

MODEL 2000 TRUCK TIRE VULCANIZER OPERATING INSTRUCTIONS

Congratulations on your recent purchase on the LMC Model 2000 Truck Tire Vulcanizer. This Vulcanizer has been carefully engineered and thoroughly tested to make its usage as efficient as possible. We encourage your thoughts and recommendations in a continuing effort to upgrade our products. You may contact us at 810-679-2115 from 8:00 a. through 4:00 pm EST Monday through Friday with any questions.

ASSEMBLY:

Your 2000 should arrive in one carton. (1) Any additional cartons will most probably contain optional contour plates purchased with the 2000. The following step needs to be performed to mount the Model 2000 onto the optional Model TS stand if the stand was also purchased. See Model TS stand assembly instructions for assembly of the stand.

1. Locate vulcanizer frame (T239) and mount horizontally onto stud located at the top of telescoping post (see TS stand part No. T249) Take care that bushings (T251) are positioned in vulcanizer frame holes to provide a bearing surface for mounting stud. Secure with nut provided.

SYSTEM REQUIREMENT AND SPECIFICATIONS:

Air pressure is preset at the factory, however, is fully adjustable to a maximum of 70 psi. Electrical requirements is 10 amps at 120 volt, 5 amps at 240 volt (depending on the voltage purchased) Your Model 2000 is designed to repair tread, shoulder and sidewall areas of truck tires ranging in size from 8.25R20 through 585/65R22.5. The above range is not limited to the sizes listed but is meant as a guide around which to base your expectations.

IMPORTANT HINTS AND GENERAL INSTRUCTIONS:

The Model 2000 vulcanizer comes equipped with two solid heating units (T060) and one silicone rubber air cylinder heating unit (T057) The two solid heating units are used when making repairs in either the tread or shoulder areas of the tire, one solid heat unit is used on the inside of the tire and the silicone rubber air cylinder heating unit is used on the outside of the tire.

TREAD REPAIR:

1. Locate the extension shaft (T229) and secure into hole provided in the back leg of the vulcanizer frame. Lock into place with the attaching detent type pin (T192) provided.
2. Locate one of the two solid heating units (T060) and secure into hole provided in the end of the extension shaft (T229). Lock into place with the attaching detent type pin (T192) provided.
3. Locate the other solid heating unit (T060) and secure into hole provided in the end of the hand wheel and pressure screw (T240). Lock into place with the attaching detent pin (T192) provided.
4. Locate the appropriate contour plate for the inside heating unit (T060) mounted on the extension shaft (T229) This plate should be marked TP/I (Tread Plate / Inside). Secure to heating unit using wing nuts provided. Locate the appropriate contour plate for the outside heating unit (T060) mounted on the hand wheel and pressure screw (T240) This plate should be marked TP (Tread Plate Outside). Secure to heating unit using wing nuts provided.
5. Maneuver the vulcanizer to a horizontal position and into tire. Slowly rotate hand wheel and pressure screw (T240) clockwise to tighten heating units onto tire. **HAND TIGHTEN ONLY!** Rotate timer switch located in lower right hand corner of the vulcanizer frame (T239) to the desired time required to cure the uncured repair rubber. Electricity will be provided automatically to the heating units for the duration selected. After expiration of the preset time, heating units will de-activate and cool down. **KEEP IN MIND THAT HEATING UNITS WILL REMAIN HOT FOR UP TO 1 HOUR AFTER SHUT-OFF. BE CAREFUL** Rotate hand wheel and pressure screw (T240) counter clockwise to remove vulcanizer from the tire.

SHOULDER REPAIR:

1. Follow steps 1 through 3 as listed above for tread repair.
4. Locate the appropriate contour plate for the inside heating unit T060) mounted on the extension shaft (T229) This plate will vary according to the type of tire you are repairing. Choose from among the plates marked 285SH (285 low profile tires Shoulder plate), 255SH (255 low profile tires Shoulder plate), and 68S (bias). Secure the selected

plate to heating unit using wing nuts provided. Locate the appropriated contour plate for the outside heating unit (T060) mounted on the hand wheel and pressure screw (T240). This plate should be marked SH/O (Shoulder Plate / Outside). Secure to heating unit using wing nuts provided.
Follow step 5 listed above for tread repair

SIDEWALL REPAIR:

Follow steps 2 through 3 as listed above for tread repair.

4. Locate the appropriate contour plate for the inside heating unit (T060) mounted on the extension shaft (T229). This plate will vary according to the type of the tire you are repairing. Choose from among the plates marked 285SH (285 low profile tires, Side Wall Plate), 255SH (255 low profile tires, Side Wall plate 68 (normal profile, radial) and 68S (bias). Secure the selected plate to heating unit using wing nuts provided. Remove the outside solid heating unit (T060) from the hand wheel and pressure screw (T240). Locate the steel air cylinder with contoured lip (T057) and secure into hold provided in the end of the hand wheel and pressure screw (T240). Lock into place with the attaching detent pin (T192) provided.
Follow step 5 as listed above for tread repair.

OVERVIEW

We at LMC appreciate your selection of our equipment for your shop and hope our quality lives up to your expectations. If you have any comments or questions, please feel free to contact us at the toll free number listed at the top of page 1. Thank You

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