

Replacement Pinions and Gears for EMD* Locomotives

EMD PINIONS	
Teeth	Part Number
12	8452310
12	8168516 **
Sleeve	8034931
13	8428702 **
14	9556207
14	8179135 **
15	40006705 **
	9096751
15	8459295 **
15	8458508 **
16	40023052 (helical)
16	40106309 (helical)**
16	40060860
16	40033875
16	8210792
16	8341961 **
16	9556208 **
17	8206504
17	40006706 **
	9315722
17	9556209 **
	8452314
17	9557232
18	9332201
18	9556210
	8452315
18	40089075
	9557233
18	9549922 **
19	9326333
	9556211
19	9563399
	9332202
20	9332203 **
20	9556212 **
	9326334
21	9556213
22	9556214

EMD BULL GEARS	
Teeth	Part Number
55	40049656
	8184342
56	40049748
	8184396
56	40049749
57	40049657 **
	8184325
57	40049652 **
	40009126
57	40051127 **
	8491290
57	40051125
	8341962
57	4009126
58	40049658 **
	8184378
58	40051126
	8458509
59	40049659
	8184333
60	40049660 **
	8179295
61	40049661
	8184341
61	9549825
62	40068526
62	40068527
62	40049185 **
	8109579
62	9318170
62	8417930
62	9560538 **
	8203643
62	40051132
	8459296
63	40051133 **
	8200600
63	8326122
63	8402408
63	40051136
	8452886
64	40051134
	8428701
65	40049663
	8178812
66	40049647
	9556137
66	40085385
69	40047890
	9556135
69	40016821
70	40012160 **
	9556134
70	40047891 **
	40009480
70	40049306
70	40068529
71	40127727
	9557039
82	40049672
	9563406
83	40035909 **
83	40060861
83	40106324 (helical)**
85	40023051 (helical)

EMD ENGINE GEARS	
Teeth	Part Number
265	40051536
	8416930
265	40121149 **
	40051536-S
	8416930-S
265	40122615 **
265	40114007
280	40119488
79	8069019
SLEEVE	8489656

EMD ARMATURE SHAFTS	
Motor	Part Number
D37,D47, D57,D67, D77,D78	8307430 **
	replaces 8277764 8168515
D37,D47, D57,D67, D77,D78	8307435 (.005 oversize)
	8307432 (.025 oversize)
	8307433 (.060 oversize)
D29	8307431
	8307442 (.005 oversize)
	8307443 (.025 oversize)
D43	9566868
	9323978
D87	9519133
D87B	9550074
D37,D47, D57,D67, D77,D78	8168516 **
	Integral Armature Shaft

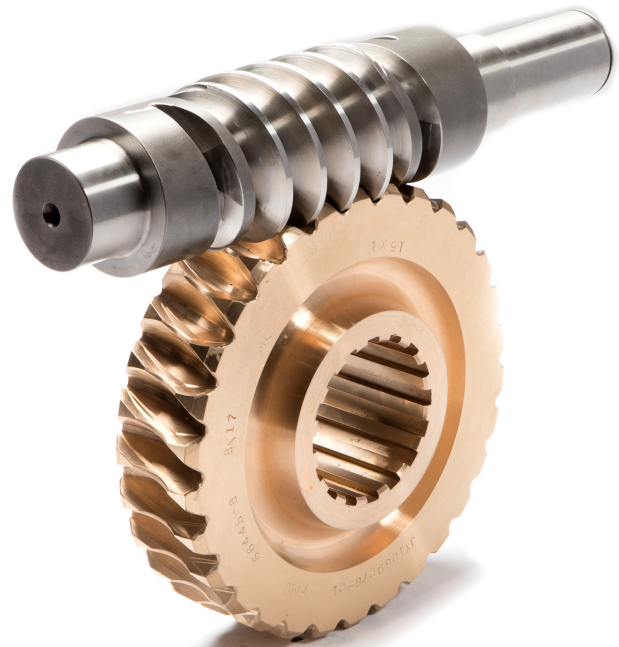
Penn Machine Company maintains inventory of popular replacement parts for immediate delivery.

Items marked ** are PMC Stocked Inventory Item.

Contact us for you requirements.

* EMD is a trade designators of Electro-Motive Diesel, Inc. Penn Machine Company is not an authorized EMD distributor, nor is otherwise associated or affiliated with EMD. However, Penn Machine Company does represent that its replacement parts, components, subsystems, and services are compatible with and usable on EMD locomotives.

** Part availability continues to expand. If your requirements are not shown on this list, call us at 814.288.1547 or email us at pmcsales@pennmach.com.



A Leader in Wheels & Maintenance Equipment for Transit, Rail & Mining/Industrial Applications

In 1920, Penn Machine Company (PMC) began as a coal company and pioneered the manufacture of quality replacement parts for coal mining equipment. Over the years, the company has grown to become a major supplier of heavy-duty OEM and aftermarket components for transit, railroad, mining, steel, construction, and general industrial applications. Our business is domestic and international in scope. Our capabilities and experience combine to provide a wide range of quality manufactured products and services. Penn Machine is comprised of three market-focused stand-alone business units: Transit, Locomotive, and Industrial/Mining, with operations in Johnstown and Blairsville, PA. Penn Machine Company is part of Marmon Holdings, Inc., a global organization of manufacturers owned by Berkshire Hathaway Inc.



American Gear Manufacturers Association



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