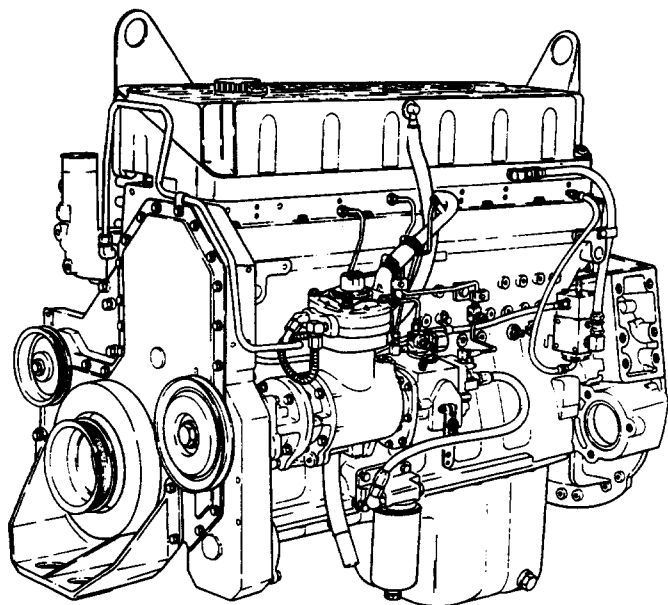
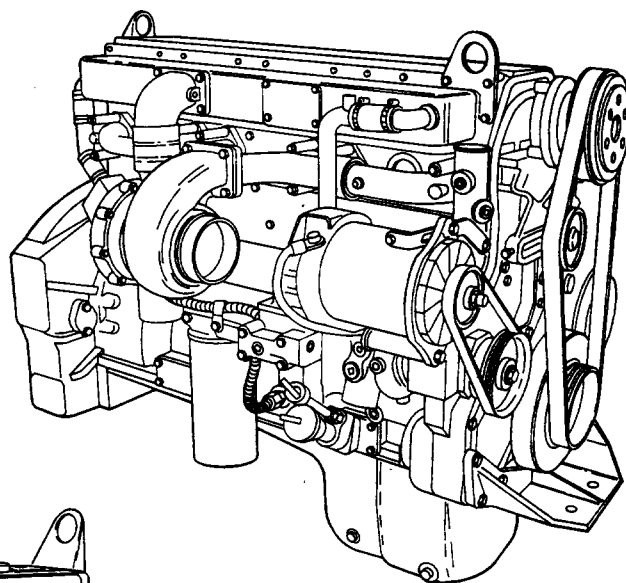




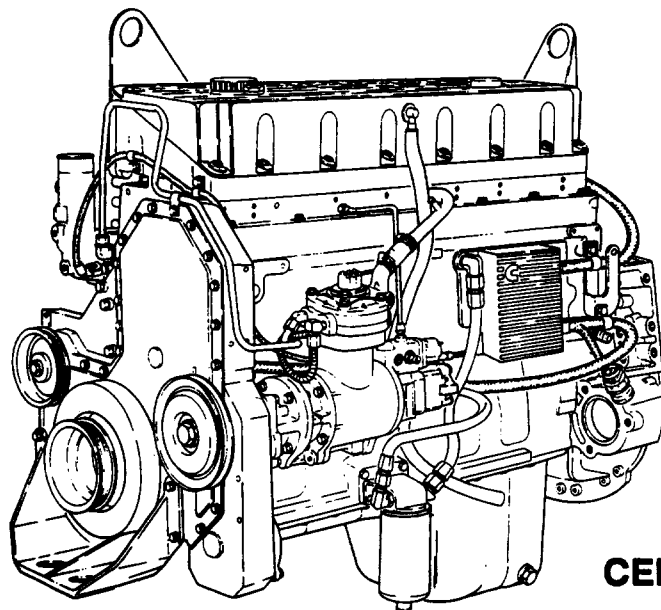
# Specification Manual L10 Series Engines External Damper Models



**STC**



**Fixed Time**



**CELECT**

## Foreword

This manual contains complete assembly and rebuild specifications for the external damper model L10 engine and all associated components manufactured by Cummins Engine Company, Inc. This manual is intended as a quick reference guide for an experienced technician who is familiar with our product. Various accessory and component suppliers can be contacted directly for any information **not** covered in this manual.

A series of specific service manuals (Troubleshooting and Repair, Shop, Alternative Repair, and so on) are available and can be ordered by filling out and mailing the Literature Order Form located at the end of this manual.

Reporting of errors, omissions, and recommendations for improving this publication by the user is encouraged. Please use the postage paid, self-addressed Literature Survey Form at the end of this manual for communicating your comments.

