ALLIS-CHALMERS

MODELS D-14, D-15, D-15 SERIES II, D-17, D-17 SERIES III AND D-17 SERIES IV

Model D-14 tractors were available in single wheel tricycle, dual wheel tricycle and adjustable axle versions with non-diesel engines only.

Model D-15 tractors were available in single wheel tricycle, dual wheel tricycle, adjustable or heavy duty non-adjustable front axle versions with either 175 cubic inch diesel or 149 cubic inch non-diesel engines

Model D-15 Series II tractors are available in single wheel tricycle, dual wheel tricycle, adjustable or heavy duty non-adjustable front axle versions with either 175 cubic inch diesel or 160 cubic inch nondiesel engine.

D-17, D-17 Series III and D-17 Series IV tractors are available in single wheel tricycle, adjustable or heavy duty non-adjustable front axle versions with either 262 cubic inch diesel or 226 cubic inch non-diesel engine.

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CONDENSED SERVICE DATA

GENERAL	D-14	D-15 Non-Diesel	D-15 Diesel	D-17 Non-Diesel	D-17 Diesel
Engine Make	Own	Own	Own	Own	Own
Cylinders	4	4	4	4	6
Bore-Inches	31/2	31/2*	376	4	3 16
Stroke—Inches	31/8	37%	4%	41/2	4%
Displacement—Cubic Inches	149	149*	175	226	262
Pistons Removed From	Above	Above	Above	Above	Above
Main Bearings, Number of	3	3	5	3	7
Main Bearings Adjustable?	No	No	No	No	No
Rod Bearings Adjustable?	No	No	No	No	No
Cylinder Sleeves	Wet	Wet	Wet	Wet	Wet
TUNE-UP					
Firing Order	1-2-4-3	1-2-4-3	1-3-4-2	1-2-4-3	1-5-3-6-2-4
Valve Tappet Gap (Hot)					
Intake	0.012-0.014	0.008-0.010	0.010	0.012-0.014	0.010
Exhaust	0.012-0.014	0.014-0.016	0.019	0.012-0.014	0.019
Valve Seat & Face Angle					
Intake	45	45	45	30	See Paragraph 39
Exhaust	45	45	45	45	45
Ignition Distributor Make	D-R	D-R		D-R	
Mark Indicating:					
Retarded Timing		"Center"		See	· · · · · · · · · · · · · · · · · · ·
Full Advanced Timing		"F-25"		Paragraph	
Mark Location		Flywheel		147	
Breaker Point Gap		0.022		0.022	
Spark Plug Gap		0.025**		0.025**	
Injection Pump Make			RoosaMaster	1900 - 1900 - 1900 - 1900 - 1900 - 1900 - 1900 - 1900 - 1900 - 1900 - 1900 - 1900 - 1900 - 1900 - 1900 - 1900 -	RoosaMaster
Injection Pump Timing			See Paragraphs		See Paragraphs
Compression Pressure at Cranking			124 and 125		124 and 125
Speed—Gasoline or Diesel	135	160	325	145	385
Low Idle RPM	450	550	625	400	625
High Idle RPM	2025	2200	2200	1975	1985
Full Load RPM	1650	2000	2000	1650	1650

* Series II D-15 engine cylinder bore 3% inches; displacement is 160 cubic inches. **Spark plug gap for D-15 and D-17 LP-Gas models should be 0.020. Thanks for your reading.

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