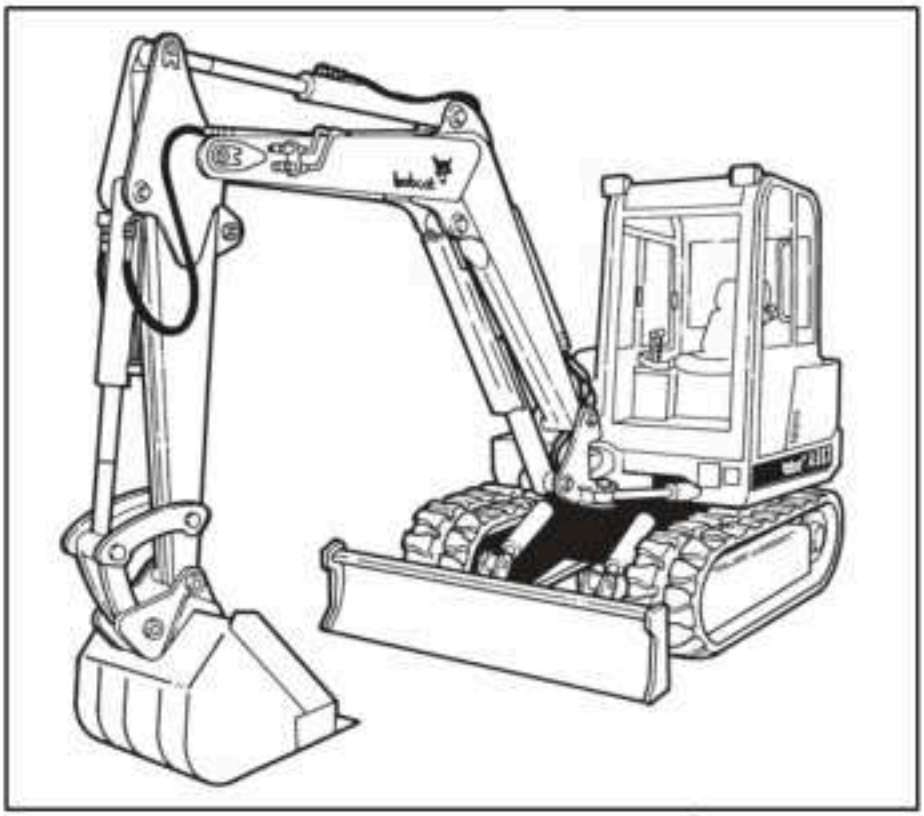
X 337
X 341

Excavator

Service Manual

337 (S/N 515411001 & Above)
341 (S/N 230611001 & Above)



MELROE
INGERSOLL-RAND

6900380(10-97)

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337–4
Revision Number
26 March 1999
Date

SERVICE MANUAL REVISION

ROUTE TO ATTENTION	
PARTS MANAGER	☐
SERVICE MANAGER	☒
SALES MANAGER	☐

AFFECTING:

Product BOBCAT EXCAVATOR
Model 337 (S/N 515411001 & Above)
341 (S/N 230611001 & Above)

Manual No. 6900380 (10–97)

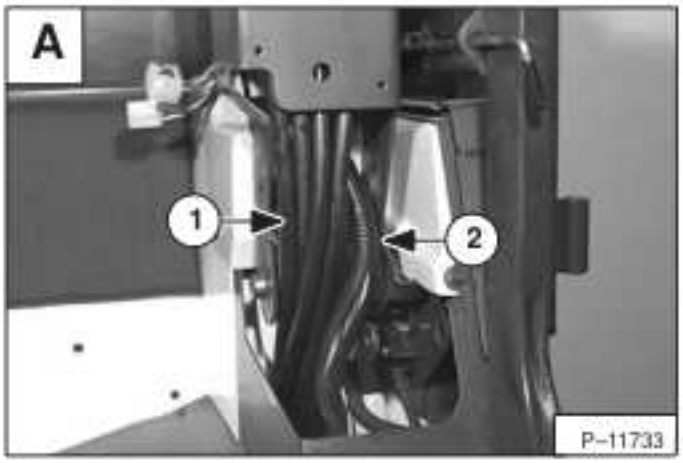
NOTICE Insert This Sheet With The Appropriate Manual For Future Reference.

