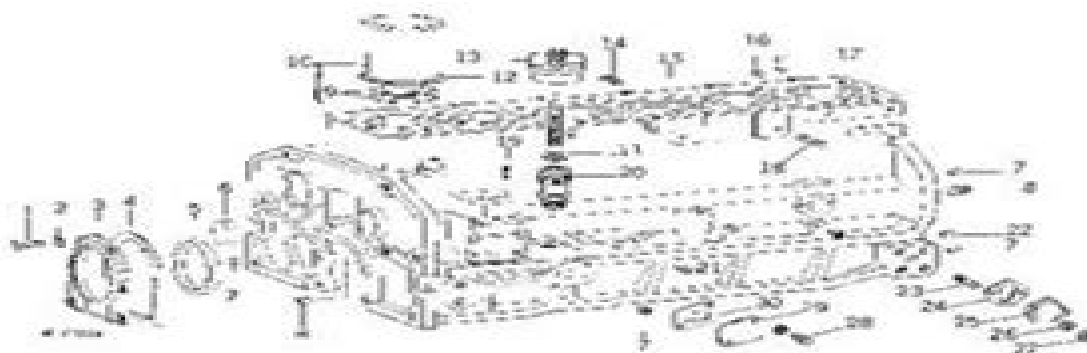


CYLINDER BLOCK, LINERS, AND DIPSTICK



Key	Part No.	Serial No.	Description
1	1987 2117	-	Screw, cap, high-strength, 3/16" x 1-1/8" (6 used)
2	55126 R	-	Plate, lock (5 used)
3	41600 R	-	Mounting, crankshaft oil seal (sub. for AR2007R)
4	200058 R	-	Gasket
5	17413 R	-	Pin, dowel (2 used) (use with blocks marked R40930 or R40940)
6	34002 R	-	Seal, oil, with crankshaft rear oil flinger (sub. for AR2648R)
7	26113 R	-	Plug
8	17413 R	-	Pin, dowel (4 used)
9	17413 R	-	Pin, dowel (2 used) (used with blocks marked R40930 or R40940)
10	30023 R	-	Pin, dowel, vent pump, after gear thrust washer
11	13024 R	-	Pin, dowel, cylinder block, rear (use with blocks marked R40930 or R40940)
12	13024 R	-	Plug, pipe, hex. cyl., 3/8" (2 used)
13	AR 40125	-	Plug, pipe, hex. cyl., 1/2" (2 used) (use with blocks marked R40930 or R40940)
14	AR 40127	-	O-ring (set of 2) (6 sets used)
15	AR 40127	-	O-ring (set of 2) (6 sets used) (use with blocks marked R40930 or R40940)
16	33197 R	-	Liner, cylinder (6 used) (gasoline and LP-gas) (sub. for AR32194R)
17	30050 R	-	Liner, cylinder (6 used) (diesel) (with AR40125 sub. for AR32194R)
18	30054 R	-	Liner, cylinder (6 used) (gasoline and LP-gas) (use with block marked R40940)
19	AR 40015	-	Liner, cylinder (6 used) (diesel) (use with block marked R40930)
20	31486 R	-	Gasket
21	30720 R	-	Gasket (not used with blocks marked R40930 or R40940)
22	AR 31744 R	-	Shim, .004" copper, cylinder liner (diesel only) (not used) with blocks marked R40930)
23	AR 30021	-	Shim, .015" copper, cylinder liner (not used with blocks marked R40930 or R40940)
24	AR 31745 R	-	Shim, .030" copper, cylinder liner (not used with blocks marked R40930 or R40940)
25	AR 40518	-	Cap, with dipstick (sub. for AR32552R or AR34917R)
26	AR 40070	-	Dipstick (use with blocks marked R40930 or R40940)
27	AT 13740 T	-	Cock, drain
28	AR 44382	-	Cock, drain (use with blocks marked R40930 or R40940)
29	AR 40638	-	Block, cylinder, with main bearing caps, crankshaft bushings, studs and dowel pins (marked R33170R, R34130R, R40860 or R40870) (gasoline or LP-gas)
30	AR 40637	-	Block, cylinder, with main bearing caps, crankshaft bushings, studs and dowel pins (marked R40940) (gasoline and LP-gas) (use only when block marked R40940 has been previously installed)
31	AR 40640	-	Block, cylinder, with main bearing caps, crankshaft bushings, studs and dowel pins (marked R33170R, R34130R, R40860 or R40870) (diesel) (sub. for AR32194R)
32	AR 40056	-	Block, cylinder, with main bearing caps, crankshaft bushings, studs and dowel pins (marked R40930) (diesel) (use only when block marked R40930 has been previously installed)

John Deere 4020 Tractor Shop Manual

Arturo Cuomo



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web in today s experiment you will determine the solubility product ksp of calcium hydroxide Ca(OH)_2 by measuring the concentration of Ca(OH)_2 in a saturated solution calcium hydroxide is a sparingly soluble salt that dissolves according to the following reaction the solubility product expression for this reaction is

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web expert verified chem 182 determining the ksp of calcium hydroxide calcium hydroxide is an ionic solid that is sparingly soluble in water a saturated aqueous solution of Ca(OH)_2 is represented in equation form as shown below $\text{Ca(OH)}_2(\text{s}) \rightleftharpoons \text{Ca}^{2+}(\text{aq}) + 2\text{OH}^{-}(\text{aq})$ the solubility product expression describes in mathematical terms the equilibrium

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web use the concentration of calcium hydroxide to calculate the concentration of calcium ions and hydroxide ions in the solution $\text{Ca(OH)}_2 \rightarrow \text{Ca}^{2+} + 2\text{OH}^-$ $5 \times 10^{-2} \text{ M}$ calcium ions $5 \times 10^{-2} \text{ M}$ hydroxide ions calculate calcium hydroxide Ksp using the concentrations of calcium ions and hydroxide ions

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web the chemical equation used was $\text{Ca(OH)}_2 \rightleftharpoons \text{Ca}^{2+} + 2\text{OH}^-$ the solubility product was determined to be Ksp $\text{Ca}^{2+} \text{OH}^-$ from the titration which was made by dripping a concentrated solution of calcium hydroxide into hydrochloric acid the calcium hydroxide was filtered before starting the titration

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