

LBT-190: Ford Powerstroke: Hard Starts and No Starts

Whether you are an experienced diesel tech or a gasoline tech entering the world of diesels; this program has the information you need to diagnose the toughest hard start and no start issues. Former Ford factory trainer, Mark DeKoster provides an overview of Ford's ten-step procedure that is taught to Ford technicians. He explains why each step is needed, what you are looking for and when to proceed to the next step.

This class begins by explaining what a diesel needs to start and some of the steps that need to be done out of sequence. Mark provides need to know information on scan tool data monitoring with tips on the data you need to monitor while testing. He explains some of the tests you can do by looking at sensor PIDs on hard start/no start.

Mark covers oil pressure and fuel system tests with tips on what to look for and provides tips and results on gauge hook up. He also covers glow plug circuits and tests and explains the difference between the 6.0L and 7.3L for testing. This class is full of Ford insider tech tips that you cannot get anywhere else.

The program includes a 100 page manual that covers hard start & no start for 2001-2003 7.3L F250-F-550 and F650-F750, 2003-2008 6.0L and 2008-2009 6.4L. This book contains the step by step diagnostic procedure with a separate section for each engine family. The tests have detailed illustrations showing the test points, electrical plug locations for testing and charts, and explains the purpose of each test and the recommended test procedure.

Runtime: 143 minutes

Topics Covered

Introduction Steps on 6.0L
Following Ford Test Procedure
Checking Engine Oil
Air and Exhaust System
Check Checking for Correct Fuel
Checking Fuel Pump Operation

Scan Tool Code Testing Procedure
Scan Tool Data Collection
Glow Plug Operation
Hands-On Visual Inspection
Collecting Data
InjBuzz



Supplements
Testing Resources
Manual
Discussion Forum
Certificate