
Perkins Eagle Engines

Eagle 800, Eagle Tx and Eagle Tx2000

WORKSHOP MANUAL

**6 cylinder diesel
engines for trucks**

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Introduction

This workshop manual has been designed to provide assistance in the service and the overhaul of Eagle 800 and Tx engines. Most of the general information, which is included in the User's Handbook (sections 1 to 9), has not been repeated in this Workshop Manual and the two publications should be used together.

Read the 'Safety precautions' and remember them. They are given for your protection and must be applied at all times.

Cylinder bore identification

The left and right sides of the engine are as seen from the rear (flywheel) end.

The numbers of the cylinders start from the front of the crankcase.

To ensure that you use the correct information for your specific engine type, refer to 'Engine identification' on this page.

Danger is indicated in the text by two methods:

Warning! This indicates that there is a possible danger to the person.

Caution: This indicates that there is a possible danger to the engine.

Note: Is used where the information is important, but there is not a danger.

Engine identification

The engine number is stamped on the data plate which is fastened to the left side of the crankcase.

For early engines, a typical engine number is: 8B27469U 66381T, which consists of these codes:

8B	Engine family
27469	Engine number
U	Country of manufacture
66381	Build line number
T	Year of manufacture

Engines made after August 1994, have a new engine number system. For these engines, a typical number is: SAK 06 0012 U 1854 A, which consists of these codes:

SA	Engine application
K	Engine type
06	Number of engine cylinders
0012	Engine specification number
U	The country of manufacture
1854	Build line number
A	Year of manufacture

Units such as the fuel injection pump and turbochargers have their own data plates.

If you need parts, service or information for your engine, you must give the complete engine number to your Perkins distributor.

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