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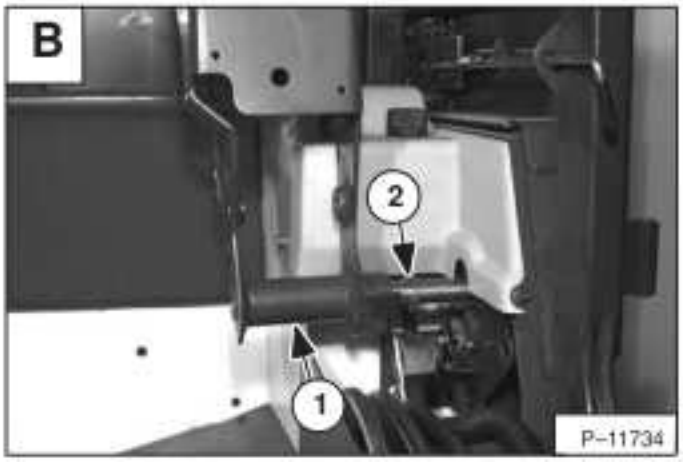
TAKE OUT	PUT IN
Cover	Cover
ALPHABETICAL INDEX	ALPHABETICAL INDEX
i thru ii	i thru ii
HYDRAULIC SCHEMATIC & LEGEND 337 EXCAVATOR (S/N 515411497 & Above) (Printed November 1998)	HYDRAULIC SCHEMATIC & LEGEND 337 EXCAVATOR (S/N 515411497 thru 11830) (Printed March 1999) HYDRAULIC SCHEMATIC & LEGEND 337 EXCAVATOR (S/N 515411831 & Above) 341 EXCAVATOR (S/N 230611001 & Above) (Printed March 1999)
2–1 thru 2–4 2–9 thru 2–12 2–19 thru 2–20 2–81 thru 2–132	2–1 thru 2–4 2–9 thru 2–12 2–19 thru 2–20 2–81 thru 2–136
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4–45 thru 4–46	4–45 thru 4–46
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6–1 thru 6–4 6–9 thru 6–12	6–1 thru 6–4 6–9 thru 6–12 6–33 thru 6–34
8–1 thru 8–16	8–1 thru 8–16

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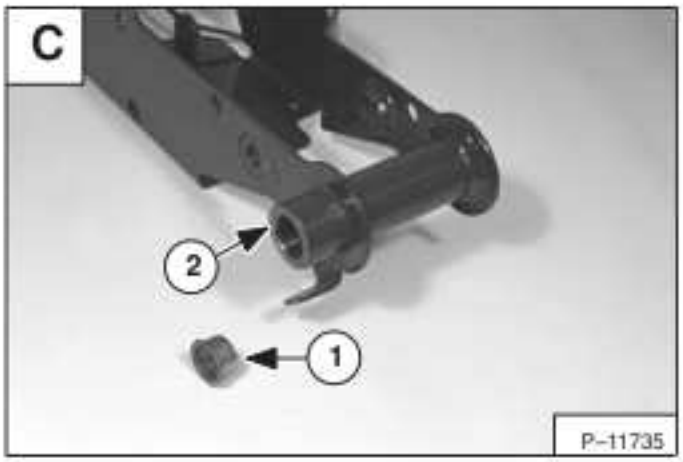
Reposition the joystick hoses (Item 1) **[A]** and wire harness (Item 2) **[A]** out of the console.



Slide the console (Item 1) **[B]** and spacer (Item 2) **[B]** off of the console mount.



Remove the bushing (Item 1) **[C]** from both ends of the console pivot (Item 2) **[C]**.



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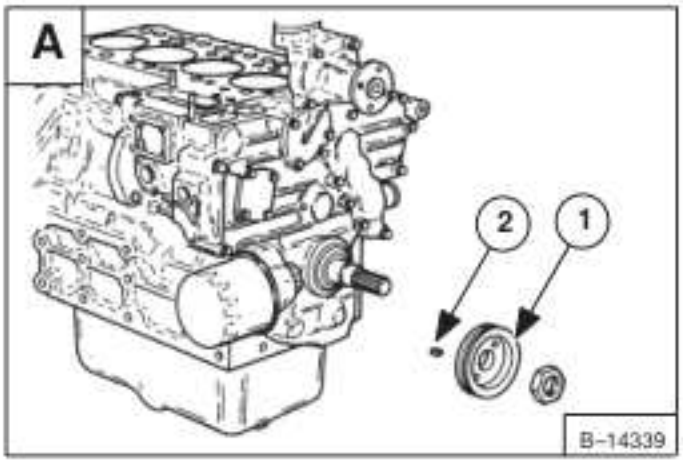
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Removal And Installation (Cont'd)

