



LUNAR® AIR DISC BRAKES

SHORTER STOPPING, LONGER LIFE



Lunar is compliant with EPA, NPDES, and industry Copper-Free brake initiatives through 2025.



STEMCO®

A Higher Standard of Performance.™

Making the Roadways Safer®

an EnPro Industries company

STEMCO®

STEMCO® Lunar air disc brakes help even the heaviest commercial vehicles meet Federal Motor Vehicle Safety Standard (FMVSS) 121 maximum stopping distances.

LUNAR®

LUNAR AIR DISC BRAKE PADS

KEEPING YOU SAFE

Lunar brake pads help meet maximum stopping distances per FMVSS 121.

RUGGED

Each pad comes standard with anti-corrosion coating and a mechanical retention system to increase sheer strength and reduce noise. A V-groove aids in airflow to remove gasses during a braking event for improved friction responsiveness.

ENGINEERING PERFORMANCE

Lunar brake pads are designed and built to withstand extreme temperatures.



V-groove aids in airflow

Mechanical retention system

Premium formulation provides high performance

Corrosion resistant coating provides maximum protection

LUNAR® HP

LUNAR HP AIR DISC BRAKE PADS

FOR EXTREME DUTY

Lunar HP is the brake pad of choice for severe-duty applications. Lunar HP successfully passed FMVSS 121 testing up to 28.8K GAWR. With its high performance capability and REG90 certification, Lunar HP outperforms the competition.

EVEN TOUGHER

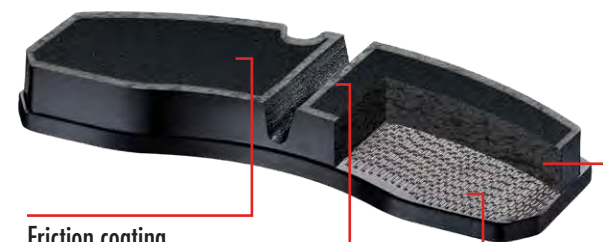
An advanced wear formula means Lunar HP brake pads are designed and built to withstand extreme temperatures.

ADVANCED DESIGN

Lunar HP brake pads have industry-leading rotor wear performance and are engineered to deliver stopping power while being less abrasive to the rotor. A V-groove aids in airflow to remove gasses during a braking event for improved friction responsiveness.

IMPROVED PERFORMANCE

Full face burnish coating to promote consistent bedding performance.



