

# ROAD LEVELER

OEM Quality  
Brake Shoes and  
Hardware Kits  
for All Makes of  
Trucks & Trailers



## BRAKE SHOES AND HARDWARE KITS

OE EXTENDED SERVICE FRICTION • STANDARD & PREMIUM FRICTION  
SEVERE SERVICE FRICTION • 20K & 23K TRACTOR TRAILER APPLICATIONS



# ROADLEVELER® HEAVY-DUTY BRAKE PROGRAM

## The ROADLEVELER Advantage

The ROADLEVELER heavy-duty brake program offers both OEM and aftermarket products to meet every application-specific demand. It exemplifies the consistency in quality and performance required from truck production to aftermarket service. All ROADLEVELER products meet or exceed FMVSS121 requirements at a competitive cost.

## ROADLEVELER Friction Material

**OE Friction:** ROADLEVELER OE friction offers the identical Bendix® ES™(Extended Service) friction material used on new PACCAR vehicles. Extended Service™ (ES) friction materials are 22% thicker than standard platform friction materials. The combined density and thickness provides a 30% to 35% increase in life expectancy over standard platform friction material.

**Premium Friction:** ROADLEVELER Premium grade friction material compound is engineered to handle high braking duty cycles encountered in city pickup and delivery and highway applications where steep grades are encountered. It provides excellent lining life, superb stopping power, minimal drum wear and superior resistance to fade.

**Standard Friction:** ROADLEVELER Standard grade friction materials provide dependable stopping power, good fade characteristics, quiet operation, excellent value and performance and good lining life. It is ideally suited for medium-duty on-highway, dry freight, inter-modal leasing and straight truck applications.













**Economy Friction:** ROADLEVELER Economy friction is best suited for light-and medium-duty on-highway trailer, straight truck and tractor applications. It is uniquely formulated to provide consistent braking performance and reliable lining life.

*Bendix and ES are trademarks of Bendix Commercial Vehicle Systems LLC.*

ROADLEVELER	OEM 20K	OEM 23K	20K Econ	20K Std	20K Prem	23K Std	23K Prem	23K Severe Service
Lining	ES420	ES600	ECN20	STD20	PR20	STD23	PR23	SS23
Resists Fade	Superior	Superior	Good	Better	Best	Good	Best	Superior
AL Factor	165	165	165	165	165	165	165	165
Noise Level	Quiet	Quiet	Quiet	Quiet	Quiet	Quiet	Quiet	Quiet
Lining Wear	Superior	Superior	Better	Better	Best	Good	Best	Superior
Drum Wear	Superior	Superior	Good	Better	Best	Good	Best	Superior
Duty Cycle	Moderate to Heavy	Moderate to Heavy	Standard	Standard	Moderate to Heavy	Standard	Moderate to Heavy	Heavy

The data supplied on this page is from dynamometer tests only. Performance on the vehicle may differ depending on load, terrain and operator.

# ROADLEVELER® Linings Typical Application Chart

Typical Application		Platform	Good	Better	Best
Refuse		Standard	N/A	23K Premium	Severe Service
		Extended Service	ES600	ES690	ES680
Mixer (tandem axle)		Standard	N/A	23K Premium	Severe Service
		Extended Service	ES600	ES690	ES680
Tandem Dump		Standard	N/A	23K Premium	Severe Service
		Extended Service	ES600	ES690	ES680
Beverage		Standard	20K Premium	23K Standard	23K Premium
		Extended Service	ES420	ES600	ES680
School Bus		Standard	20K Premium	23K Standard	23K Premium
		Extended Service	ES420	ES600	ES680
Tri-Axle Dump Trailer		Standard	23K Standard	23K Premium	Severe Service
		Extended Service	ES600	ES690	ES680
Tanker		Standard	20K Premium	23K Standard	23K Premium
		Extended Service	ES420	ES600	ES690
Double		Standard	20K Standard	20K Premium	23K Standard
		Extended Service	ES410	ES420	ES600
Moving Van Low Profile		Standard	20K Standard	20K Premium	23K Standard
		Extended Service	N/A	ES420	ES600
Tandem Axle Tractor Trailer		Standard	20K Standard	20K Premium	23K Standard
		Extended Service	ES410	ES420	ES600
Flatbed		Standard	20K Standard	20K Premium	23K Standard
		Extended Service	ES410	ES420	ES600
Single Axle Tractor Trailer		Standard	23K Standard	23K Premium	Severe Service
		Extended Service	ES600	ES690	ES680

## ROADLEVELER Hardware Kits

ROADLEVELER offers both the original OES hardware found in current production brake assemblies and OE approved heavy-duty hardware kits for all-makes applications. ROADLEVELER hardware kits contain heavy-duty return springs, stainless steel anchor pin bushings and knurled rollers. These heavy-duty components meet the demands of extended service braking systems, maximize performance and provide the lowest cost per mile. Whatever the application, there is a ROADLEVELER brake hardware kit engineered to meet your needs.



## Friction Material Cross Reference

<b>ROAD LEVELER</b>	OEM 20K	OEM 23K	20K Economy	20K Standard	20K Premium	23K Standard Premium	23K Severe Service
ROADLEVELER®	ES420	ES600	ECN20	STD20	PR20	STD23 PR23	SS23
ABEX	3030-197 3030-67	*931-162	XC6085 *XL6014	*ANP6166	*EN6008 EL6011	*AX6149 *EX685	*6098
Brake Pro		CM22A1	CM14	CM16		CM18 CM20	CM22A1
Bendix Spicer	EES420	EES600	Green	Silver	Blue	Red / Yellow	Gold
Carlisle	MB21	MB23	NA100 EC20	MB20	MB21	**MB44 MB23	**MBC62
Haldex	GR3010	GH3023	*GN2017	GF3008 GD2016	GS2015 GR3010	GH3023 GG3020	GG3020
Marathon			MH	UB	DB	FLOE	HS
Meritor	MA212 MA210	MA310 *MA312	*EG	MG1	MG2L MA212	*MG2 MA301 *MA312 MA302	MA310 *MA312 **CG
Fleetpride			OTRBRZ	OTRBLK	OTRBLU	OTRRED OTRGOLD	OTRGOLD
Neo Brake			*Neo-ECO *NB180		NB200	NB225 *NB230	NB240
TruckPro			Armada AR1	Armada AR1	Armada AR2	Armada AR3	Armada AR4
Vipar			VIPRO 20KSTD	VIPRO 20KSTD	VIPRO 20KPRE	VIPRO 23KPRE	

\*All comparisons based upon 165 AL factor unless noted by asterisk. \*\* Combination brake block.

Note: Information compiled from various industry sources and manufacturer information. PACCAR does not make any inference to suitability, testing or results for non-ROADLEVELER friction materials.

### PARTS YOU CAN RELY ON



**DYNACRAFT**



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