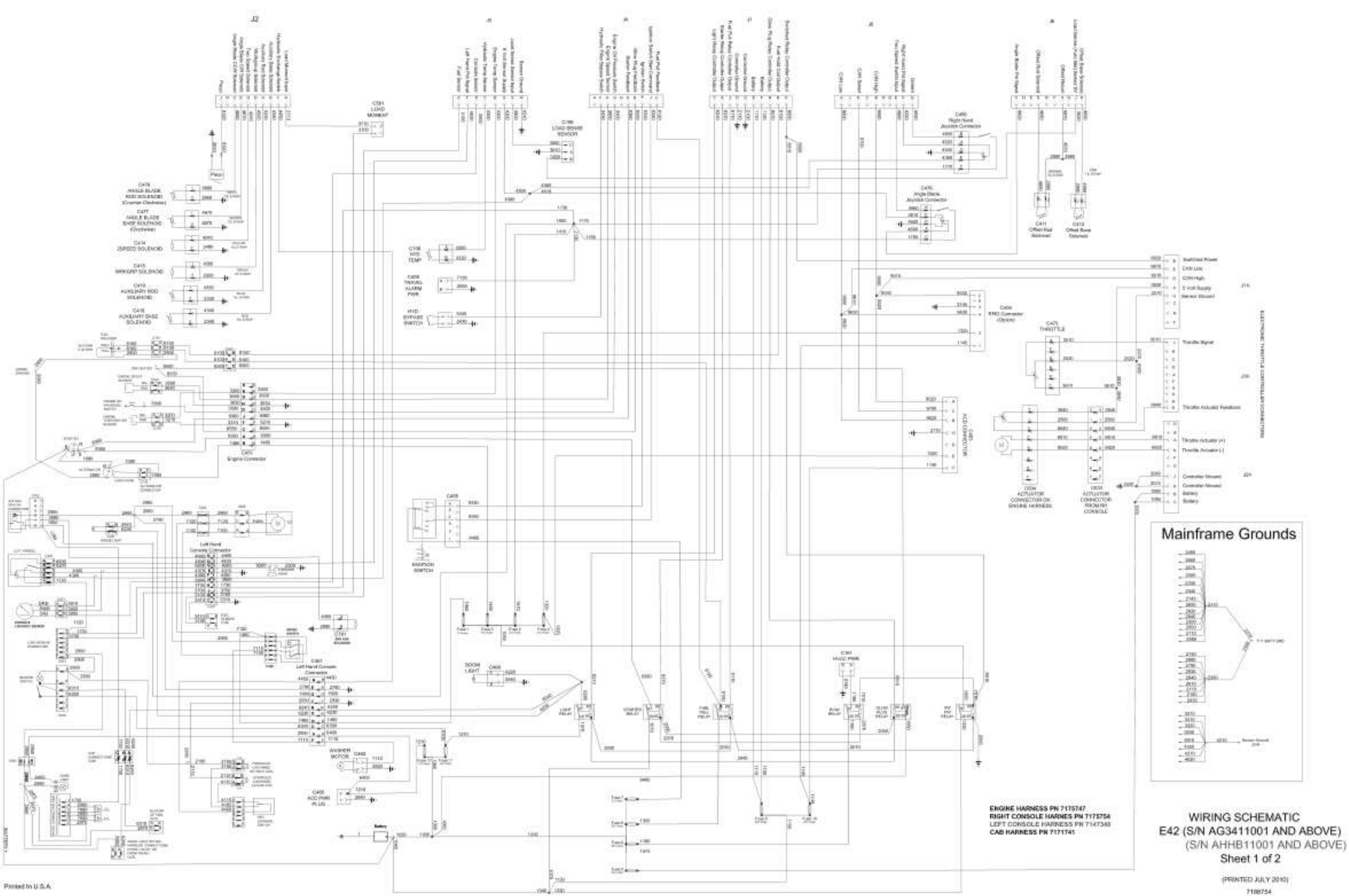
Timing Gear

Timing Gear Backlash	
Crank Gear - Idle Gear	0.0016 - 0.0044 (0,042 - 0,112)
Idle Gear - Cam Gear	0.0016 - 0.0045 (0,042 - 0,115)
Idle Gear - Injection Pump Gear	0.0016 - 0.0045 (0,042 - 0,115)
Crank Gear - Oil Pump Gear	0.0016 - 0.0043 (0,042 - 0,109)
Allowable Limit	0.006 (0,15)
Idle Gear Shaft O.D.	1.494 - 1.495 (37,959 - 37,975 mm)
Idle Gear Bushing I.D.	1.496 - 1.497 (38,000 - 38,025 mm)
Clearance Between Idle Gear Shaft & Idle Gear Bushing	0.001 - 0.0026 (0,025 - 0,066)
Allowable Limit	0.004 (0,10)
Idler Gear Side Clearance	0.005 - 0.019 (0,12 - 0,48)
Allowable Limit	0.04 (0,9 mm)

Thermostat

Valve Opening Temperature	177° - 182° F (81° - 84° C)
Valve Fully Open	203° F (95° C)

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