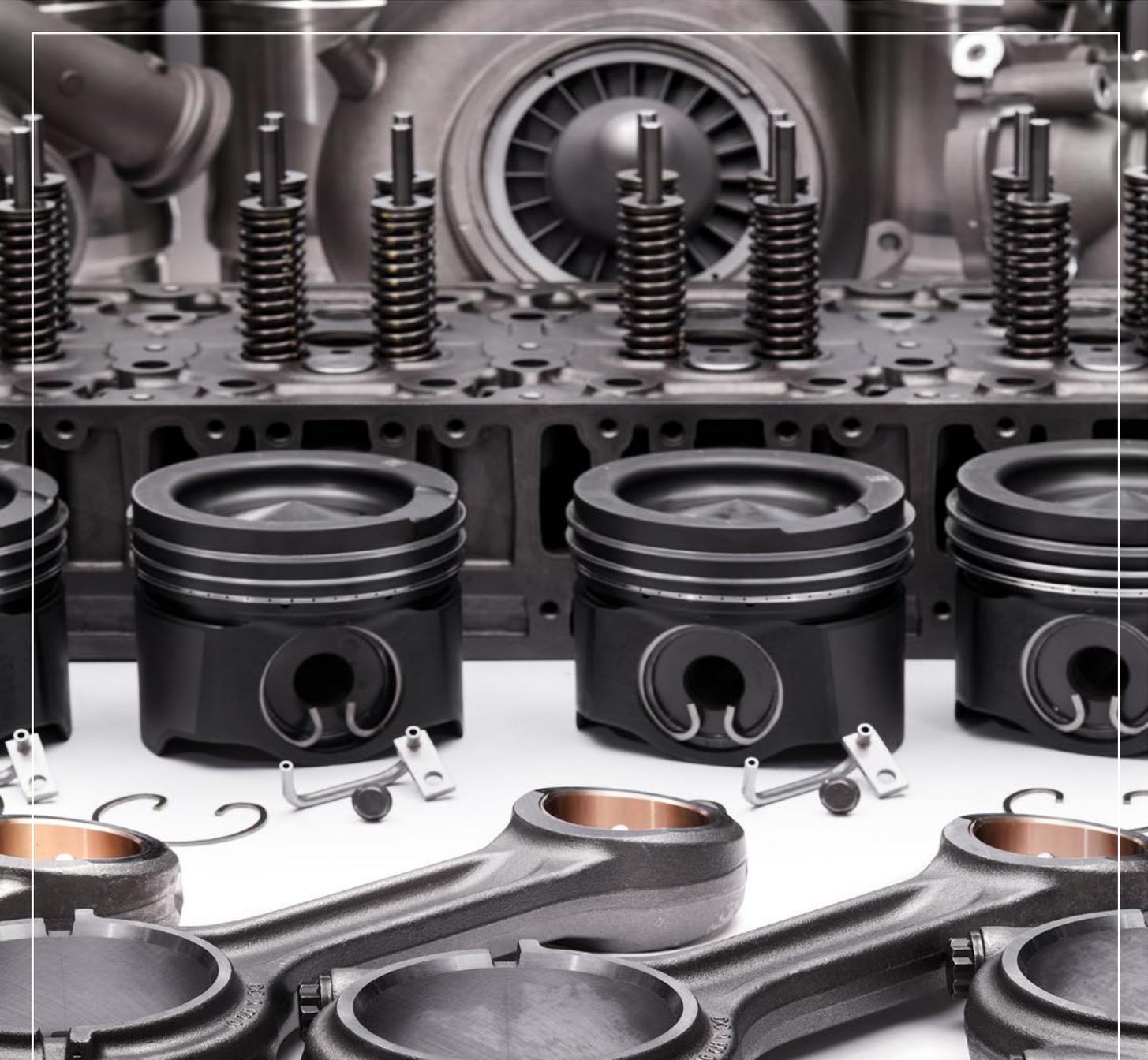




DETROIT[®]
GENUINE PARTS™

StepUP
OVERHAUL



Options and Coverages

DEMAND GENUINE. DEMAND DETROIT.



