



COMMERCIAL VEHICLE COMPONENTS LLC



LUNAR[®] HP

FOR COMMERCIAL VEHICLE AIR DISC BRAKES



SHORTER STOPPING, LONGER LIFE

Lunar air disc brakes help even the heaviest commercial vehicles meet Federal Motor Vehicle Safety Standard (FMVSS) 121 requirements



LUNAR[®] HP

AIR DISC BRAKE PADS

LUNAR[®] LUNAR AIR DISC BRAKE PADS KEEPING YOU SAFE

Lunar brake pads meet FMVSS 121 requirements.

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.

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.

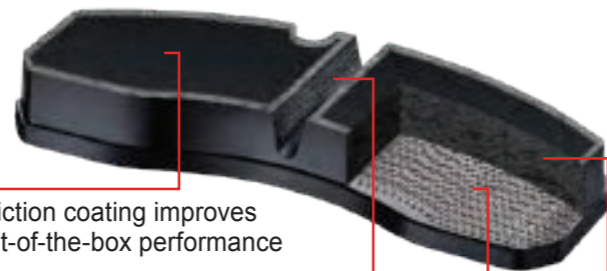


V-groove aids in airflow

Mechanical retention system

Premium formulation provides high performance

Corrosion resistant coating provides maximum protection



Friction coating improves out-of-the-box performance

Large V-groove relieves surface tension

Premium Mechanical Retention System backing plate

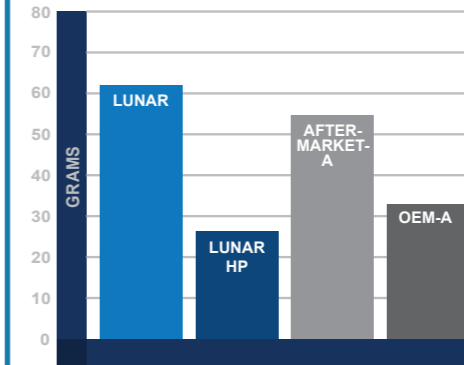
Advance wear formula for superior performance in extreme environments

TESTED FOR TOUGHNESS

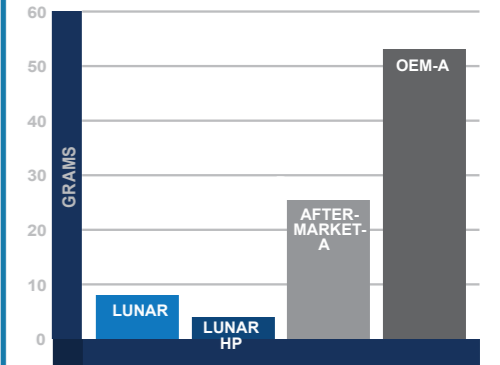
Rigorous product testing helps refine our designs with proprietary material, manufacturing and design science, and provides the foundation for an increased life expectancy of our air disc brake. To accurately assess product performance and wear, Lunar and Lunar HP air disc brake pads were independently 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.

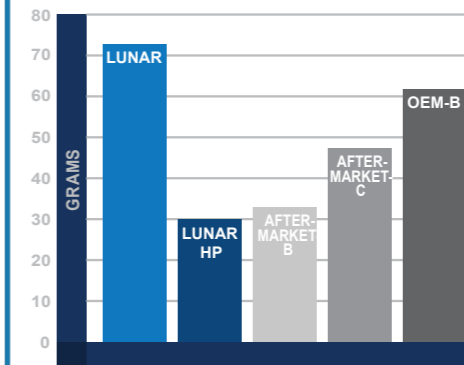
D1369 PAD WEAR



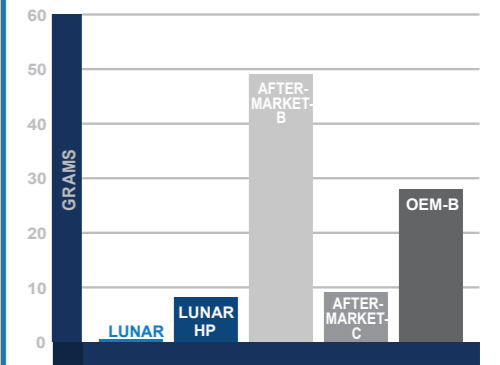
D1369 ROTOR WEAR



D1311 PAD WEAR



D1311 ROTOR WEAR



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

WHY USE**PERFORMANCE AND SAFETY**

- Highly engineered air disc pads that utilize proprietary formulas manufactured by CVC.
- 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.