Friction coating improves out-of-the-box performance

Large V-groove relieves surface tension

Premium Mechanical Retention System backing plate

Advance wear formula for superior performance in extreme environments



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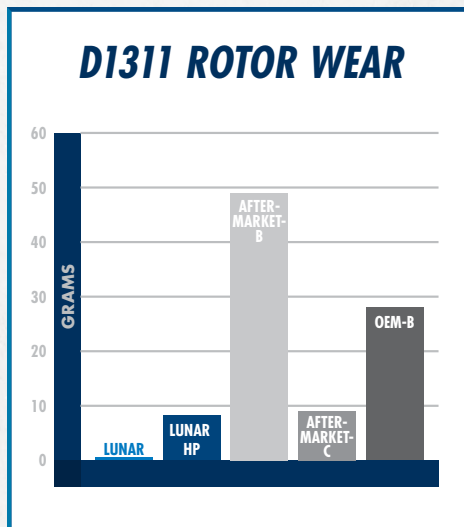
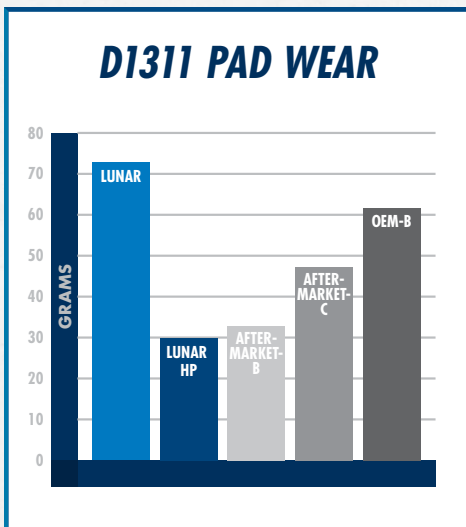
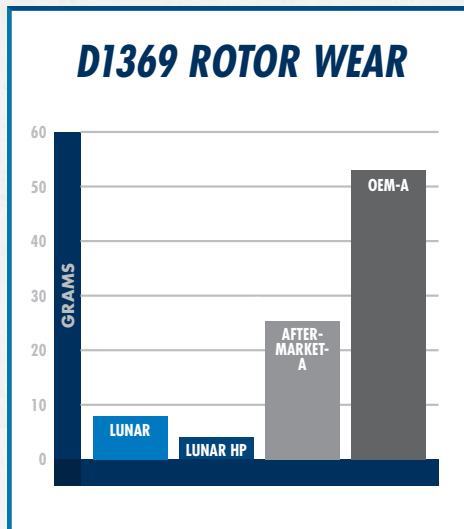
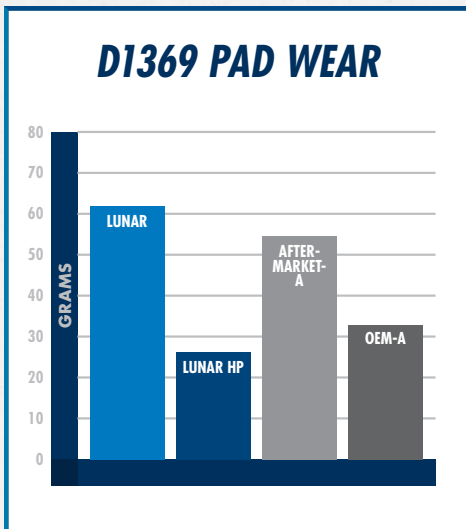
APPLICATION GUIDE

