

MERITOR® AFTERMARKET TRAILER AXLE MODEL NUMBERS & DESIGNATIONS



Brake Diameter
 0 = Brake flange/torque plate
 2 = 12¼" (31cm)
 5 = 15" (38cm) (1)
 6 = 16½" (42cm)
 7 = 17" (Disc rotor dia)
 8 = 18" (46cm)

Design Variations
 C = Crank
 D = Drop
 (BLANK) = Straight

Beam Type
 T = Tubular

Brake Width
 0 = Brake flange/torque plate
 1 = 10" (25cm)
 6 = 60 (Disc rotor)
 7 = 7" or 7½" (18-19cm)
 8 = 8-5/8" (22cm)

Miscellaneous
 0 = FMVSS121 Brake certification (obsolete)
 1 = Equipped for ABS (7)
 6 = Wabash MBS2 prepared

Brake, (Service axles)

L = Q+ Cam brake - standard service axles
 NA = No brakes & no TCH, with ABS sensors (5)
 NR = Less brakes and less TCH (5)
 LR = With brakes, less TCH (4)
 NM = Meritor tire inflation prepped, less brakes (5)
 LM = Meritor tire inflation prepped, with brakes (4)

RHP/MPA Service axles w/suspension seats

NS = Less brakes (5)
 LS = With brakes (4)
 NP = Less brakes (5), PSI prep
 LP = With brakes (4), PSI prep
 NT = Less brakes (5), thermalert prep
 LT = With brakes (4), thermalert prep
 TS = Torque plates for disc brakes
 TP = Torque plates for disc brakes, PSI prep
 TT = Torque plates for disc brakes, thermalert prep
 NU = Less brakes, vented
 LU = With brake, vented
 TU = Torque plates, vented

RFS/MTA w/trailing arm service axles

LA = RFS23T, with brakes
 LB = RFS25T, with brakes
 LC = RFS30T, with brakes
 *See PB-0226, for standard RFS replacement specs

T P* P - 4 6 7 1 - L R - 1 1 2 0

Beam Capacity lbs. (kg)
 N = 22,500 (10,206)
 Q = 25,000 (11,340)
 30,000 (13,608)
 P = 22,500 (10,206)
 25,000 (11,340)
 R = 22,500 (10,206)
 25,000 (11,340)
 B = 22,500 (10,206)
 25,000 (11,340)
 L = See Sec.3 of SP-8320

Modification
 1 = Single wheel
 2 = Intermodal
 3 = Bolted on brake/disc brakes
 4 = Standard wall thickness
 5 = MPA38 WALL (.430)
 6 = Positive bearing adj (obsolete)
 8 = Heavy wall thickness (5/8")
 9 = Heavy wall thickness (3/4")

Track (TAC)
 1 = 71.50 (35.00")
 7 = 77.50 (41.00")
 8 = 83.50 (47.00")
 *TAC = Trailing arm centers (applicable for RFS/MTA only)

RHP/MPA & RFS/MTA
 0 = Less seat brackets
 1 = 16½" Front RHP/MPA
 2 = 16½" Rear RHP/MPA
 3 = 17½" Front RHP
 4 = 17½" Rear RHP
 5 = 18½" Front RHP
 6 = 18½" Rear RHP
 7 = 17½"-18½"-Front MPA
 8 = 17½"-18½"-Rear MPA
 9 = Trailing arms, w/bushings

Cam Length/Spline
 0 = No cams
 1 = Short 28T
 2 = Intermediate 28T
 3 = Long 28T
 4 = Short 10T
 5 = Intermediate 10T
 6 = Long 10T

Lining Mix
 0 = No brake
 1 = R202 (obsolete)
 2 = R301
 3 = R201 (obsolete)
 4 = SOR615
 5 = MA212
 6 = MA312
 6 = MA312

- (1) Drum or rotor
- (2) Denotes brake shoe width or pad size
- (3) Service beam only
- (4) Equipped with brake shoes and camshafts
- (5) Equipped with camshafts but no brake shoes
- (6) Not available in crank or drop center axles
- (7) All axles will have ABS block installed

*** Bearings**

N = HM218248 / HM212049
 P = HM518445 / HM518445
 Q = HM218248 / HM212049
 R = 594A / 580
 B = Unitized hub and bearings

Note: The last four digit designations apply to Aftermarket Axle Model Numbers only. These designations do not apply to Production Axle Model Numbers. Please refer to SP-8320.

4-5-12 Added RFS axle nomenclature option for generic beam, trailing arm, bushing, and brake specs. See PB-0226 for Standard RFS service nomenclature.



Meritor Heavy Vehicle Systems, LLC
 7975 Dixie Highway
 Florence, Kentucky 41042 USA

888-725-9355 U.S.
 800-387-3889 Canada
 MeritorPartsOnline.com
 meritor.com

©2014 Meritor, Inc.
 Litho in USA, SP-0174
 Revised 09-14 (47865/11900)