



Product Awareness Bulletin

Thomas Built Buses

7/20/18

#026

Detroit DD5 & DD8 Engines

Type C & HDX

Thomas Built Buses is pleased to announce that our corporate partner, Detroit Engine, has made their engines available in our C2 and HDX buses.

The Detroit DD5 is now **standard** on the Saf-T-Liner C2 and the Detroit DD8 will be available as an option for the HDX.

Base Warranty

Base Warranty (DD5 & DD8)	
School Bus	5 years/100,000 miles
Commercial Bus	3 years/150,000 miles

Extended Warranty

Detroit offers a variety of extended warranty coverages for the DD5 and DD8 engines. Details regarding coverage options, terms and specific documentation is found on Detroit's aftermarket products website and will be made available at a later date.

The direct website link is aftermarketserviceproducts.com. Their website is also accessible from DTNACconnect.com through the "DDCSN" application.

Visit the website for detailed coverage information or to request a custom coverage.

Axle Ratio Notification

The introduction of the new engine family brings new ideas and new specification requirements to optimize our customers experience with our products. One area that is new to configuring a Thomas bus with a Detroit engine is the selection of the appropriate rear axle ratio. Detroit engines are designed to deliver optimal fuel economy in the medium duty market. With this objective, the rear axle ratio previously used with a Cummins engine may not necessarily be the same when spec'd with a Detroit. It is important to know that some specifications may require a new axle ratio with a Detroit engine.

To assist dealer's with building a Thomas bus with a Detroit engine, we will soon add a module in the RACE configurator that will evaluate specifications for meeting Detroit requirements. The key variable inputs that effect rear axle ratios are; Road Speed Limit (RSL), Transmission Model, and Tire Size (a.k.a. revolutions/mile). These inputs will drive the rear axle ratio approved with a Detroit engine. Additionally, buses equipped with Detroit engines will default to an Allison transmission

geared with six (6) speeds. **NOTE:** The axle ratio originally submitted with an order will be reviewed and the final axle ratio may change to optimize performance.

Virtual Technician

Detroit™ Connect Virtual Techniciansm is the remote diagnostic service for Thomas Built buses equipped with Detroit engines. It provides fleets and owner-operators with notifications within minutes when their engines experience fault events, the severity of the fault and when, where and how to best fix the issue. Making informed service decisions has never been so easy. A Virtual Technician subscription equal to the base engine warranty is included with each engine.

Virtual Technician Subscription (DD5 & DD8)	
School Bus	5 years
Commercial Bus	3 years

The below link contains details regarding “Virtual Technician”.

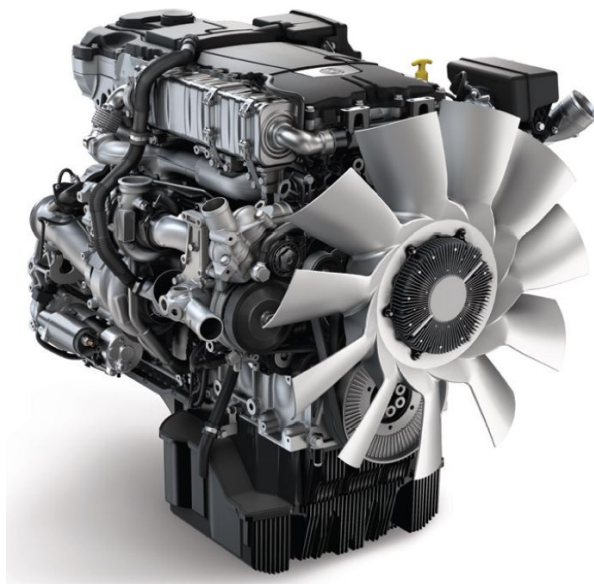


Virtual Technician.pdf

Start of production for the DD5 is scheduled for September.
Start of production for the DD8 is scheduled for November.



DD5



DD8

Below is a summary of changes that will take effect in RACE on **07/24/2018**.