BACKING PLATE #	FMSI	WVA	APPLICATION		CALIPER	OE NUMBERS
AD1311LHP	8426 D1311	29187	Garbage Truck	MCI BUS (285mm) wheel	Orion, NABI, ELSA H-2, Meritor #s 2252H2CD, MA761GG 11.250", Meritor EX225 H-2	3222-F-F2476, 2252H2CD
AD1311L	8426 D1311		Coach Bus			
AD1203LHP	8323 D1203	29087, 29015, 29106, 29108, 29109, 29163, 19179, 29201, 29202, 29275	Coach Bus	Nova Bus, Prevost, Bendix # 5013257	Knorr Bremse Model SB-7, SN-7	000421-0510/4310, 000420-4920/1020/2020, 003420-1620/2220/3220/3520, 004420-2220/6020, 1138162F, 5013257/K109250
AD1203L	8323 D1203		Fire Truck			
AD1312LHP	8427 D1312	29090	Charter Bus	MCI – Renaissance, Meritor # 68932068N2P	Lucas Girling – Meritor D – LISA	3093939, 3093919, 20825594, 85105485, 85506111
AD1312L	8427 D1312					
AD1369LHP	8479 D1369	29158	Tractor	Bendix # 802078, Hendrickson Trailer Axle	Knorr Bremse Model SK-7, (ADB22X)	K070796, 802078, 828863ETN, K109113, 0044207020, 3057008500
AD1369L	8479 D1369		Trailer			
AD1407LHP	8515 D1407	29030, 29083, 29084	Coach Bus	Van Hool, Nova, Orion VI, ELSA 1. MAN # 68325011	Lucas Girling – Meritor D–Elsa	10714240, 282147400, 29020, 508205020/6016
AD1407L	8515 D1407		Coach Bus			
AD1310LHP	8425 D1310	29131, 29156	Coach Bus	VOLVO, Van Hool, OE# N508206051, Meritor MDP-5060	Lucas-Meritor ELSA 2	N508206052, 85107768, 6832-6015, 5910, 5346, 5344, 4957, 4558
AD1310L	8425 D1310		Coach Bus			
AD1518LHP	8727 D1518	29088	Refuse	Fits 2002 Mack Freedom with 17" Wheels	Wabco part number PAN17	261112999703VT, 24070005, 1906467, 12999-743, 667, 577, 12182145
AD1518L	8727 D1518		Garbage Truck			
AD1690LHP	8917 D1690	29187	This is a design change to the 1311	Prevost–BUS	Meritor / EX225H2	3222-F-F2476, 2252H2CD
AD1690L	8917 D1690		Coach Bus, Garbage Truck			
AD1708LHP	8931 D1708	29174, 29219, 29204, 29218, 29216	Volvo Truck and Bus	Volvo	BRAKE MFR. & SYSTEM: Meritor / ELSA225-3	20568711, 20568714, 21024701, 21024702, 21496550, 5001 864 363
AD1708L	8931 D1708					
AD1441LHP	8577 D1441	29120	Trailer	SAF Axles, SMB Axles	Bendix ESD225	976003N, 87407, M910027-03, 81163
AD1441L	8577 D1441					
AD1560LHP	8771 D1560	29125	Tractor	Volvo	Meritor / D-Duco	20918891, 20931343, 20932682, 3095396, 20768092, 1078439
AD1560L	8771 D1560		BUS			
AD1323LHP	8435 D1323	29188	Garbage Truck	XX, ELSA H-3 Transit, Meritor # 2252H3CE, MA721, 3222G2477 13.250" (335mm) wheel	Meritor EX225 H-3	KIT2252H3CE, KIT2252H3BE
AD1323L	8435 D1323		Coach BUS			
AD1525LHP	8733 D1525	29124, 29155		Trailer Axles	Meritor / DX 195	KIT195020, 15224835, MDP1314, MDP5076, 3222-T-2308
AD1525L	8733 D1525					
AD1370LHP	8480 D1370	29189	Coach Bus	Transit Bus mainly, Prevost	Meritor / EX225L2	KIT2252L2DA, KIT2252L2CD
AD1370L	8480 D1370					
AD1527LHP	8735 D1527	29185		SAF Axles, SMB Axles, Scania	Haldex / DB22	790-22008, 790-22031
AD1527L	8735 D1527					
AD1777LHP	9007-D1777	29165			WABCO-PAN22T, MAXX22T	12999796, S-32676-1
AD1777L	9007-D1777					
AD1438LHP	8556-D1438	29126, 29159, 29168		Trailer axles up to 19,500 GAWW	WABCO PAN-19	12-999-737VT
AD1438L						
AD2061LHP	9294-D2061	29011, 29032, 29043		Freightliner – Western Star	MAXXUS	640-322-934-2
AD2061L						

TESTED FOR TOUGHNESS

Rigorous product testing helps STEMCO refine our designs with proprietary material, manufacturing and design science, and provides the foundation for an increased life expectancy of our air disc brake pads. To accurately assess product performance and wear, STEMCO Lunar and Lunar HP air disc brake pads were independently tested against leading OEM and aftermarket pads by a third party test facility using FMVSS 121 and SAE test standards.

Performance testing shows using Lunar and Lunar HP resulted in less rotor wear than original equipment.



WHY USE STEMCO LUNAR AND LUNAR HP

PERFORMANCE AND SAFETY

- Highly engineered air disc pads that utilize proprietary formulas manufactured by STEMCO.
- Extended rotor life — performance testing of Lunar and Lunar HP resulted in less rotor wear than original equipment.
- V-Groove provides stress relief, improved air flow, and improved stopping power.
- Pre-applied burnish coating reduces break-in period (Lunar HP).
- Help meet maximum stopping distances per FMVSS 121 standards.

COPPER FREE COMPLIANT

- Formulas carry the "N" leaf designation and are compliant with EPA, NPDES, and industry Copper-Free brake initiatives through 2025.

VERSATILITY

- Can be used in a broad range of truck, trailer, and transit applications.

Making the Roadways Safer®

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