



**TWIN DISC, INCORPORATED**  
**EXCLUSIVE LIMITED WARRANTY**  
**TD61-1179 / TD61-1180 / TD61-2619 TRANSMISSION SYSTEM FOR**  
**AIRPORT RESCUE FIRE FIGHTING VEHICLES**

- A. Twin Disc, Incorporated warrants all assembled products and parts, (except component products or parts on which written warranties issued by the respective manufacturers thereof are furnished to the original customer, as to which Twin Disc, Incorporated makes no warranty and assumes no liability) against defective materials or workmanship *for a period of thirty (30) months from the date of shipment by Twin Disc, Incorporated to original customer, but not to exceed twenty-four (24) months of service, whichever occurs first.* **This is the only warranty made by Twin Disc, Incorporated and is in lieu of any and all other warranties, express or implied, including the warranties of merchantability or fitness for a particular purpose and no other warranties are implied or intended to be given by Twin Disc, Incorporated.** The original customer does not rely upon any tests or inspections by Twin Disc, Incorporated or on Twin Disc, Incorporated's application engineering.
- B. **The exclusive remedy provided by Twin Disc, Incorporated whether arising out of warranty within the applicable warranty period as specified, or otherwise (including tort liability), shall at the sole option of Twin Disc, Incorporated be either the repair or replacement of any Twin Disc, Incorporated part or product found by Twin Disc, Incorporated to be defective and the labor to perform that work and to remove and reinstall (or equivalent credit). In this context, labor is defined as the flat rate labor hours established by Twin Disc, Incorporated in the published Twin Disc Flat Rate Schedule, required to remove, disassemble, inspect, repair, reassemble, reinstall and test the Twin Disc, Incorporated product only. Authorized reasonable travel and living expenses will be considered for payment. Under no circumstances, including a failure of the exclusive remedy, shall Twin Disc, Incorporated be liable for economic loss, consequential, incidental or punitive damages.**

The above warranty and remedy are subject to the following terms and conditions:

1. Complete parts or products upon request must be returned transportation prepaid and also the claims submitted to Twin Disc, Incorporated within sixty (60) days after completion of the in warranty repair.
  2. The warranty is void if, in the opinion of Twin Disc, Incorporated, the failure of the part or product resulted from abuse, neglect, improper maintenance or accident.
  3. The warranty is void if any modifications are made to any product or part without the prior written consent of Twin Disc, Incorporated.
  4. The warranty is void unless the product or part is properly transported, stored and cared for from the date of shipment to the date placed in service.
  5. The warranty is void unless the product or part is properly installed and maintained within the rated capacity of the product or part with installations properly engineered and in accordance with the practices, methods and instructions approved or provided by Twin Disc, Incorporated.
  6. The warranty is void unless all required replacement parts or products are of Twin Disc origin or equal, and otherwise identical with components of the original equipment. Replacement parts or products not of Twin Disc origin are not warranted by Twin Disc, Incorporated.
- C. As consideration for this warranty, the original customer and subsequent purchaser agree to indemnify and hold Twin Disc, Incorporated harmless from and against all and any loss, liability, damages or expenses for injury to persons or property, including without limitation, the original customer's and subsequent purchaser's employees and property, due to their acts or omissions or the acts or omissions of their agents, and employees in the installation, transportation, maintenance, use and operation of said equipment.
- D. Only a Twin Disc, Incorporated authorized factory representative shall have authority to assume any cost or expense in the service, repair or replacement of any part or product within the warranty period, except when such cost or expense is authorized in advance in writing by Twin Disc, Incorporated.
- E. Twin Disc, Incorporated reserves the right to improve the product through changes in design or materials without being obligated to incorporate such changes in products of prior manufacture. The original customer and subsequent purchasers will not use any such changes as evidence of insufficiency or inadequacy of prior designs or materials.
- F. If failure occurs within the warranty period, and constitutes a breach of warranty, repair or replacement parts will be furnished on a no charge basis and these parts will be covered by the remainder of the unexpired warranty which remains in effect on the complete unit.



**TWIN DISC, INCORPORATED**  
**FLAT RATE HOUR ALLOWANCE**  
**TD61-1179 / TD61-1180/ TD61-2619 TRANSMISSION SYSTEM FOR**  
**AIRPORT RESCUE FIRE FIGHTING VEHICLE POWER TRAIN INSTALLATION**  
 (Hourly Labor Rates Must be Acceptable to Twin Disc, Incorporated)

**Transmission, Torque Converter and Electronic Control**

Hour

**A. Removal and Reinstallation or Reset Labor from Vehicle:**

1. Units, Torque Converter-20 Hrs., Transmission-12 Hrs., Test-4 Hrs..... 36

Includes R&R of both units or either unit, all necessary parts and equipment.  
 Drain and refill, clean and flush hoses and coolers, disconnect and connect hydraulic lines, linkages, and drivelines and test.

2. External Assemblies

Pump ..... 1  
 Modulating Valve ..... 1  
 Regulator Valve ..... 1  
 Magnetic Pickup ..... 1  
 Electronic Control ..... 3  
 Wiring Harness (checking)..... 1  
 PTO Clutch Assembly..... 1  
 Lip Seal..... 1

**B. Repair Labor on Units**

**TRANSMISSION**

1. Unit Overhaul ..... 30  
 (Includes pre-clean, disassemble, clean, inspect, assemble and test.)

2. Valve Assembly

(Disassemble, clean, inspect, assemble and test)

Modulating Valve (replace - do not open or repair) ..... 0  
 Regulator ..... 1

**TORQUE CONVERTER**

1. Unit Overhaul ..... 14  
 (Includes pre-clean, disassemble, clean, inspect, assemble and test.)

2. Valve Assembly

Modulating Valve (replace - do not open or repair) ..... 0

3. PTO Clutch Assembly with Valve..... 3  
 (Disassemble, clean, inspect, assemble and test.)