



8-BOLT PTO INSTALLATION

Eaton Endurant Series Transmissions

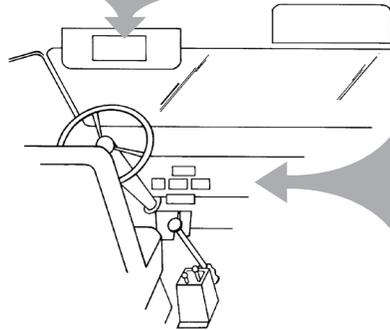
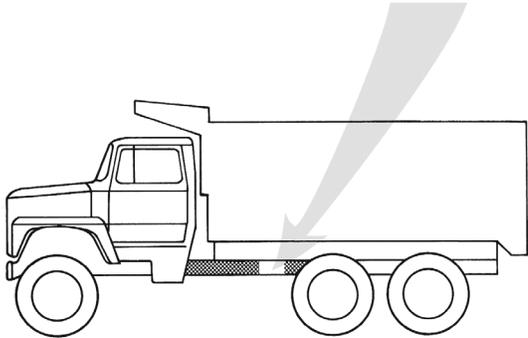
1. **Label Placement** – The PTO ships with 4 WARNING LABELS. Make sure mounting surfaces are clean before placing labels. Place labels as shown below.

<p>⚠ DANGER</p> <p>NEVER GET UNDER THIS TRUCK IF THE ENGINE IS RUNNING!</p> <p><small>Part No. 3805344 (Rev. 2-08) © Muncie Power Products, Inc. 2008</small></p>		<p>⚠ PELIGRO</p> <p>¡NUNCA SE META DEBAJO DEL CAMIÓN CUANDA EL MOTOR ESTÉ EN MARCHA!</p> <p>You may be hurt or killed.</p>
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(2)

<p>UNDERSTAND THIS LABEL BEFORE USING POWER TAKE-OFF (PTO)</p>	
<p>⚠ WARNING</p> <p>NEVER GET UNDER TRUCK IF ENGINE IS RUNNING!</p> <p><small>Hands, clothes, hair, etc. can get caught on spinning shafts and U-joints.</small></p> <p>YOU MAY BE HURT OR KILLED.</p> <p><small>It is against Federal Law to try to fix PTO driven machinery if the engine is running. Always turn the engine off. Then, put the keys in your pocket. (OSHA 1910.147)</small></p> <p><small>Part No. 38737507</small></p>	<p>HOW TO USE THE POWER TAKE-OFF (PTO) Clutch Shift PTOs for the Light Truck Automatic Transmissions</p> <p>For Stationary Applications:</p> <ol style="list-style-type: none"> 1. Set Parking Brake. 2. Place Transmission Selector in Park. 3. Let Engine Idle. 4. Engage PTO Rocker Switch. 5. Release PTO Switch. 6. Green Light Should Activate. 7. Bring Engine Slowly to Operating Speed. <p>For Mobile Applications:</p> <ol style="list-style-type: none"> 1. Follow Procedures Above. 2. Apply Brakes. 3. Place Shift Selector in Any Drive Range. 4. Release Brakes. <p><small>© Muncie Power Products, Inc. 2008</small></p>

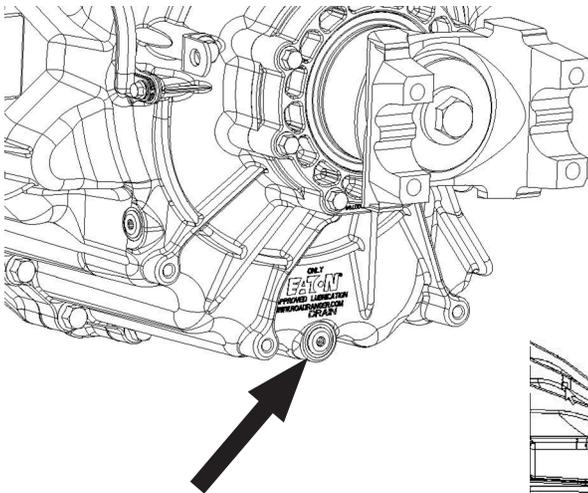
(1) 4" x 6.5"



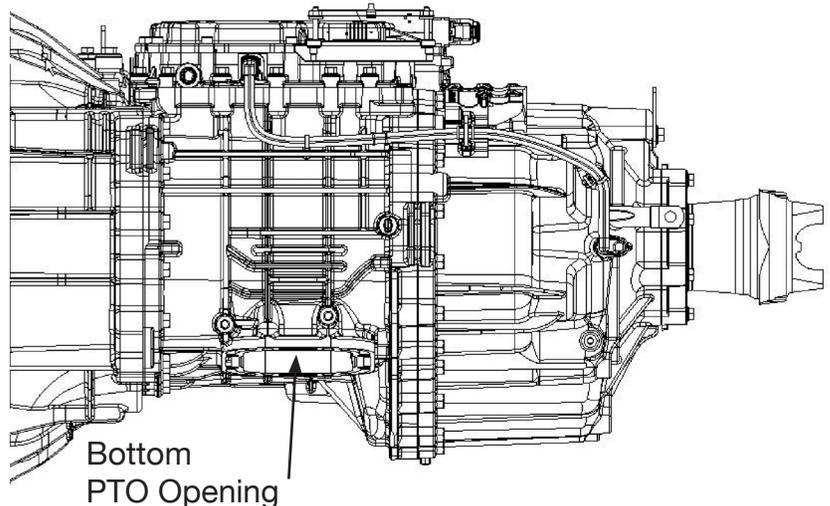
<p>⚠ WARNING</p> <p>THIS VEHICLE IS EQUIPPED WITH A POWER TAKE-OFF</p> <p><small>READ AND UNDERSTAND OPERATOR'S MANUAL BEFORE USING THIS MACHINE.</small></p> <p><small>FAILURE TO FOLLOW OPERATING INSTRUCTIONS COULD RESULT IN DEATH OR SERIOUS INJURY.</small></p> <p><small>© Muncie Power Products, Inc. 2008</small></p>	<p>⚠ ADVERTENCIA</p> <p>ESTE VEHICULO ESTA EQUIPADO CON UNA TOMA DE FUERZA</p> <p><small>IMPORTANTE, FAVOR DE LEER Y CONSULTAR EL MANUAL DE OPERACION ANTES DE OPERAR Y MANEJAR ESTA UNIDAD.</small></p> <p><small>EL NO SEGUIR LAS INSTRUCCIONES DE OPERACION PUEDE RESULTAR EN HERIDAS PERSONALES O EN LA MUERTE.</small></p> <p><small>Part No. 38M5652 (Rev. 9-08)</small></p>
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(1) 2" x 3"

