

Date: March 2016

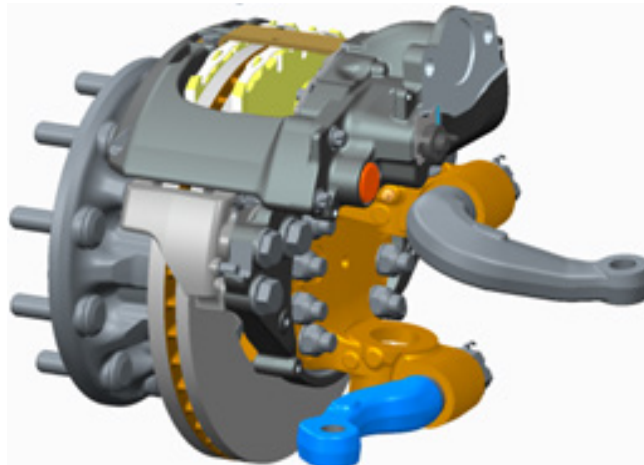
Subject: Introduction of EX225 disc brakes and discontinuation of DX195 disc brakes on Meritor Non-Drive Front Steer Axles

Models: FG-941, FG-943, TFG-941, TFG-943, MFS-66-122, MFS-66-124, TMFS-66-122 and TMFS-66-124

Dear Customer,

In an effort to continually improve and expand its product line offerings, Meritor Australia is pleased to introduce EX225 disc brakes on the locally assembled non-drive front steer axles listed above. This will replace the existing DX195 disc brakes which will be discontinued starting from March 2016.

The introduction of EX225 disc brakes on these axles is possible with the release of the enhanced knuckles (Refer to PIL 16-003).



Features of the new front axle with EX225 brakes:

- 6,622 KG (14,600 pounds) nominal Gross Axle Weight Rating (GAWR).
- Enhanced knuckle allows for packaging EX225 brakes at 12 o'clock position, which permits a wheel cut of up to 55 degrees
- Same brake caliper part numbers as specified on the Meritor rear drive axles
- Same brake pads (Friction material MA761) as specified on the Meritor rear drive axles
- Same 434mm rotor as specified on the Meritor rear drive axles
- 285mm PCD ductile hubs including ABS pole rings and Timken bearing cups
- Compatible with existing Meritor beam, steering arm and tie rod assemblies

**Note: Certain vehicle characteristics can impact an axle's performance and durability. Proper application analysis must be performed prior to axle installation to ensure acceptable operating parameters.*

For installation of EX225 brakes, the enhanced knuckles with the associated king-pins and king-pin caps are required.

Component Description	FG-94* knuckles for DX195 brakes	Enhanced knuckles for EX225 brakes
Knuckle Left Hand	A1-3111-D-3514	A1-3111-K-4613
Knuckle Right Hand	A1-3111-G-7A	A1-3111-E-4633
King-Pin	3101-D-1070	3101-T-1086
King-Pin Cap Top	2297-T-4752	3280-B-9830
King-Pin Cap Bottom	2297-T-4752	3280-C-9831

The enhanced knuckle is not directly interchangeable with existing FG-94* knuckles. Service components for in-service FG-94* axles with DX195 disc brakes will continue to be available through standard Meritor aftermarket channels.

For new axles with enhanced knuckles, the king pin kit part number for service is R201608, which includes the new king-pins, king-pin caps and associated hardware items.

The EX225 pad replacement kit part number is MDP EX225 and the rotor part number is 23123642002.

For service procedures, please refer to maintenance manual MM-2 and MM-0467, which is available from the Literature on Demand section at www.meritor.com.

For the introduction of these new front axles, Meritor Australia will create new axle specification numbers with MFS66 nomenclature in place of the current FG-94* nomenclature. Please refer to page 3 and 4 for the MFS66 axle nomenclature charts.

Current Axle Nomenclature	Equivalent New Axle with Enhanced Knuckles
FG-941	MFS-66-122
FG-943	MFS-66-124
T-FG-941	T-MFS-66-122
T-FG-943	T-MFS-66-124
T-FG-94X	T-MFS-66-12X

For any questions relating to the above, please contact a Meritor® Australia representative on +613-9300-5200. Additional product and service information for Meritor axles is available from the Literature on Demand section at www.meritor.com

**Issued by Product Engineering
Meritor HVSA Ltd**