StepUP

OVERHAUL

TIME IS MONEY. VALUE BOTH.

TODAY'S TRUCKING REALITIES DICTATE A 24/7/365 OPERATION. YOU CAN'T AFFORD TO TAKE CHANCES—AND WITH STEPUP OVERHAUL, YOU DON'T HAVE TO.

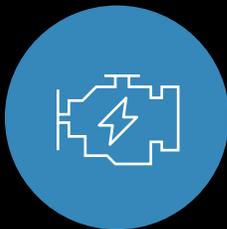
Your truck's engine is the lifeblood of your business, and StepUP Overhaul helps keep it running stronger for longer. Do you demand the superior quality of Detroit® genuine parts? Trust nothing less than the original. Want an outstanding warranty? We have you covered. Need expert installation? The industry's best network of dealers and distributors delivers.

You're in this profession for the long haul. StepUP Overhaul ensures your business doesn't miss a mile.

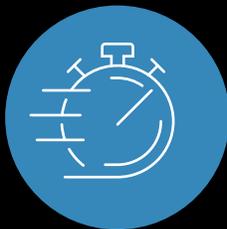
Unforeseen downtime is OUT. Maximum uptime is IN.

IS STEPUP OVERHAUL RIGHT FOR YOU?

You value efficiency, productivity and profitability. You demand the right parts at a fair price. StepUP Overhaul delivers on all fronts to keep your operation firing on all cylinders.



**REPOWER YOUR
BUSINESS**



**SAVE TIME AND
MONEY**



**INCREASE POWER
AND EFFICIENCY**

Revealing the True Cost of Downtime

The expenses associated with your truck being down involve both visible and invisible costs. There are the obvious costs of repairs and lost revenue, but you may not have considered the “hidden” costs of unplanned downtime. Not to mention the hassles and frustration of interrupting your business. Fact is, the true cost of downtime often outweighs the investment in an engine overhaul that helps keep your truck out of the shop and on the road—where it belongs.

REPAIRS

LOST REVENUE

WHAT YOU SEE

WHAT YOU DON'T SEE

DRIVER TIME

LODGING/MEALS

LOAD PENALTIES

REPOWER FEES

DISSATISFIED CUSTOMERS

DRIVER RETENTION



**AVOID A DOWNTIME DISASTER.
CHOOSE STEPUP OVERHAUL.**



Why StepUP Overhaul?

In the ultra-competitive trucking industry, you can't afford the costs of downtime. Your truck's engine is at the center of your ability to meet customer commitments. You need an engine that pulls with strength, uses fuel efficiently and is guaranteed to be there when you need it most. StepUP Overhaul gives you four easy-to-understand options for restoring the performance of your DD Series, Series 60[®] or MBE 4000 engine. Each option includes Detroit[®] genuine parts installed by factory-trained technicians and comprehensive warranty options. All of this is backed by the industry's best service network.

Benefits

PUT AN END TO:

- ✗ Low Power
- ✗ Poor Fuel Efficiency
- ✗ Hard Starts
- ✗ Rough Idle
- ✗ Blue or White Smoke
- ✗ Low Compression
- ✗ High Oil Consumption
- ✗ Wear Metals in Oil

BE MORE PRODUCTIVE WITH:

-  Increased Power
-  Improved Fuel Economy
-  Smooth Operation
-  Less Downtime
-  Longer Engine Life
-  Lower Labor Expenses
-  Warranty Protection
-  Best-Performing Service Network

WE HAVE YOU COVERED

With Detroit® genuine parts and factory-trained technicians, each StepUP Overhaul step comes with a nationwide warranty and optional extended coverage.¹

