



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
2010 MODEL YEAR
CERTIFICATE OF CONFORMITY
WITH THE CLEAN AIR ACT OF 1990**

**OFFICE OF TRANSPORTATION
AND AIR QUALITY
ANN ARBOR, MICHIGAN 48105**

Certificate Issued To: Haynes Corporation
(U.S. Manufacturer or Importer)

Effective Date:
12/31/2009

Issue Date:
12/31/2009

Certificate Number: AHYXNK0645E3B-001

Expiration Date:
12/31/2010


Karl J. Simon, Director
Compliance and Innovative Strategies Division

Revision Date:
N/A

Engine Family Name (Remanufacturing Kit): AHYXNK0645E3B

The rebuild kit includes: 10-519852 UP 16-645E3B TIER0+ SOFTWARE, 10-519783 COOLANT TEMP SENSOR, 10-519790 INJECTOR, 10-519767 SPEED SENSING ANGLE DRIVE, 10-519779 OIL PRESSURE SENSOR, 10-519770 ELECTRONIC GOVERNOR BOX, 10-519766 CONTROLLER

Vehicle/Engine Category: Locomotive

Locomotive Model Years: 1973 to 2001
Models Covered: SD40-2

Family Emission Limits:

	Switch	Line Haul
NOx FEL	10.5	N/A
PM FEL	N/A	N/A

Pursuant to Section 213 of the Clean Air Act (42 U.S.C. section 7547) and 40 CFR 1033, and subject to the terms and conditions prescribed in those provisions, this certificate of conformity is hereby issued with respect to the remanufacturing kit which has been found to conform to applicable requirements and which may be utilized with only the following locomotive engines, by engine family, more fully described in the documentation required by 40 CFR 1033 and produced in the stated model year.

Parties who install this remanufacturing kit must also ensure that the base engine contains the following parts, more fully described in the Application for Certification for this kit: 9525597 Turbo, 10-519783 COOLANT TEMP SENSOR, 40046710 Aftercooler, 10-519770 ELECTRONIC GOVERNOR BOX, 60940 Fuel Pump, 10-519779 OIL PRESSURE SENSOR, 10-519767 SPEED SENSING ANGLE DRIVE, 40122103 Blade, F-5017-80 Ring Set, 10-519852 UP 16-645E3B TIER0+ SOFTWARE, Maintained to OEM manual and cfg. 40122102 ForK, 10-519766 CONTROLLER, Valve Timing 104-106, 10-519790 INJECTOR

This certificate of conformity is conditional upon compliance of said manufacturer with the provisions of 40 CFR Part 1033, Subpart H. Failure to comply with these provisions may render this certificate void *ab initio*.

This certificate of conformity covers only those locomotive remanufacturing kits which conform in all material respects to the design specifications that applied to those kits more fully described in the Application for Certification required by 40 CFR 1033 and which are produced during the model year stated on this certificate of the said manufacturer, as defined in 40 CFR 1033.

It is a term of this certificate that the manufacturer shall consent to all inspections described in 40 CFR 1068.20 and authorized in a warrant or court order. Failure to comply with the requirements of such a warrant or court order may lead to revocation or suspension of this certificate for reasons specified in 40 CFR 1068. It is also a term of this certificate that this certificate may be revoked or suspended or rendered void *ab initio* for other reasons specified in 40 CFR 1068.