Feature	Description	Action
HDX codes		
B259120000	VIRTUAL TECHNICIAN HU CONNECTIVITY	Released.
B260000000	VIRTUAL TECHNICIAN/DETROIT CONNECT ACCESS - 5 YEAR	Released.
C185319000	BRAKE/ACCELERATOR INTERLOCK - HDX (DETROIT DIESEL DD8)	Released.
C207819000	ENGINE COMPRESSION BRAKE - HDX, DETROIT DIESEL DD8	Released.
C221119000	CRUISE CONTROL - HDX (DETROIT DIESEL DD8)	Released.
C221419000	AUTOMATIC FAST IDLE FOR A/C (HDX)-FLORIDA- DETROIT DIESEL DD8	Released.
C221619000	AUTOMATIC FAST IDLE F/AIR CONDITIONING(PARK BRAKE)-DET DD8	Released.
C230543000	FUEL/WATER SEPARATOR WITH HEATER - DD8	Released.
C230544000	FUEL WATER SEPARATOR WITHOUT HEATER - DD8	Released.
C231819000	BLOCK HEATER - HDX (DETROIT DIESEL DD8)	Released.
C232119000	WATER FILTER - HDX (DETROIT DIESEL DD8)	Released.
C232719000	CHASSIS A/C KIT-05G/24V ALT.(HDX)DETROIT DD8	Released.
C245701260	DETROIT DIESEL DD8 - 260 LOW TORQUE	Released.
C245702260	DETROIT DIESEL DD8 - 260 HIGH TORQUE	Released.
C245702280	DETROIT DIESEL DD8 - 280 HIGH TORQUE	Released.
C245702300	DETROIT DIESEL DD8 - 300 HIGH TORQUE	Released.
C250019000	CHASSIS A/C KIT-05K,270AMP(HDX)	Released.
C250819000	CHASSIS A/C KIT - DUAL, 320 AMP - DETROIT DIESEL DD8	Released.
C250919000	CHASSIS A/C KIT - DUAL, 270 AMP - DETROIT DIESEL DD8	Released.
C600302827	ALLISON 2500 PTS SERIES TRANSMISSION DD8 260LT	Released.
C602808827	ALLISON 3000 PTS TRANSMISSION DD8 260LT	Released.
C602808829	ALLISON 3000 PTS TRANSMISSION DD8 260HT	Released.
C602808830	ALLISON 3000 PTS TRANSMISSION DD8 280HT	Released.
C602808831	ALLISON 3000 PTS TRANSMISSION DD8 300HT	Released.
C602910827	6 SPEED SHIFT CONTROL - 3000 PTS TRANSMISSION (DD8)	Released.
C602910829	6 SPEED SHIFT CONTROL - 3000 PTS TRANSMISSION (DD8)	Released.
C602910830	6 SPEED SHIFT CONTROL - 3000 PTS TRANSMISSION (DD8)	Released.
C602910831	6 SPEED SHIFT CONTROL - 3000 PTS TRANSMISSION (DD8)	Released.

C602913827	6 SPEED SHIFT CONTL-2500 PTS, DETROIT DD8 260 LT	Released.
C2 codes		
D130704000	ELEC-ZONAR STANDARD MONITORING	Inactivated.
D130706000	ELEC-ZONAR STANDARD MONITORING	Released.
FL-101-2M2	DD5 5.1L 4 CYL 200HP@2200 RPM,2600 GOV RPM,560 LB/FT@1200 RPM	Released.
FL-101-2M3	DD5 5.1L 4 CYL 220HP@2200 RPM,2600 GOV RPM,560 LB/FT@1200 RPM	Released.
FL-101-2M4	DD5 5.1L 4 CYL 240HP@2200 RPM,2600 GOV RPM,660 LB/FT@1200 RPM	Released.
FL-107-047	WABCO 20.0 CFM SGL CYLINDER AIR COMPRESSOR	Released.
FL-110-076	DETROIT ENG MTD FUEL WATER SEPARATOR WIF LIGHT, PUMP	Released.
FL-122-1H1	DETROIT FUEL/WATER SEPARATOR W/BYPASS	Released.
FL-122-1H2	DETROIT FUEL/WATER SEPARATOR W/BYPASS & 12V PREHEATER	Released.
FL-128-1A7	DETROIT MD COMP BRAKE WITH ON/OFF SWITCH	Released.
FL-152-062	ELECTRONIC ENGINE INTEGRAL SHUTDOWN PROTECTION WITH OVERRIDE	Released.
FL-152-069	ENGINE INTEGRAL SHUTDOWN PROT W/OVERRIDE SW,LW COOLANT&LIGHT	Released.
FL-266-100	700 SQUARE INCH ALUMINUM RADIATOR	Released.
FL-273-016	HORTON EC450 CORSAIR ON/OFF ENGINE FAN DRIVE	Released.
FL-273-049	HORTON EC450 CORSAIR ON/OFF ENGINE FAN DRIVE	Released.
FL-813-115	TBB ZONAR DASH MTD	Released.
FL-813-116	VT-HU CONNECTIVITY PLATFORM HARDWARE	Released.