

MEYER FORMULA MIXER TRUCK MOUNT SPECIFICATIONS - FEPTO DRIVE

MIXER MODEL	WHEEL BASE	CAB TO AXLE	MIN AFTER FRAME	AXLE TYPE	MIN GVWR	MIN FRAME SECTION MODULUS*	MIN AXLE FRONT/ REAR	MIN ENGINE HP	MIN HP @ CRANKSHAFT PTO ADAPTOR**	MIN TORQUE @ CRANKSHAFT PTO ADAPTOR**
F815 SIDE DOOR	226" - 232"	162" - 166"	76"	TANDEM	59,000#	23	16,000# / 43,000#	300 HP	200 HP	580 FT-LBS @ 1800 RPM
F815 FRONT DOOR	261" - 268"	198" - 202"	76"	TANDEM	59,000#	23	16,000# / 43,000#	300 HP	200 HP	580 FT-LBS @ 1800 RPM
F1015 SIDE DOOR	226" - 232"	162" - 166"	76"	TANDEM	64,000#	23	18,000# / 46,000#	325 HP	225 HP	660 FT-LBS @ 1800 RPM
F1015 FRONT DOOR	261" - 268"	198" - 202"	78"	TANDEM	64,000#	23	18,000# / 46,000#	325 HP	225 HP	660 FT-LBS @ 1800 RPM
F1215 SIDE DOOR	226" - 232"	162" - 166"	80"	TANDEM	72,000#	23	20,000# / 52,000#	350 HP	250 HP	730 FT-LBS @ 1800 RPM
F1215 FRONT DOOR	261" - 268"	198" - 202"	80"	TANDEM	72,000#	23	20,000# / 52,000#	350 HP	250 HP	730 FT-LBS @ 1800 RPM

Date: 8-9-18 Revision A

* MIN FRAME SECTION MODULUS refers to strength of frame based on 110,000 PSI yield strength

** CRANKSHAFT PTO ADAPTOR must have bolt pattern and pilot to accept a 1410 series driveline, SPICER# 3-2-159

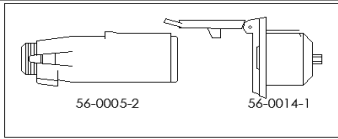
Mandatory Truck Requirements for FEPTO Drive (Front Engine PTO / Hydrostatic Mixer Drive):

- ~ Truck radiator must not block access to the crankshaft; an area of at least 8" X 8" must be left open between the crankshaft adaptor bolt face and the front bumper
- ~ Truck must have frame extensions protruding forward of the radiator / grill area at a minimum of 2' 6" from the grill, with the centerline of the frame rails at the same height as the crankshaft
- ~ When the hood is opened, the grill must remain stationary so as not to interfere with FEPTO drive components.
- ~ No braces, exhaust pipes, brackets, hardware, etc. behind cab and above frame rails, unless cab to axle dimension is taken from behind these features
- ~ Cab should have bucket seats with space between seats open and available for mounting the mixer control console

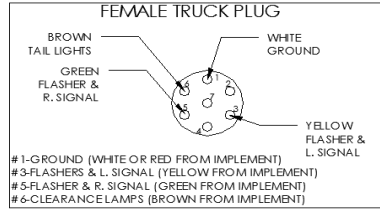
Truck Recommendations:

- ~ Ground speed of 2 - 3mph at 1800 engine RPM is desired for feeding
- ~ Radiator Options: Feedlot, Reverse Fan, Prescreen, etc.
- ~ Throttle lock / cruise control at engine speed incremental up to 1800 RPM
- ~ Wide mirrors
- ~ Frame Splicing tapered and staggered (Talk to your truck shop)





SUPPLY A 7-PIN MALE & FEMALE PLUG OFF THE REAR OF THE CAB FOR LIGHT HOOK UP TO IMPLEMENT, LOCATED CENTRALLY BEHIND THE CAB. ORDER FROM MEYER #56-0005-2 & 56-0014-1.



TAILLIGHT CONVERTER
 DEPENDING ON MAKE AND MODEL OF TRUCK IT MAY BE NECESSARY TO INSTALL A LIGHT CONVERTER, MEYER #56-0028. CONVERTER ALLOWS SIGNAL LIGHTS AND BRAKE LIGHTS TO OPERATE ACCORDING TO DOT LIGHTING REGULATIONS.

