



Transit bus and coach axles

The smart route to performance
with a full line of front steer and
rear drive axle solutions.

The industry's axle leader

With more than a century of axle-manufacturing experience, we are one of the world's largest independent manufacturers of commercial vehicle axles for a broad range of applications. In the North American transit bus and motorcoach markets, we have been a leading axle supplier for decades.

That's because we engineer outstanding reliability, unmatched durability and low cost of operation into every axle we make. Our purpose-built bus and coach axles are designed to provide a more enjoyable and comfortable ride for passengers – and a real competitive edge for you.

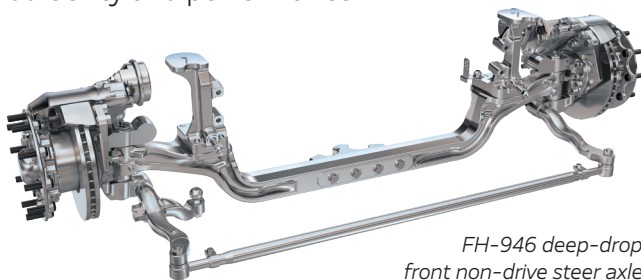
Front non-drive steer axles

FH-946

Low-floor bus design? The Meritor® Easy Steer™ FH-946 deep-drop front non-drive steer axle answers the call. Ideal for 35-, 40- and 60-foot transit buses and motorcoaches, the FH-946 allows the bus floor to drop up to 20 inches (508 millimeters) below conventional bus designs – eliminating the need for steps and allowing easier passenger accessibility. Passengers also appreciate how the wide spring mountings maximize aisle width.

The deep-drop design also makes the FH-946 ideal for a steer tag axle in motorcoaches as it allows the driveline to pass through.

You'll appreciate the robust design features like the i-beam construction that make our axles the industry standard in reliability, durability and performance.



*FH-946 deep-drop
front non-drive steer axle*



FH 946 FEATURES AND BENEFITS

- Spring mounts integral to the i-beam for simple and flexible suspension bracket design
- Easy Steer king pin bushings and tapered roller thrust bearing permit easier steering
- A 51-degree turn angle for maneuverability
- Available with Meritor Cast Plus™ cam brakes or Meritor EX+™ H severe service air disc brakes
- Cast Plus cam brakes offer added durability and reliability with a single-piece, cast shoe and extended-life brake linings that provide super resistance to heat-related wear
- EX+ H severe service air disc brakes provide reduced stopping distance, lower maintenance and maximum corrosion protection

MFS-12-155 AND FH-941

For smaller low entry transit buses, we offer the Meritor MFS-12-155 front steer axle. For standard floor buses and motorcoaches, we offer the Meritor FH-941 front steer axle. These axles deliver the same durability, performance, reliability and ease of maintenance that have made Meritor axles an industry standard.

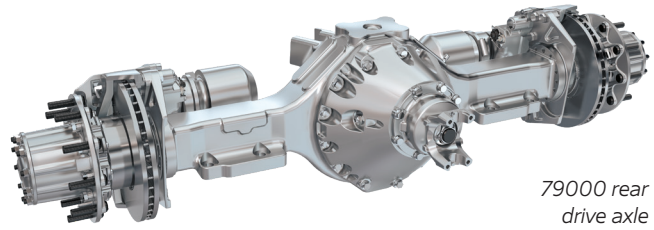
Single rear drive axles

79000

The Meritor® 79000 series is a next-generation single reduction axle for 35- to 60-foot transit bus and motorcoach vehicles. Performance-engineered, it's the perfect choice for high stop-and-start duty cycles, demanding regenerative loads and periodic axle overload applications.

79000 FEATURES AND BENEFITS

- More economical, efficient and lower weight than double reduction axles
- One-piece cast iron housing with integral suspension bracket pads and “bolt-on” torque rod brackets for extra strength and durability
- Uses the innovative MS197 carrier featuring the most power dense gearing and robust bearings for handling the demanding duty cycle loads
- Bolted differential case and ring gear for easier and more efficient assembly and service
- Quiet Ride™ gearing provides a more relaxing ride experience
- Industry-leading Meritor Cast Plus s-cam brakes or EX+ H air disc brakes standard
- Robust gearing and carrier makes product ideal for diesel, CNG, hybrid-electric and electric drivetrains



79000 rear drive axle

RC-160 SERIES

For smaller transit buses and motorcoaches, the Meritor RC-160 series provides the same proven durability, performance, reliability and ease of maintenance that has made our axles an industry standard. The RC-160 axle for transit buses and coaches includes upgrades, such as Quiet Ride gearing, that passenger-carrying services demand.

Customer support

Every Meritor axle is backed by unsurpassed service and support, with DriveForce™ – our North American sales and service organization – and the OnTrac™ technical support center available to assist customers with solutions before, during and after the sale. For more information, call **866-668-7221 (OnTrac1)** or visit Support → CDBS Customer Support on **cummins.com**.



Transit bus and coach axle specifications

Model	Axle type	GAWR rating*	Brakes and sizes	Hubs and drums bolt circle diameter	Turn angle
MFS-12-155	Front non-drive steer axle	12,000 lbs (5,448 kg)	15 in Q+ drum brake	10-stud – 11.25 in (286 mm)	51°
FH-941	Front non-drive steer axle	16,500 lbs (7,500 kg)	Cast Plus cam brake 16.5 in x 6 in (419 mm x 152 mm) EX+ H air disc brake	10-stud – 11.25 in (286 mm) 10-stud – 13.19 in (335 mm)	51°
FH-946	Front non-drive steer axle and steer tag axle	19,000 lbs (8,625 kg)	Cast Plus cam brake 16.5 in x 6 in (419 mm x 152 mm) EX+ H air disc brake	10-stud – 11.25 in (286 mm) 10-stud – 13.19 in (335 mm)	51°
79000	Single rear drive axle	28,660 lbs (13,000 kg)	Cast Plus cam brake 16.5 in x 8.625 in (419 mm x 219 mm) EX+ H air disc brake	10-stud – 11.25 in (286 mm) 10-stud – 13.19 in (335 mm)	N/A
RC-160	Single rear drive axle	23,000 lbs (10,440 kg)	Cast Plus cam brake 16.5 in x 7 in (419 mm x 178 mm) EX+ H air disc brake	10-stud – 11.25 in (286 mm)	N/A

*Permitted uses of axles and components, including capacity ratings where stated, vary with application and service. Applications must be approved by the Cummins Drivetrain and Braking Systems specialty products and brake engineering departments. Approved ratings may be higher or lower than indicated, dependent upon review.



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