

## 8N - Tune-up Data, Capacities, Misc. Specs

CAPACITIES (U. S. MEASURES)						
Fuel Tank	Crank-Case	Cooling System	Transmission & Center Housing	Steering Assembly	Belt Pulley	Air Cleaner
10 Gal.	6 Qts.	12 Qts.	5 Gal.	1 Pt.	5/8 Pt.	1 Pt.

TUNE-UP DATA							
Intake Valve Stem Clearance	Exhaust Valve Stem Clearance	Firing Order	Breaker Opening	Spark Plug Gap	Carburetor Idle Adj.	Power Jet Adj.	Float Setting
.010 to .012 cold	.014 to .016 cold	1-2-4-3	.015	.025	1 1/4 TCCW to 1 1/2 TCCW	1 1/2 TCCW — Rich 1 TCCW — Lean	3/32"

ANTI-FREEZE CHART		
Temperature	Alcohol (Denatured 90% — 180 Proof)	Ethylene Glycol
20° F	5 1/2 Pts.	4 1/2 Pts.
10° F	8 1/2 Pts.	7 Pts.
0° F	11 1/4 Pts.	8 1/2 Pts.
-10° F	12 1/2 Pts.	11 1/4 Pts.
-20° F	15 1/2 Pts.	12 1/2 Pts.
-30° F	17 Pts.	16 3/4 Pts.

BEARING PRE-LOAD	
Main Shaft . . . . .	20-35 in. lbs.
Countershaft . . . . .	15-30 in. lbs.
Pinion . . . . .	12-16 in. lbs.

TIGHTENING TORQUE VALUES	
Main Bearing Nuts or Cap Screws . . . . .	75 to 85 Ft. Lbs.
Rod Nuts—Castellated . . . . .	35 to 40 Ft. Lbs.
Rod Nuts—Self Locking . . . . .	35 to 40 Ft. Lbs.
Cylinder Head Nuts . . . . .	50 to 55 Ft. Lbs.
Cylinder Head Cap Screws . . . . .	65 to 70 Ft. Lbs.
Flywheel Cap Screws . . . . .	75 to 85 Ft. Lbs.
Spark Plugs . . . . .	25 to 30 Ft. Lbs.

IDENTIFICATION DATA				
Model	Serial No. Range	Cylinders Bore & Stroke	Compression Ratio	Displacement Cu. In.
8N	8N-1 to 84999	4 Cylinders 3 3/8 x 3 3/4	6 to 1	119.7
8N	8N-85000 and up	4 Cylinders 3 3/8 x 3 3/4	6.2 to 1	119.7



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