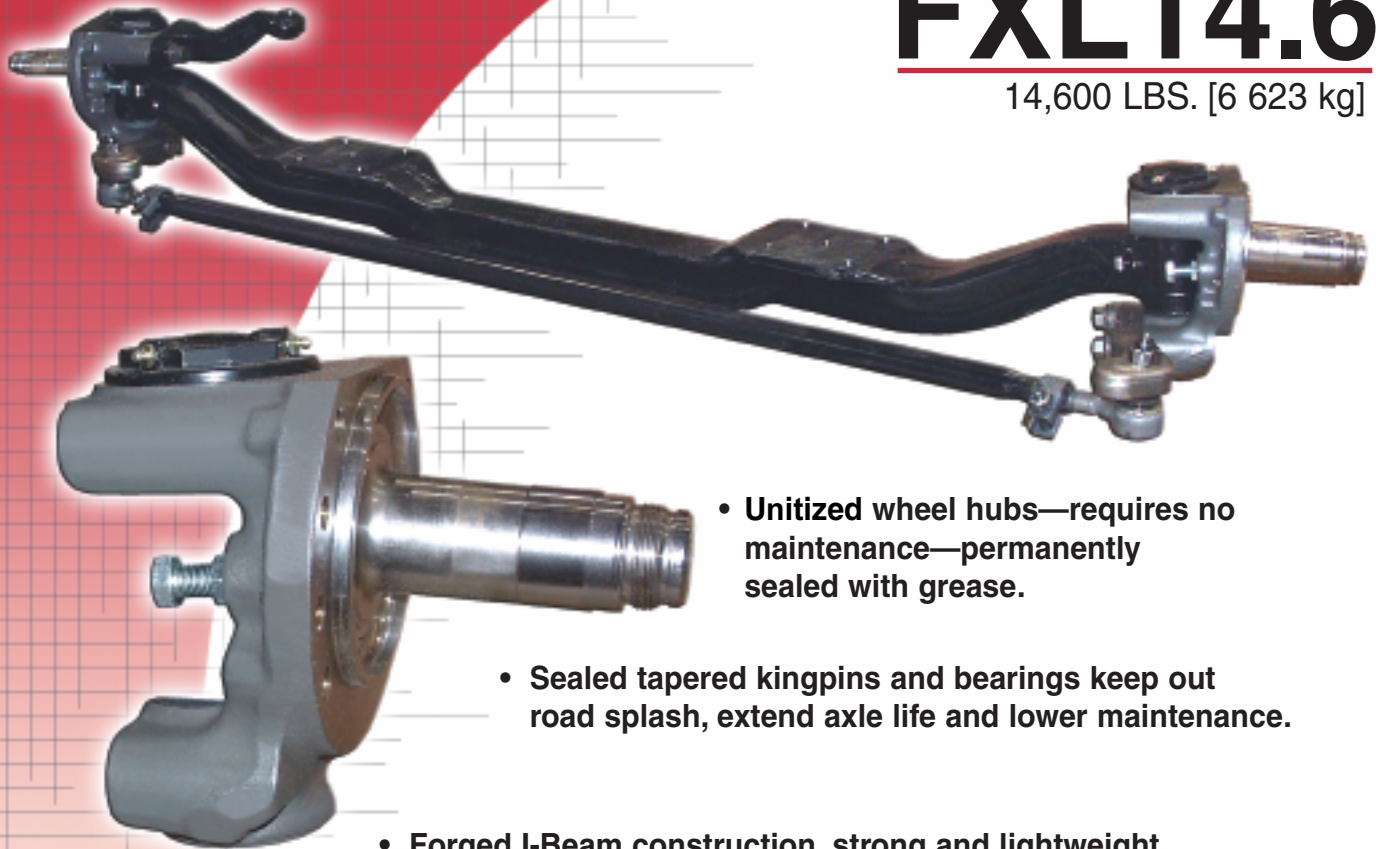


FRONT AXLE

MACK®

FXL14.6

14,600 LBS. [6 623 kg]



- Unitized wheel hubs—requires no maintenance—permanently sealed with grease.
- Sealed tapered kingpins and bearings keep out road splash, extend axle life and lower maintenance.
- Forged I-Beam construction, strong and lightweight.

