

ENGINE

1. SERVICE PUBLICATIONS

NOTE

See the engine data plate for assembly number and serial number when requesting service from your Caterpillar Dealer.

The service manual covering the C-16 Caterpillar truck engine is part number RENR2320. The individual

components that make up the service manual are listed in Table 1.

To purchase a copy of any of these publications contact an authorized Caterpillar distributor in the U.S. or Canada. Check the Yellow Pages under "Engines, Diesel" for the distributor or service outlet nearest you, or go to www.cat.com on the internet.

Table 1. Caterpillar Service Manual

Section	Title	Form No.
Binder		SENR2910
Binder Label		RENR2319
Safety		SENR2995
Service Manual Contents		RENR2321
Torque Specifications		SENR3130
Engine Index Tab		SENR2870
Specifications	C-15 & C-16 Truck Engines	RENR2308
Systems Operations, Testing & Adjusting	C-15 & C-16 Truck Engines	RENR2307
Disassembly & Assembly	C-15 & C-16 Truck Engines	RENR2306
Service Manual	Bendix-Westinghouse Air Compressors	SENR6455
Attachments Index Tab		SENR2876
Owner's Manual	Driver Information Display	SEBU6875
Chart	Caterpillar Driver Information Display Screen Map	
Troubleshooting Index Tab		SENR3987
Troubleshooting	Heavy Duty Truck Engine PTO Installation and Application	RENR1289
Electrical Schematic	C-10, C-12, 3406E, C-15 & C-16 Truck Engines	RENR2237
Troubleshooting	C-10, C-12, 3406E, C-15 & C-16 Truck Engines	RENR2238
Maintenance Index Tab		SENR2874
Operation & Maintenance	C-15 & C-16 Truck Engines	SEBU7517

2. POWER PACK

The power pack assembly consists of an engine, transmission, power divider, radiator, radiator support, exhaust, and intake. The power pack assembly can be removed from the vehicle chassis as one unit.

⚠ WARNING

The power pack weighs approximately 6500 lbs.! Use suitable lifting equipment, blocking, and shoring to safely handle the load. Stay clear of the power pack when it is supported by lifting device. Failure to comply may result in serious injury or death.

NOTE

Tag and mark all hoses, lines and electrical wiring/connections during removal to aid in installation.

Cap and plug all hoses and lines after removal.

Individual power pack component weights - approximate:

Caterpillar C16 engine - 2805 lbs.

Allison Transmission - 1315 lbs.

Power Divider - 600 lbs.

Radiator and support - 1200 lbs.

Exhaust - 250 lbs.

Air intake - 150 lbs.