



# Metro Auto Industrial Inc.

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No.225

## DENSO PLGR (PA90) STARTER UNIT & PARTS

### 19120N

#### Starter

Denso PLGR PA90  
12V, 2.7kw, CW, 11T  
**For:** 2007 Bluebird, Capacity & Ottawa  
Applications with Cummins ISB Engines  
**OE:** 428000-512  
**Lester:** 19120  
**Note:** PIC 190-9060



### 16020N

#### Starter

Denso PLGR PA90  
12V, 2.7kw, CW, 11T  
**For:** Thomas Bus Applications with  
Cummins ISB Engines  
**OE:** 428000-531  
**Lester:** 19335  
**Note:** PIC 190-9062



### 19856N

#### Starter

Denso PLGR PA90S  
12V, 3.0kw, CW, 10T  
**For:** Case/ New Holland  
**OE:** 428000-6030, 428000-9910  
**Lester:** 19856  
**Note:** PIC 190-6318



### 19029N

#### Starter

Denso PLGR PA90  
12V, 3.0kw, CW, 13T  
**For:** Dodge Ram  
**OE:** 428000-333, 428000-611  
**Lester:** 19029  
**Note:** PIC 190-799C, 190-799D.  
Replace to 17548, 17892 (OSGR)



### 19808N

#### Starter

Denso PLGR PA90S  
12V, 3.0kw, CW, 11T  
**For:** Freightliner Workhorse  
**OE:** 428000-5230  
**Lester:** 19808  
**Note:** PIC 190-9061



### 30483N

#### Starter

Denso PLGR PA90  
12V, 4.8kw, CW, 10T  
**For:** Various w/Cummins ISB 6.7L  
**OE:** 428000-711, 428000-994  
**Lester:** 30483  
**Note:** PIC 190-6344, 190-9220



### 66-82669C

#### Cap-Solenoid

Denso PLGR PA90  
**Reference:**  
**Dim:**  
**Lester:** 19029  
**Note:**



### 66-82668C

#### Cap-Solenoid

Denso PLGR PA90  
**Reference:**  
**Dim:**  
**Lester:** 19120  
**Note:**



### 61-82507

#### Armature

Denso PLGR PA90  
**Reference:**  
**Dim:**60.2mm OD x  
156.3mm OA  
**Lester:** 19029, 19120,  
19183, 19201, 19335  
**Note:**



### 69-82509

#### Brush Holder

Denso PLGR PA90  
**Reference:**  
**Dim:**  
**Lester:** 19029, 19120,  
19183, 19201, 19335  
**Note:**



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