LUNAR[®] HP APPLICATION CHART

LUNAR HP PART NO.	OE MAKER	OE CALIPER	OE APPLICATION	PAD REFERENCE #	FMSI No.
AD1203LHP	BENDIX/KB	SB7, SN7	COACH BUS	5013257	D1203-8323
AD1369LHP	BENDIX/KB	ADB22X, SK7	TRACTOR / TRAILER	802078, K070796	D1369-8479
AD1369LHP-C	BENDIX/KB	ADB22X, SK7	TRACTOR / TRAILER	802078, K070796, K129276	D2403-9633
AD1527LHP	HALDEX	MODULX-DB22	TRAILER	790-22008, 790-22031	D1527-8735
AD1583LHP	HALDEX	DB22LT	TRAILER	790-22040	D1583-8795
AD1310LHP	MERITOR	LUCAS_D-ELSA2	COACH BUS	68324558, N508206051/52, MDP5060	D1310-8425
AD1311LHP	MERITOR	EX225_H2_	COACH BUS, GARBAGE	3222F2476, 2252H2CD	D1311-8426
AD1312LHP	MERITOR	D_LISA	COACH BUS-MCI	68932068N2P, 3093939 / 3919, 20825594, 85105485	D1312-8427
AD1323LHP	MERITOR	EX225_H3	TRANSIT	2252H3BE/CE. 3222G2477	D1323-8435
AD1370LHP	MERITOR	EX225_L2_Std Duty	COACH BUS	2252 L2 CD	D1370-8480
AD1370L2CGLHP	MERITOR	EX225L	TRUCK, BUS	2252 L2 CD	NONE
AD1407LHP	MERITOR	D LISA1	COACH BUS	N508205020 / 6016 / 6046, 10714240, 28214T400, 29020	D1407-8515
AD1441LHP	MERITOR	ESD225	TRAILER	976003N, 87407, 81163, M910027-03	D1441-8577
AD1525LHP	MERITOR	DX195	COACH, TRANSIT	KIT195020, 3222-T-2308, 15224835, MDP1314	D1525-8733
AD1526LHP	MERITOR	DX225	COACH, TRANSIT	KIT225020	D1526-8734
AD1560LHP	MERITOR	D DUCO	TRACTOR	20918891, 20931343 / 2682, 20768092, 3095396, 1078439	D1560-8771
AD1690LHP	MERITOR	EX225 H2	BUS	2252H2BA, 2252H2CD, 3222-F-F2476	D1690-8917
AD1708LHP	MERITOR	ELSA 225-3	TRUCK, BUS	21024701 / 702, 20568711 / 8714, 21496550, 5001 864 363	D1708-8931
AD1438LHP	WABCO	PAN19	TRAILER	12999737VT	D1438-8556
AD1517LHP	WABCO	PAN19-2	MACK FREEDOM	12999747VT	D1517-8726
AD1518LHP	WABCO	PAN17	REFUSE, GARBAGE	2611-12999703VT, 12999-743 / 667 / 577, 24070005, 1906467	D1518-8727
AD1777LHP-1	WABCO	PAN22	TRAILER	640 225 922 2, 12999796	D1777-9007
AD1777LHP-2	WABCO	MAXX22T	HENDRICKSON	640 222 927 2, S-32676-1	
AD2061LHP	WABCO	MAXXUS	TRACTOR	640 322 934 2	D2061-9294
AD2252LHP	SAF	P89 ST7	TRAILER	3057000600	D2252-9490



COMMERCIAL VEHICLE COMPONENTS LLC

All our products are engineered in the US for quality assurance and tested at an independent facility in Detroit.