

SHOP MANUAL

ALLIS-CHALMERS

MODELS

8010-8030-8050-8070

The tractor model number and serial number are linked together to form the Product Identification Number (PIN). The PIN number is located on the top surface of left-hand frame rail. The engine model and serial numbers are stamped on a name plate located on left-hand side of cylinder block.

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DUAL DIMENSIONS

This service manual provides specifications in both U.S. Customary and Metric (SI) systems of measurement. The first specification is given in the measuring system perceived by us to be preferred system when servicing a particular component, while the second specification (given in parenthesis) is the converted measurement. For instance a specification of "0.011 inch (0.28 mm)" would indicate that we feel the preferred measurement in this instance is the U.S. Customary system and the Metric (SI) equivalent of 0.011 inch is 0.28 mm.

CONDENSED SERVICE DATA

	MODELS			
	8010	8030	8050	8070
GENERAL				
Engine Make	Own			
Engine Model	649T	670T	670I	670I
Number of Cylinders	6			
Bore	3.875 in. (98.43 mm)			4.250 in. (107.95 mm)
Stroke	4.250 in. (107.95 mm)		5.000 in. (127 mm)	
Displacement	301 cu. in. (4.9 L)		426 cu. in. (7.0 L)	
Electrical System	12 Volt, Negative Ground			
TUNE-UP				
Firing Order	1-5-3-6-2-4			
Valve Clearance				
(Hot)– Intake and Exhaust .	0.015 in. (0.38 mm)			