ITEM	WARRANTY	OPTIONAL EXTENDED COVERAGE
STEP 1: BASIC OVERHAUL	1-year/unlimited-miles on replaced components	Not Available
STEP 2: SUPER OVERHAUL	1-year/unlimited-miles on replaced components 1-year/100,000-miles on required inspected components	2-year/200,000-miles on replaced and inspected components
STEP 3: COMPLETE OVERHAUL	2-year/200,000-miles on replaced and inspected components	3-year/300,000-miles on replaced and inspected components
STEP 4: REMAN 3/4 ENGINE	2-year/200,000-miles on replaced and inspected components	3-year/300,000-miles on replaced and inspected components
STEP 4: REMAN POWERCHOICE ENGINE²		

COVERAGE REQUIREMENTS:

- ✓ **STEPS 1-3** – All work must be performed by an authorized Detroit service outlet.
- ✓ **STEP 4** – All work must be performed by a Detroit service outlet or Dealer/Distributor authorized locations.
- ✓ The overhauled engine must be installed in the original chassis.
- ✓ All StepUP coverages must be registered in OWL.²

¹ StepUP Overhaul is available on most DD13®, DD15® and DD16®; Series 60® and MBE 4000 engines in on-highway applications. Check with your authorized Detroit service outlet for specific applications. ² Registration in OWL not required for Step 1.

DD Series

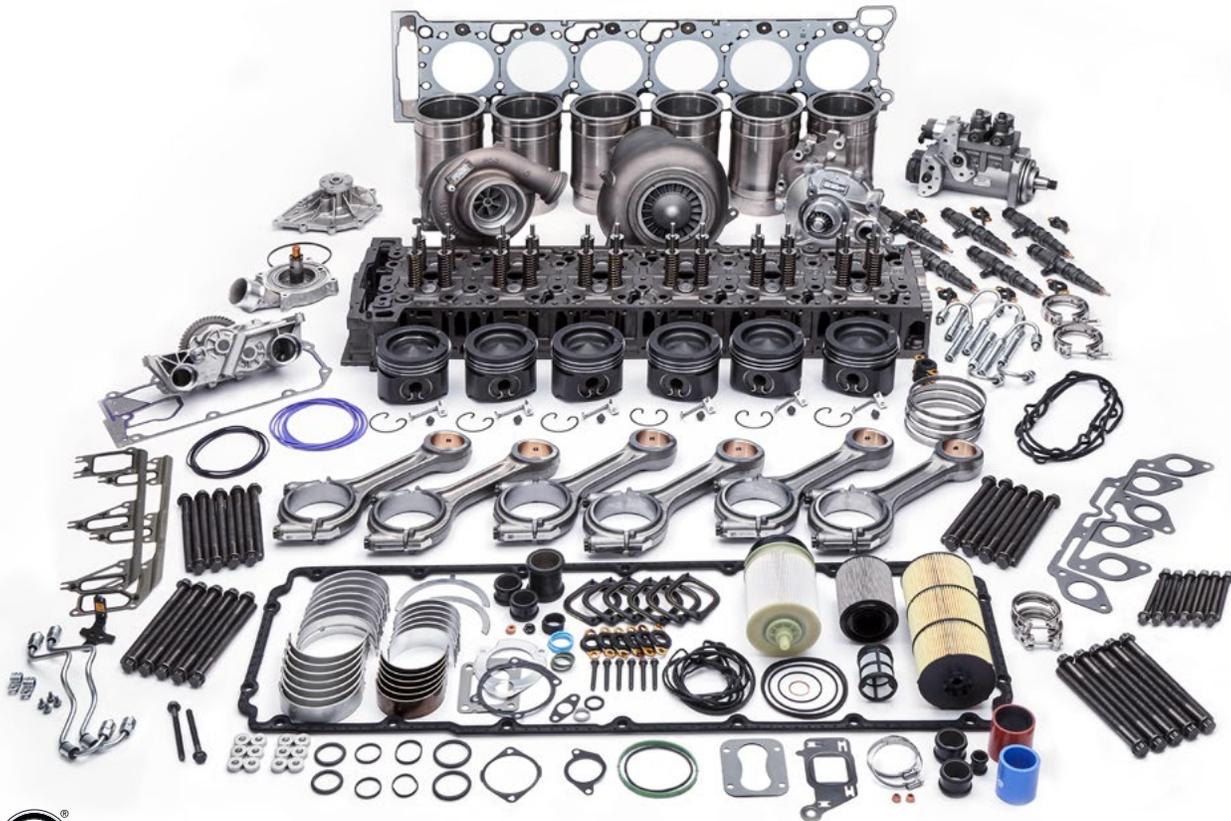
DD13[®] | DD15[®] | DD16[®]