Note: If truck is supplied by the customer, it is the responsibility of the customer to work with a knowledgeable truck dealer to ensure all local and state transportation laws will be met where the truck is to be operated. If truck is supplied by a truck dealer, it is their responsibility to make the truck legal for road use by all state and local laws affecting the customer. Always follow federal, state and local laws for lighting, mud flaps, height, width, weight and operation. Over-width permits may be necessary in certain areas of the country.

MEYER FORMULA MIXER TRUCK MOUNT SPECIFICATIONS - REPTO DRIVE

MIXER MODEL	WHEEL BASE	CAB TO AXLE	MIN AFTER FRAME	AXLE TYPE	MIN GVWR	MIN FRAME SECTION MODULUS*	MIN AXLE FRONT/ REAR	MIN ENGINE HP	MIN HP @ REPTO OUTPUT FLANGE**	MIN TORQUE @ REPTO OUTPUT FLANGE**
F815 SIDE DOOR	244" to 250"	180" to 184"	76"	TANDEM	59,000#	23	16,000# / 43,000#	300 HP	200 HP	480 FT-LBS @ 1800 RPM
F815 FRONT DOOR	294" to 301"	231" to 235"	76"	TANDEM	59,000#	23	16,000# / 43,000#	300 HP	200 HP	480 FT-LBS @ 1800 RPM
F1015 SIDE DOOR	244" to 250"	180" to 184"	76"	TANDEM	64,000#	23	18,000# / 46,000#	325 HP	225 HP	480 FT-LBS @ 1800 RPM
F1015 FRONT DOOR	294" to 301"	231" to 235"	78"	TANDEM	64,000#	23	18,000# / 46,000#	325 HP	225 HP	480 FT-LBS @ 1800 RPM
F1215 SIDE DOOR	244" to 250"	180" to 184"	80"	TANDEM	72,000#	23	20,000# / 52,000#	350 HP	250 HP	590 FT-LBS @ 1800 RPM
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** REPTO output flange must be a 4 bolt flange for a 1410 series driveline, SPICER# 3-2-159

Definition of REPTO (Rear Engine Power Take-Off) Drive:
 A REPTO is a high-horsepower accessory drive that receives its power directly from the engine crankshaft. It is an integral part of a unique flywheel housing, rotating the same direction as the engine, gear driven off the rear of the crankshaft, and providing continuous power any time the engine is operating

A REPTO is NOT a transmission mounted PTO, and it cannot be engaged / disengaged.

REPTO drives offer several advantages over FEPTO drives:
 There is no need for frame extensions or special bumpers;
 There is no need to raise or modify the radiator for PTO shaft clearance
 Eliminates possibility of pump damage due to front - end collision
 Increased maneuverability and visibility because of the shorter overall truck length
 Simplified hydraulic system with shorter hydraulic hoses that are better protectec

Mandatory Truck Requirements for REPTO Drive:

- ~ The area between the REPTO output flange and the rear of the cab must be left open to allow space for the pump driveline to pass through
- ~ No braces, exhaust pipes, brackets, etc. behind the cab and above the frame rails
- ~ There needs to be space between the cab seats for which to mount the mixer control console.

Truck Recommendations:

- ~ Ground speed of 2 - 3mph at 1800 engine RPM is desired for feeding
- ~ Radiator Options: Feedlot, Reverse Fan, Prescreen, etc.
- ~ Throttle lock / cruise control at engine speed incremental up to 1800 RPM
- ~ Wide mirrors
- ~ Frame Splicing tapered and staggered (Talk to your truck shop)



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FEMALE TRUCK PLUG

- BROWN TAIL LIGHTS
- GREEN FLASHER & R. SIGNAL
- WHITE GROUND
- YELLOW FLASHER & L. SIGNAL

#1-GROUND (WHITE OR RED FROM IMPLEMENT)
 #3-FLASHERS & L. SIGNAL (YELLOW FROM IMPLEMENT)
 #4-FLASHER & R. SIGNAL (GREEN FROM IMPLEMENT)
 #6-CLEARANCE LAMPS (BROWN FROM IMPLEMENT)

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