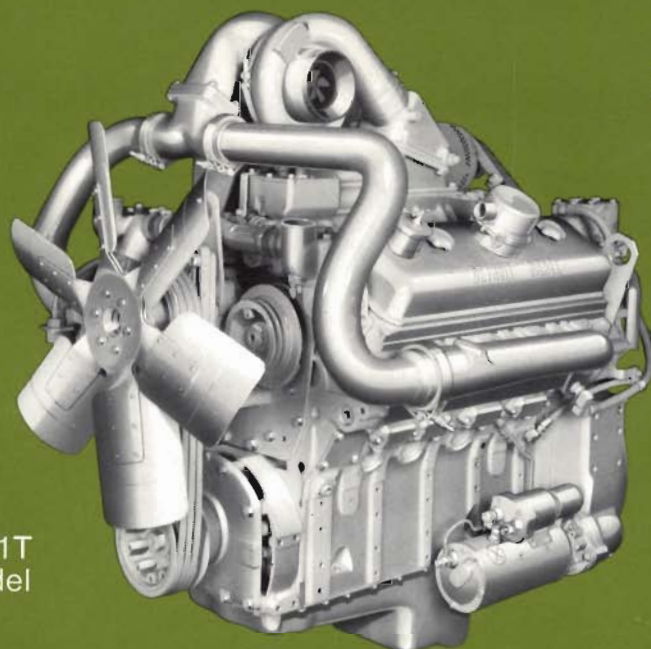


Detroit Diesel Engines

truck models

8V-71T

350 hp



Typical 8V-71T
Truck Model

	Model
8V-71T	7087-7340 7087-7344

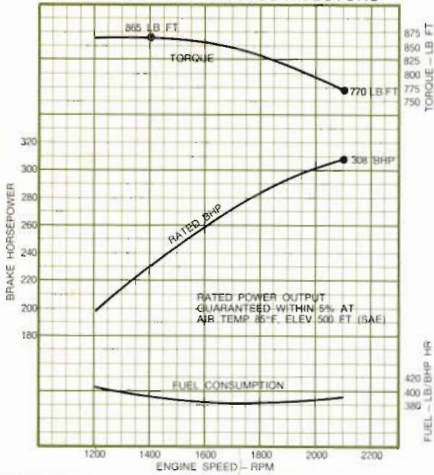
specifications

Basic Engine	8V-71T with N-65 Injectors	8V-71T with N-70 Injectors	8V-71T with N-75 Injectors
Model	7087-7344	7087-7344	7087-7340
Description	V-Type Turbocharged	V-Type Turbocharged	V-Type Turbocharged
Engine Type	Two Cycle	Two Cycle	Two Cycle
Number of Cylinders	8	8	8
Bore and Stroke	4¼" x 5"	4¼" x 5"	4¼" x 5"
Displacement Two Cycle (Every downstroke a powerstroke)	568 Cu. In.	568 Cu. In.	568 Cu. In.
Rated BHP: 85°F @ 500 feet	308 BHP @ 2100 RPM	335 BHP @ 2100 RPM	350 BHP @ 2100 RPM
Torque	865 Lb. Ft. @ 1400 RPM	920 Lb. Ft. @ 1400 RPM	965 Lb. Ft. @ 1600 RPM
Piston Speed @ 2100 RPM	1750 FPM	1750 FPM	1750 FPM
Compression Ratio	17 to 1	17 to 1	17 to 1
Approximate Dimensions:			
Length*	47"	47"	47"
Width	39"	39"	39"
Height	52"	52"	52"
Net Weight (Dry)	2395 Lbs.	2395 Lbs.	2395 Lbs.

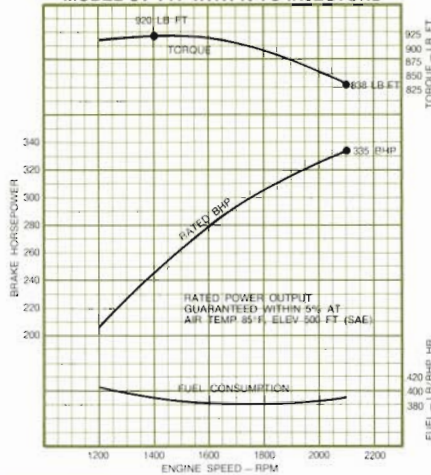
For complete dimensional information, refer to installation drawing 2SA377.

*With Belt-Driven Air Compressor

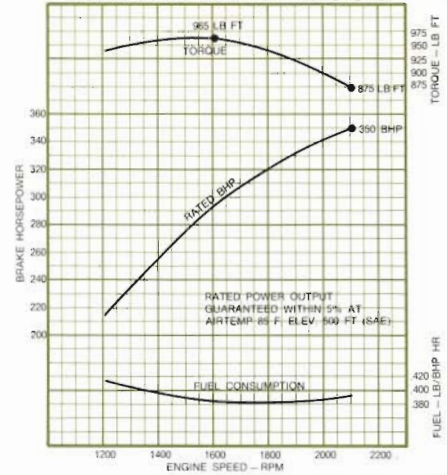
**BASIC ENGINE PERFORMANCE
MODEL 8V-71T WITH N-65 INJECTORS**



**BASIC ENGINE PERFORMANCE
MODEL 8V-71T WITH N-70 INJECTORS**



**BASIC ENGINE PERFORMANCE
MODEL 8V-71T WITH N-75 INJECTORS**



Rating Explanation

RATED BHP is the power rating for variable speed and load application where full power is required intermittently. This horsepower rating can be maintained at higher altitudes due to turbocharging.

FUEL CONSUMPTION CURVE shows fuel used in pounds per brake horsepower hour. THESE RATINGS do not include power requirements for accessory and standard equipment.

For complete engine specifications for your particular vehicle requirements, see your truck dealer or authorized Detroit Diesel Allison representative.

standard equipment

Air Compressor—12 CFM bracket mounted

Air Inlet Housing—Manual shutdown with 90" cable

Crankshaft Pulley—4 groove

Engine Mounts—Trunnion

Fan—28"—6 blade, suction

Flywheel—SAE #1 for 15½" clutch

Flywheel Housing—SAE #1

Generator—12 Volt—55 Amp—A.C.

Governor—Limiting speed—double weight

Injectors—Cam-operated, unit type, CleanTip

Lube Oil Filter—Full flow filter

Oil Pan and Distribution System—Stamped oil pan for 17 degree inclination, rear sump

Starting Equipment—12 volt, high output with Positork

Turbocharger—Vaneless type

Optional and extra equipment available

Specifications subject to change without notice



Detroit Diesel Allison
Division of General Motors Corporation

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