

# Leece-Neville

HEAVY DUTY SYSTEMS



## PowerPro<sup>®</sup> & PowerPro<sup>®</sup> Extreme Starters

PowerPro<sup>®</sup> and PowerPro<sup>®</sup> Extreme high-torque heavy duty starters feature exclusive technologies that help reduce operating costs, increase production and decrease downtime.

## PowerPro® 7 Starters

Part #	OCP	Engine Cross Reference
M110601	No	MBE4000 DD-13 DD-15
M110604	Yes	MBE4000 DD-13 DD-15
M110613	Yes	DD-13, DD-15 (2016 & Newer)
M110615	No	CAT C12 CAT C13 CAT C15 CUMMINS ISM CUMMINS ISX CUMMINS N14 DETROIT S60
M110603	Yes	CAT C12 CAT C13 CAT C15 CUMMINS ISM CUMMINS ISX CUMMINS N14 DETROIT S60
M110602	No	VOLVO D12/13 MACK MP8
M110605	Yes	VOLVO D12/13 MACK MP8
M110606	No	MaxForce 11L, 13L
M110610	Yes	MaxForce 11L, 13L
M110608	No	PACCAR MX-11, MX-13

### Product Highlights (PowerPro® 7 Starters)

#### Overcrank Protection (Optional)

Protects the motor in any operating condition for a reliable start anywhere, any time

#### Robust Armature Design

Reduces power losses & provides higher reliability for more consistent performance

#### Heavy Duty Brush Plate

Improves performance through increased surface area & better conductivity

#### High Power Rating

Faster, more efficient crank & source of power

#### Soft Start Relay

Helps eliminate ring gear damage

## Integral Magnetic Switch (IMS)

Helps eliminate voltage drop issues by minimizing wiring between the relay & solenoid

## Sealed Nose Housing

Adds service life & protects internal components

## Performance eCoating

Superior corrosion resistance\*\*

## Rotatable Flange

Ideal for reduced inventory & maximum profit opportunities\*\*

\*\* eCoating and Rotatable Flange not available on M110608

## PowerPro<sup>®</sup> Extreme 5 Starters

### Product Highlights (PowerPro<sup>®</sup> Extreme 5 Starters)

#### Robust Armature Design

Reduces power loss & provides higher reliability for more consistent performance

#### Soft Start Relay

Ensures positive pinion engagement with the flywheel & reduces potential for ring gear damage

#### Integral Magnetic Switch (IMS)

Helps eliminate voltage drop issues by minimizing the ring distance between relay & solenoid

#### Fully Sealed Noseless Design

Adds service life & protects internal components

## General Production Information

## Warranty Information

For more information on the PowerPro® 7 Starters click [here \(http://www.powerprostarters.com/powerpro-7/?utm\\_source=DaimlerPartsCap\\_pp7sec&utm\\_medium=portal\\_page&utm\\_campaign=more\\_info\)](http://www.powerprostarters.com/powerpro-7/?utm_source=DaimlerPartsCap_pp7sec&utm_medium=portal_page&utm_campaign=more_info)

For more information on the PowerPro® Extreme 5 Starters click [here \(http://www.powerprostarters.com/powerpro-extreme-5/?utm\\_source=DaimlerPartsCap\\_ppx5sec&utm\\_medium=portal\\_page&utm\\_campaign=more\\_info\)](http://www.powerprostarters.com/powerpro-extreme-5/?utm_source=DaimlerPartsCap_ppx5sec&utm_medium=portal_page&utm_campaign=more_info)

#### **PowerPro Extreme 5: Prestolite Power Promise:**

Each PowerPro Extreme 5 starter now carries a complete 2-year/unlimited mileage warranty for truck applications and 3-year/unlimited mileage warranty for school bus applications and an extended list of available qualifying failure claims. Learn more [here \(https://www.powerprostarters.com/wp-content/uploads/2020/09/PEI-PPP-Warranty-Flyer-0920-web.pdf\)](https://www.powerprostarters.com/wp-content/uploads/2020/09/PEI-PPP-Warranty-Flyer-0920-web.pdf) .

#### **PowerPro7:**

Truck Applications, 1-Year/150,000-Miles\* / 3-Year/350,000-Miles\* with OCP.

\*Check with your Prestolite representative for more details

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