The specifications in this manual are based on the most current information at the time of publication. Cummins Engine Company, Inc. reserves the right to initiate any changes at any time without obligation. If differences are found between your engine and the information in this manual, contact a Cummins Authorized Repair Location, a Cummins Division Office, or the factory.

The latest technology and the highest quality components are used to manufacture the products of Cummins Engine Company, Inc. When replacement parts are needed, we recommend using only genuine Cummins or ReCon® exchange parts. These parts can be identified by the following trademarks:



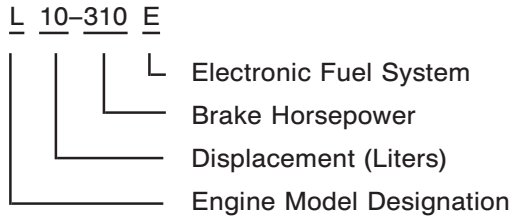
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## Engine Identification

The model name provides the following data:



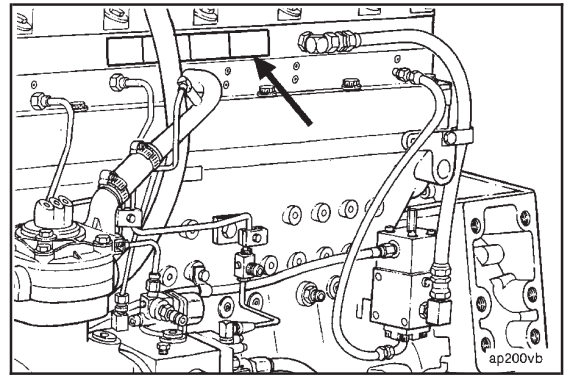
### Engine Dataplate

The engine dataplate is located on the fuel pump side of the rocker housing.

The engine dataplate provides model identification as well as other important information about the engine.

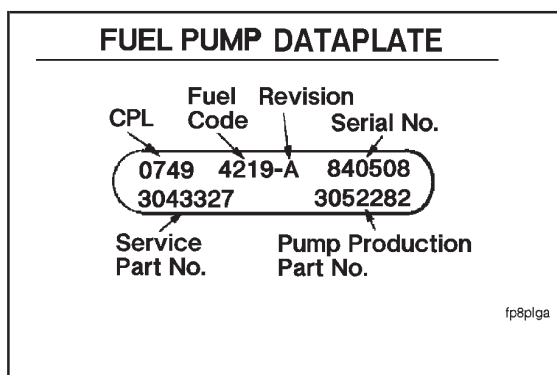
Have the following engine data available when communicating with a Cummins Authorized Repair Location. The information on the dataplate is **mandatory** when sourcing service parts.

1. Engine Serial Number (E.S.N.)
2. Control Parts List (CPL)
3. Model
4. Horsepower and RPM Rating



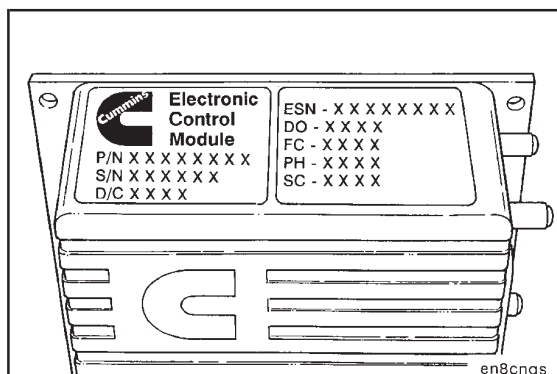
Engine No.		S.O. No.				E.C.S.			VEHICLE EMISSION CONTROL INFORMATION: This engine conforms to U.S. EPA regulations applicable to Model Year New Heavy Heavy-Duty Engines. This engine has a primary intended service application as a heavy heavy-duty diesel engine.	
Model		Ref. No.				Injection timing code				
Advised HP	at	RPM	Engine Cert. Ident.	C.I.D.	Family	CPL	Injector torque	Inch-Lbs.	WARNING: Injury may result and warranty is voided if fuel rate, RPM or altitudes exceed published maximum values for this model and application.	
Conf. No.		Warranty start date				Injector travel		Inch		Idle Speed
Date of mfg.		Manufactured by Cummins Engine Company, Inc., U.S.A. 3045551				Valve lash cold		Int.	Exh.	
						Fuel rate at advertised HP		mm <sup>3</sup> stroke		

Typical Engine Dataplate



### Fuel Pump Dataplate

On STC and Fixed Time engines, the fuel pump dataplate is located on the top of the fuel pump. It provides information for fuel pump calibration.



### ECM Dataplate(s)

On SELECT™ engines, there are two dataplates on the top of the electronic control module (ECM). The dataplate on the left contains the part number (P/N), serial number (S/N) and the data code (D/C) of the ECM. The dataplate on the right contains the engine calibration information.