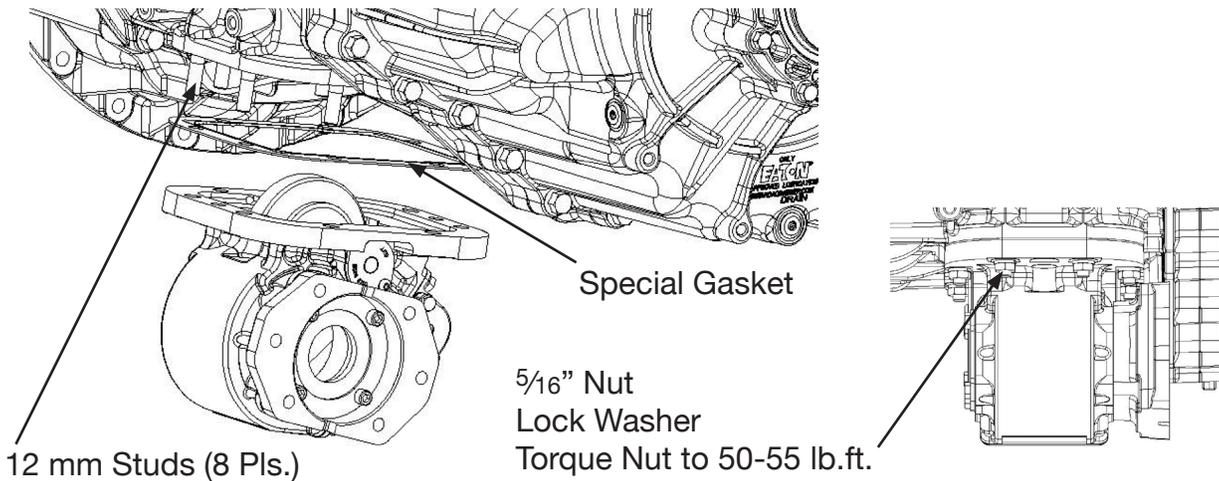
2. With PARK brake set, place truck in neutral and start engine. Listen to engine and transmission. Any transmission gear noise may be more noticeable after PTO is installed. **STOP ENGINE. NEVER GO UNDER VEHICLE WITH ENGINE RUNNING!** Find PTO opening on transmission.



Drain the transmission fluid from the rear drain plug while collecting the oil for reuse. Measure the amount removed if you do not plan on reusing as the level is determined by the vehicle manufacturer at time of installation in the vehicle.

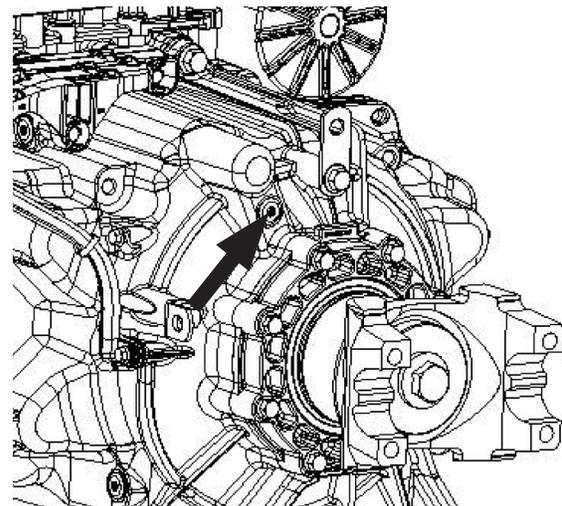


- Remove transmission PTO cover plate. Caution: Some transmission fluid may escape opening. Take care to keep contaminants out of transmission with cover off. Verify PTO gear is present in transmission.
- Locate the PTO mounting kit.
- Install 8 studs in the 8-bolt pad to the depth of the barrel.



- Install supplied gasket over studs. A thin coating of approved transmission fluid on gasket is recommended to help hold gasket to opening. Mount PTO with provided nuts and lockwashers. Check for proper PTO fit on transmission prior to tightening down fasteners. Tighten nuts in a star pattern. Torque nuts to 50-55 lb.ft.
- Locate the fill plug above the rear output of the transmission and remove. Additional fluid will be required to fill the PTO upon installation. Refer to the chart for amount. Refill the transmission with the fluid removed or the measured amount in step 2 with the additional amount needed to fill the PTO. Reinstall the fill plug. Fluid must be the Eaton spec PS386.

Additional Transmission Fluid	Eaton PS386
PTO Series	Volume
SH8F	4.25 pints
TG8F	2.5 pints
828F	8 pints



Continue onto Activation Instructions
(IN17-12_Activation_Install_Endurant_Trans)