



# 444C Loader



## TECHNICAL MANUAL 444C Loader

TM3236 (01MAR83) English



**TM3236 (01MAR83)**

LITHO IN U.S.A.  
ENGLISH





# 444C LOADER TECHNICAL MANUAL TM-1227 (FEB-84)

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*All information, illustrations and specifications contained in this technical manual are based on the latest information available at the time of publication. The right is reserved to make changes at any time without notice. Wherever applicable, specifications and design information are in accordance with SAE and ICED standards.*

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## CUSTOMARY TORQUE SPECIFICATIONS

NOTE: Wrench torque tolerance is  $\pm 10\%$ .

Cap Screw in.	Plain Head*		Three Dashes*		Six Dashes*	
	(lb-ft.)	N·m	(lb-ft.)	N·m	(lb-ft.)	N·m
1/4	-----	-----	(10)	14	(14)	19
5/16	-----	-----	(20)	27	(30)	41
3/8	-----	-----	(35)	47	(50)	68
7/16	(35)	47	(55)	75	(80)	108
1/2	(55)	75	(85)	115	(120)	163
9/16	(75)	102	(130)	176	(175)	237
5/8	(105)	142	(170)	230	(240)	325
3/4	(185)	251	(300)	407	(425)	576
7/8	(160)	217	(445)	603	(685)	929
1	(250)	339	(670)	908	(1030)	1396
1-1/8	(330)	447	(910)	1234	(1460)	1979
1-1/4	(480)	651	(1250)	1695	(2060)	2793

All torques are dry torque unless noted.

\*Dashes identify the grade of hardware.

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## METRIC TORQUE SPECIFICATIONS

NOTE: Wrench torque tolerance is  $\pm 10\%$ .

Cap Screw Diameter	Property Class 8.8*		Property Class 10.9*	
	(lb-ft)	N·m	(lb-ft)	N·m
M5	(4.4)	6.0	(6.3)	8.5
M6	(7.4)	10.0	(10.7)	14.5
M8	(18.1)	24.5	(25.8)	35.0
M10	(36.1)	49.0	(51.6)	70.0
M12	(62.7)	85.0	(89.2)	121.0
M16	(154.9)	210.0	(221.2)	300.0
M20	(265.5)	360.0	(368.7)	500.0
M24	(457.2)	620.0	(634.2)	860.0
M30	(885.0)	1200.0	(1224.2)	1660.0
M36	(1541.3)	2090.0		

All torques are dry torque unless noted.

\*Numbers identify the grade of hardware.

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