

# PowerPro™ 7 Starters

## Heavy Duty Gear Reduction Design

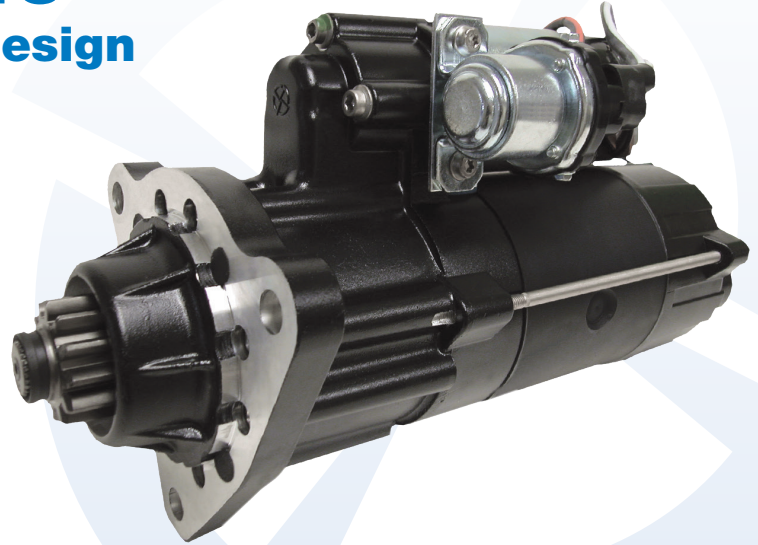
12V 7kW

Ideal for Diesel Engines Up to 16L

Drop-In Replacement for 39MT†

Leece-Neville PowerPro™ starters offer unmatched reliability and performance in a space-saving package. These advanced starters integrate the latest technologies available to provide reliable performance at each and every start, including an electrical soft-start relay that allows the pinion to properly engage the ring gear before cranking plus overcrank protection that protects the starter from high-temperature damage when starting the motor in extreme conditions.

PowerPro 7 high-torque starters for heavy duty diesel engines up to 16L include a heavy duty gear reduction design that delivers 12V 7kW starting power. Engineered to include global technologies developed by Prestolite, PowerPro 7 starters can help to significantly reduce overall operating costs and maintenance-related downtime.



### FEATURES

### BENEFITS

<b>Overcrank Protection (Optional)</b>	Protects the motor in any operating condition for a reliable start anywhere, any time
<b>Robust Armature Design</b>	Reduces power losses & provides higher reliability for more consistent performance
<b>Heavy Duty Brush Plate</b>	Improves performance through increased surface area & better conductivity
<b>High Power Rating</b>	Faster, more efficient crank & source of power
<b>Soft Start Relay</b>	Helps eliminate ring gear damage
<b>Integral Magnetic Switch (IMS)</b>	Helps eliminate voltage drop issues by minimizing wiring between the relay & solenoid
<b>Sealed Nose Housing</b>	Adds service life & protects internal components
<b>Performance eCoating</b>	Superior corrosion resistance**
<b>Rotatable Flange</b>	Ideal for reduced inventory & maximum profit opportunities**

### SPECS

<b>Engine Size</b>	Up to 16L, 12V
<b>Rotation</b>	Clockwise
<b>Mounting</b>	SAE #1, SAE #3
<b>Pinion Data</b>	M110601, SAE 3, 12 Tooth, 52.5° M110602, SAE 3, 12 Tooth, 82.5° M110603, SAE 3, 11 Tooth, 82.5°, OCP M110604, SAE 3, 12 Tooth, 52.5°, OCP M110605, SAE 3, 12 Tooth, 82.5°, OCP M110606, SAE 3, 12 Tooth, 292.5° M110608, SAE 3, 12 Tooth, 51° M110610, SAE 3, 12 Tooth, 292.5°, OCP M110613, SAE 3, 11 Tooth, 292.5°, OCP M110615, SAE 3, 11 Tooth, 82.5°
<b>Output</b>	7kW per SAE J544
<b>Weight</b>	Less than 30 lbs.
<b>Warranty</b>	Truck Applications, 1-Year/150,000-Miles*/ 3-Year/350,000-Miles* with OCP



†39MT is a registered trademark of BorgWarner

\* Check with your Prestolite representative for more details

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

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### PowerPro™7 Competitive Interchange Data

PRESTOLITE	DELCO REMY††				PACCAR	MITSUBISHI			ENGINE CROSS REFERENCE
M110601	10461773	8200084				FL1179	MIB970379		MBE4000 DD-13 DD-15
	19011514	8300013				M9T70379	MIB971179FL		
M110604	19011525	8200287	8300008			FL1179	MIB971179		
	8200082	8200434				MIB970379	MIB971179FL		
M110613	61000704	8201004							DD-13, DD-15 (2016 & Newer)
M110615	10461033	10479037	1990358	1993816		20851006	MIB970777FL		CAT C12 CAT C13 CAT C15 CUMMINS ISM CUMMINS ISX CUMMINS N14 DETROIT S60
	10461038	10479072	1990375	323-867		D61-6002-004	MIB970975		
	10461042	10479081	1990376	323-871		D61-6002-008	MIB970975FL		
	10461052	10479150	1990386	8200029		FL0579	PB0979		
	10461053	10479156	1990398	8200031		FL0777	PC0779		
	10461126	10479160	1990400	8200033		FL0975	PC0979		
	10461127	10479277	1990420	8200037		IN1478	PC1479		
	10461164	19011500	1990423	8200038		M009T70979	PC1879		
	10461214	19011505	1990424	8200040		M970979	VV0776		
	10461267	19011506	1990450	8200050		M983579	VV0776		
	10461334	19011508	1990468	8200088		MIB970777	VV0776		
	10461592	19011516	1990470	8200090			VV0977		
	10461753	19011518	1990475	8200091					
	10461755	19011521	1990478	8200104					
	10461777	19011529	1990483	8200288					
	10478810	19011530	1990490	8200290					
10478894	19011531	1990495	8300017						
10478895	1990337	1993803	8300019						
10479028	1990352	1993807	8300020						
M110603	10461028	10461183	10479082	1990428		20851006	M009T70979	PB0979	
	10461055	10461185	10479161	1990489		D61-6002-004	M970979	PC0779	
	10461062	10461232	1990355	1993776		D61-6002-008	M983579	PC0979	
	10461075	10479030	1990391	8200289		FL0579	MIB970777	PC1479	
	10461096	10479038	1990393	8200308		FL0777	MIB970777FL	PC1879	
	10461165	10479062	1990421	8300009		FL0975	MIB970975	VV0776	
					IN1478	MIB970975FL	VV0977		
M110602	10461162	10479154	8200028	8200291		21019456			VOLVO D12/13 MACK MP8
	10461216	10479191	8200030	8200417		21019460			
	10461265	19011510	8200042	8200572		MK2078			
	10461328	19011513	8200045	8300004		MK2079			
	10461757	19011515	8200058	8300015		VV2079			
	10461760	19011517	8200087	8300060		W2079			
	10478962	323-894	8200186						
10479026	8200007	8200214							
M110605	8200252	8200433	8300074						
M110606	8200210	8200470	8200817			3667911C91			MaxForce 11L, 13L
	8200433	8200606	8300062			IN2178			
M110610	8200433								
M110608	8200977				D61-6002-011				PACCAR MX-11, MX-13

††Delco Remy is a registered trademark of General Motors Corporation, licensed to BorgWarner PDS (Anderson) L.L.C.

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