STEP BASIC OVERHAUL

1

Restore Power Efficiency and Reliability

- Complete set of six cylinder kits
 - Pistons, rings, pins and bushings
 - Cylinder liners and seals
- Connecting rods
- EGR actuator linkage nut
- Oil pump²
- Oil filter
- Oil pan gasket
- Coolant filter¹
- Fuel line kit
- Fuel filter kit
- Lower-end bearing kit
 - Upper and lower main bearings
 - Connecting rod bearings
 - Thrust washers
- Cylinder head bolt set
- Cylinder head gasket kit
- Block gasket kit



STEP

2

SUPER OVERHAUL

Reinvigorate Performance and Productivity

Everything in a Step 1: Basic Overhaul PLUS

- Cylinder head assembly²
- High-pressure fuel pump²
- Coolant thermostat

STEP

3

COMPLETE OVERHAUL

Make Your High-Mileage Engine Run Strong and Long

Everything in a Step 2: Super Overhaul PLUS

- PowerPacks™ — a set of six fuel injectors²
- Turbocharger²
- Water pump²
- Axial power turbine^{1,2}
- Axial power turbine gear box^{1,2}

STEP

4

DETROIT® REMAN ENGINE

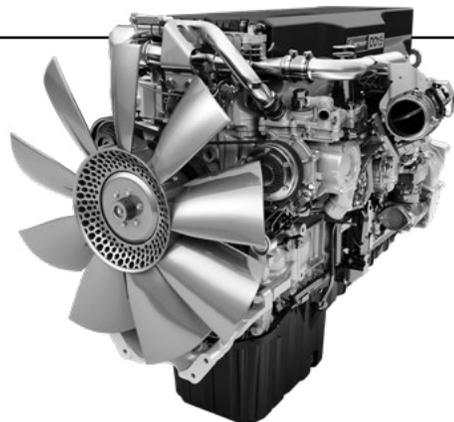
Guaranteed to Run Like New

Detroit Genuine Parts Remanufactured Engine

- Remanufactured, not rebuilt, to the latest engineering and design enhancements
- Factory-tested to OEM specifications

Options

- Reman 3/4 Engine
- Reman PowerChoice Engine³



¹ If applicable based on engine model, must be replaced at time of overhaul.

² New or remanufactured based on availability.

³ Remanufactured to the original engine content and performance specifications based on VIN.

Series 60[®]

STEP

1

BASIC OVERHAUL

Restore Power Efficiency and Reliability

- Complete set of six cylinder kits
 - Piston domes, rings, skirts², pins and bushings
 - Cylinder liners and seals
- Cam-bearing shell set
- Cylinder head bolt set
- Thermostats
- Overhaul gasket kit

Order Separately

- Oil pressure regulator
- Oil pressure relief valve
- Oil pan and rocker cover gaskets
- EGR valve^{1,2}
- EGR cooler^{1,2}
- Lower-end bearing kit
 - Upper and lower main bearings
 - Connecting rod bearings
 - Thrust washers