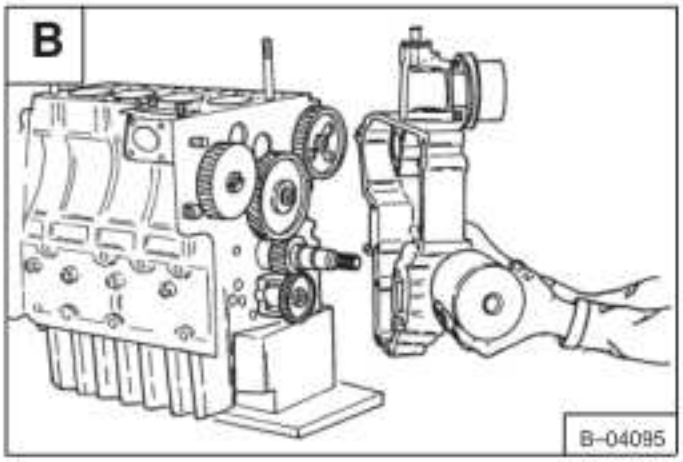
Remove the crankshaft pulley (Item 1) **[A]** and key (Item 2) **[A]**.

Remove the bolts from the timing gearcase cover.

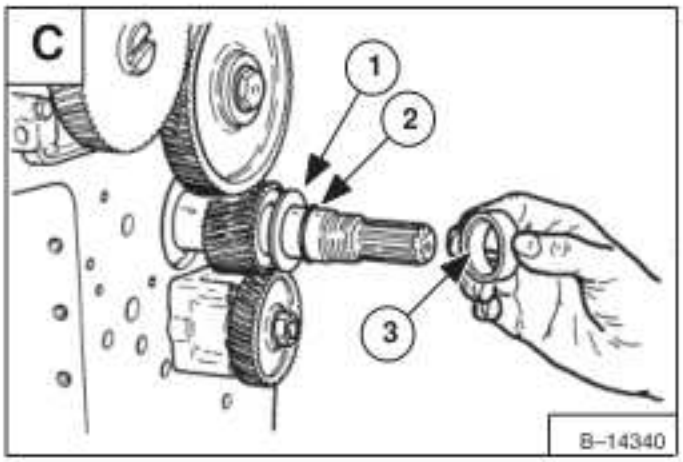
Installation: Tighten the bolts to 13–15 ft.–lbs. (18–20 Nm) torque.



Remove the timing gearcase cover **[B]**.

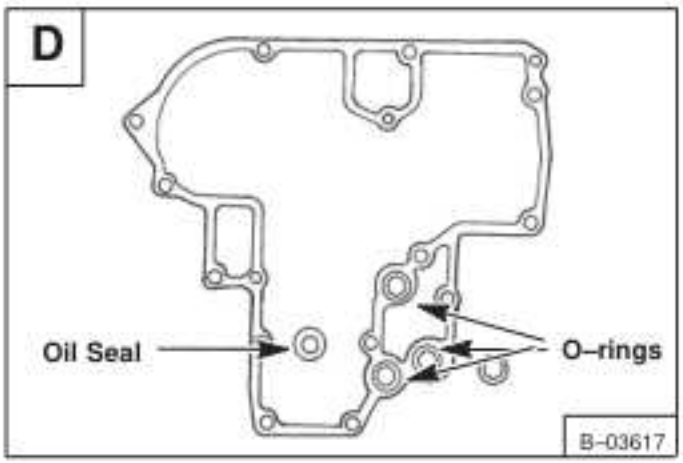


Remove the crankshaft oil slinger (Item 1) **[C]**, O–ring (Item 2) **[C]** and collar (Item 3) **[C]**.



Installation: Install new O–rings and oil seal into the timing gearcase cover **[D]**.

NOTE: When a new timing gearcase cover is installed, to establish the *correct position* of the injection pump fuel rack stop before removing it from the old timing gearcase cover, the distance from the machined surface of the gearcase (gasket surface) to the end of the stop should be measured. The stop should then be installed in the new gearcase and set to the same distance that was previously measured. Do not try to test operate the engine to establish if it has enough power. The adjustment must be set by a qualified service personnel for the injection pump.