DETAIL SPECIFICATIONS

MAKE: MACK

Type	Reverse Elliot, Drop-Forged & Heat Treated I-Beam
Size (Beam Center Height)	3.74" [95 mm]
Flange Width, Top	3.35" [85 mm]
Flange Width, Bottom	3.35" [85 mm]
Web Thickness	0.394" [10 mm]
Section Modulus	5.82" in ³ [95 cm ³]

STEERING KNUCKLE:

Material	Chromium Molybdenum Alloy Steel, Heat Treated
Spindle Diameter	
Inner Bearing	2.28" [58 mm]
Outer Bearing	2.28" [58 mm]
Steering Knuckle Pin:	
Material	Modified Carbon Steel, Heat Treated & Induction Hardened
Type	Tapered
Diameter	
Top	1.57" [40 mm]
Bottom	2.36" [60 mm]

STEERING KNUCKLE: (Continued)

Inclination	6°
Knuckle Pin Support	
Upper	Tapered Roller Bearing
Lower	Grooved Bushing
Thrust Bearing	
Type	Tapered Roller Bearing
Location	Top of Knuckle Pin Hub
Hub	Ductile Iron
Bearings	Tapered Roller (Unitized)
Lubrication	Permanently lubed with Synthetic Grease
Pivot Centers:	
FXL14.6	.69.92" [1 776 mm]
Spring Centers	33.5" [851 mm] MRU 32.5" [826 mm] CHU, CXU, GU

NOTE: FXL used with wide base type tires will exceed 96" [2 438 mm] overall width.

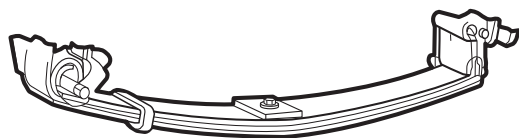
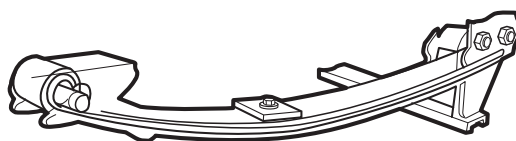
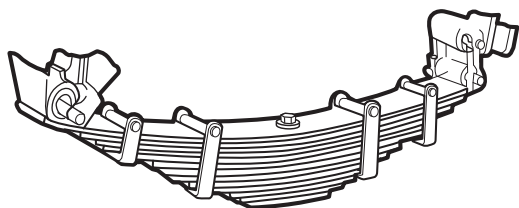
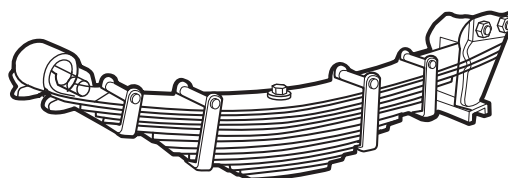


BRAKES

TYPE		CAM
SIZE	DIAMETER WIDTH	16.5" [419 mm] 5" [127 mm]
MAKE		Arvin Meritor
ACTUATION		Air
LINING THICKNESS		0.85" [22 mm] Tapered
LINING AREA, TOTAL		157 in ² [2 026 cm ²]
CHAMBER SIZE— Sq. In. Per Wheel		1 @ 24 [155 cm ²]
SLACK ADJUSTER LENGTH		5.5" [140 mm]
BRAKE ADJUSTMENT		Self-Adjusting
DUST SHIELDS		Optional

SUSPENSION

SPRING CAPACITY (GRD. LOAD RATING)	SPRING SIZE	SPRING SIZE		CHASSIS MODEL APPLICATION
		LENGTH	WIDTH	
14,600 lb. [6 623 kg] STD.	Taperleaf - Shackle	52.52" [1 334 mm]	4" [102 mm]	CHU, GU
	Taperleaf - Shackle	58.85" [1 495 mm]	4" [102 mm]	CXU
	Multileaf - Shackle	52.52" [1 334 mm]	4" [102 mm]	GU
	Multileaf - Slipper	50.25" [1 276 mm]	3.5" [89 mm]	MRU

**TAPERLEAF SHACKLE****TAPERLEAF EYE & SLIPPER****MULTILEAF SHACKLE****MULTILEAF EYE & SLIPPER**