STEP

2

SUPER OVERHAUL

Reinvigorate Performance and Productivity

Everything in a Step 1: Basic Overhaul PLUS

- Cylinder head assembly²
- Rocker arms²
 - Exhaust and intake

STEP

3

COMPLETE OVERHAUL

Make Your High-Mileage Engine Run Strong and Long

Everything in a Step 2: Super Overhaul PLUS

- PowerPacks™ — a set of six fuel injectors²
- Turbocharger²
- Water pump²

STEP

4

DETROIT® REMAN ENGINE

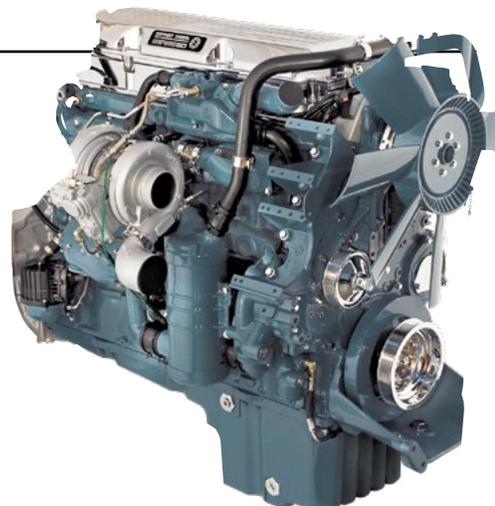
Guaranteed to Run Like New

Detroit Genuine Parts Remanufactured Engine

- Remanufactured, not rebuilt, to the latest engineering and design enhancements
- Factory-tested to OEM specifications

Options

- Reman 3/4 Engine
- Reman PowerChoice Engine³



¹ If applicable based on engine model, must be replaced at time of overhaul.

² New or remanufactured based on availability.

³ Remanufactured to the original engine content and performance specifications based on VIN.

MBE 4000

STEP

1

BASIC OVERHAUL

Restore Power Efficiency and Reliability

- Complete set of six cylinder kits
 - Piston domes, rings, skirts², pins and bushings
 - Cylinder liners and seals
- Overhaul gasket kit
- Thermostat kit
- Lower-end bearing kit
 - Upper and lower main bearings
 - Connecting rod bearings
 - Thrust washers
- Cylinder head bolt set
- Fuel line hardware kit
 - Banjo bolts
 - Fuel line washer
- High-pressure fuel lines
- Transfer tubes
- EGR valve^{1,2}
- EGR cooler^{1,2}



STEP

2

SUPER OVERHAUL

Reinvigorate Performance and Productivity

Everything in a Step 1: Basic Overhaul PLUS

- Cylinder head assembly²
- Rocker arms²
 - Exhaust and intake

STEP

3

COMPLETE OVERHAUL

Make Your High-Mileage Engine Run Strong and Long

Everything in a Step 2: Super Overhaul PLUS

- PowerPacks™ — a set of six fuel injectors²
- Turbocharger²
- Water pump²

STEP

4

DETROIT® REMAN ENGINE

Guaranteed to Run Like New

Detroit Genuine Parts Remanufactured Engine

- Remanufactured, not rebuilt, to the latest engineering and design enhancements
- Factory-tested to OEM specifications