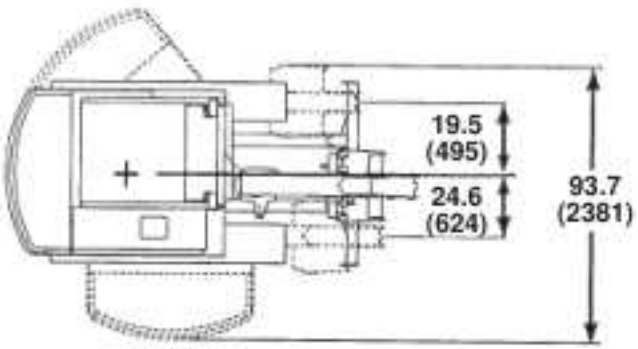


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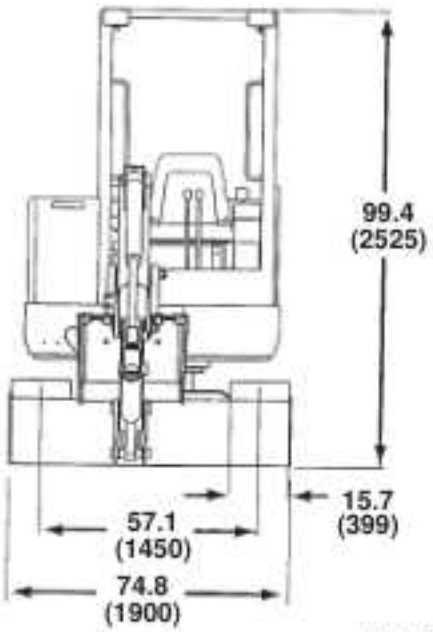
337 HYDRAULIC EXCAVATOR SPECIFICATIONS

- All dimensions are shown in inches. Respective metric dimensions are given in millimeters enclosed by parentheses.
- Where applicable, specifications conform to SAE standards. Specifications are subject to change without notice.

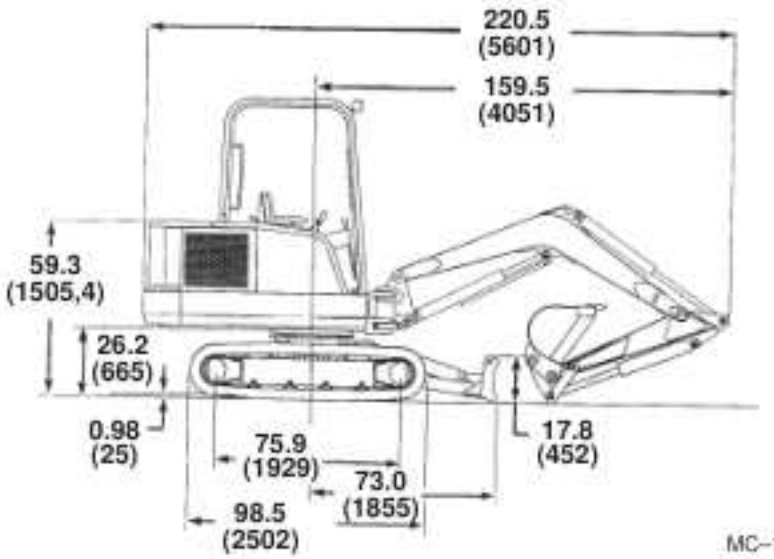
Machine Dimensions



MC–1934

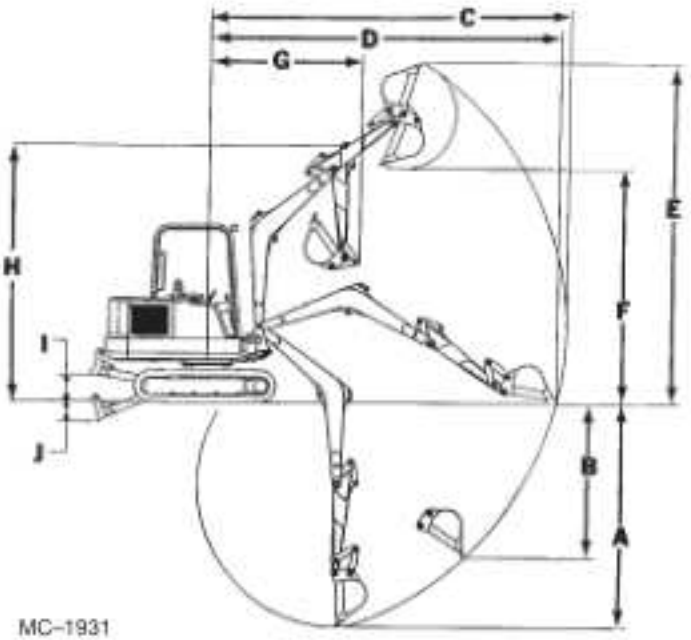


MC–1932



MC–1933

Boom Swing – Left 70°
– Right 60°



MC–1931

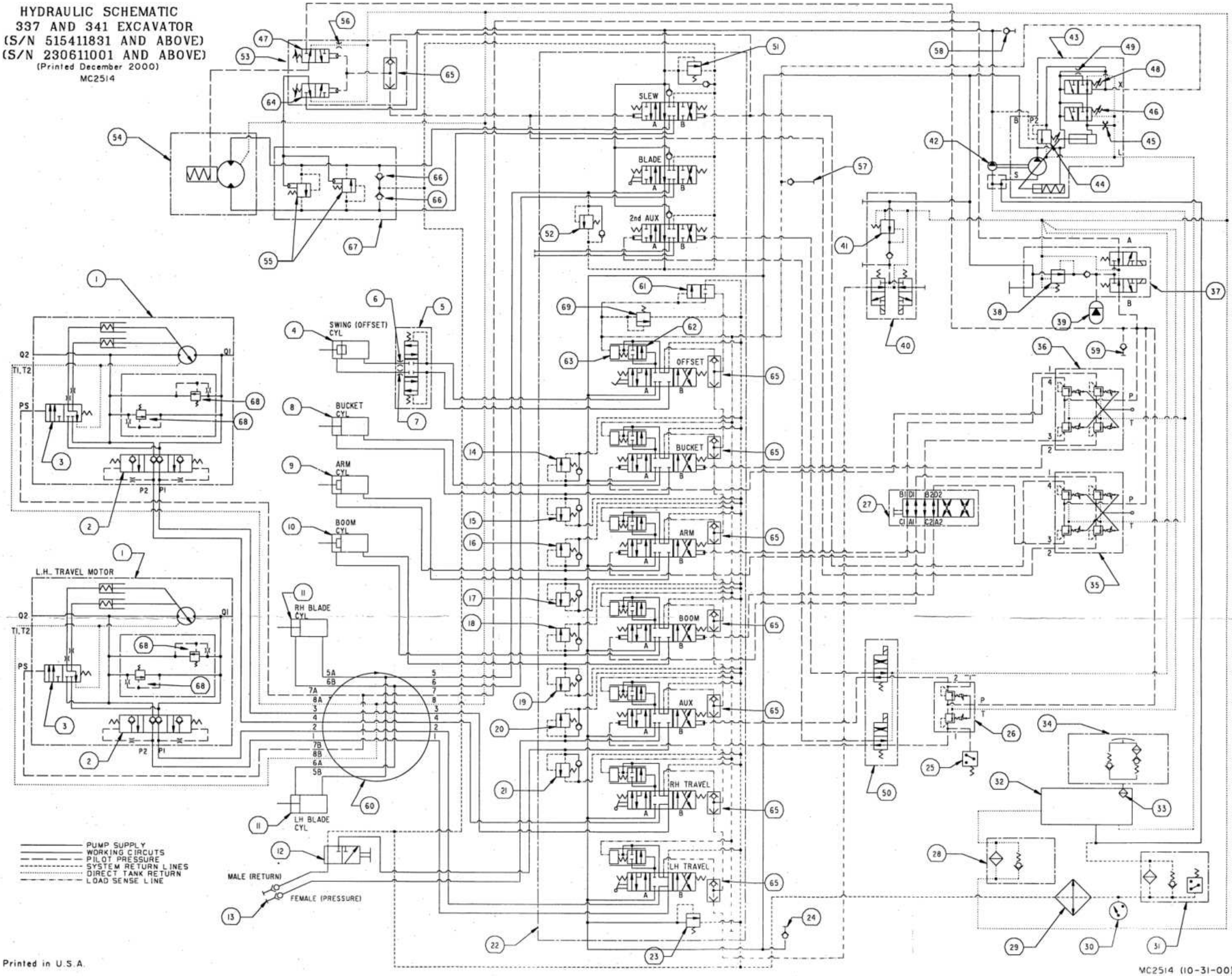
		Inches (mm)
A	Max. digging depth	144.1 (3660)
B	Max. vertical wall depth	118.3 (3005)
C	Max. digging reach	231.8 (5887)
D	Max. digging reach at ground level	226.8 (5761)
E	Max. digging height	218.4 (5548)
F	Max. dumping height	151.0 (3835)
G	Max. Work Equip. Radius W/Boom at max. height & arm retracted	94.4 (2398)
H	Max. height of Min. swing radius	163.3 (4147)
I	Max. lift above ground (blade)	15.7 (400)
J	Max. drop below ground blade	16.2 (411)

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337 AND 341 EXCAVATOR
(S/N 515411831 AND ABOVE)
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