Options

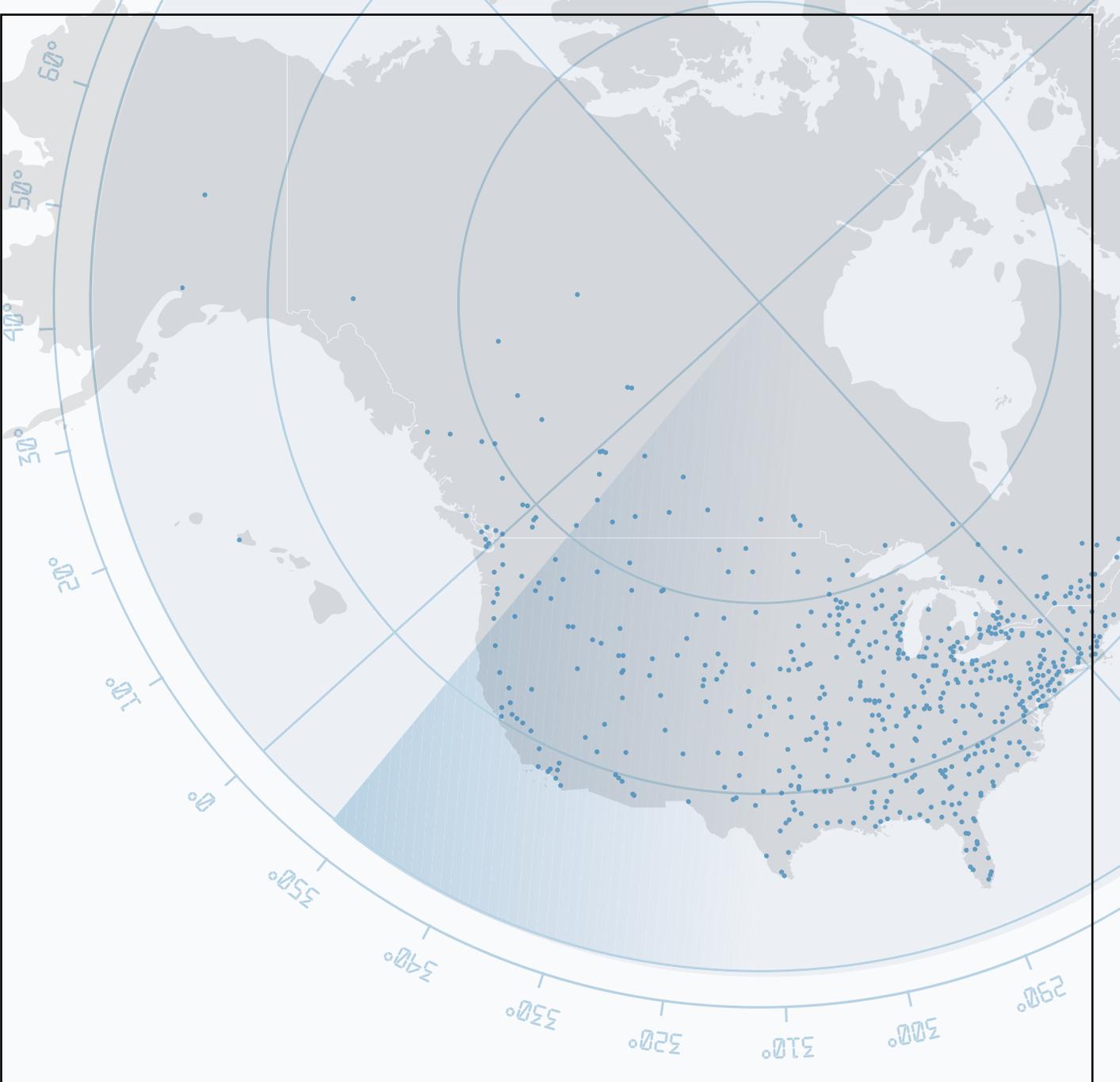
- Reman 3/4 Engine
- Reman PowerChoice Engine³



¹ If applicable based on engine model, must be replaced at time of overhaul.

² New or remanufactured based on availability.

³ Remanufactured to the original engine content and performance specifications based on VIN. Available for select models.



Detroit® Support. Anywhere.

demanddetroit.com



**OVER 700 AUTHORIZED
DETROIT SERVICE OUTLETS**



**REPAIRS PERFORMED BY
DETROIT CERTIFIED TECHNICIANS**



**UNMATCHED AVAILABILITY
OF DETROIT GENUINE PARTS**



**COVERAGE THROUGHOUT
U.S. AND CANADA**

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