

### **Additional Information about *Grease Free Fifth Wheel Slip Plate***

- The life of the *Grease Free Fifth Wheel Slip Plate* will vary depending on the operation conditions.

Many long haul operators have exceeded 500,000 miles.

- A 30,000 lb load on a lubricated fifth wheel requires 450 ft lbs of torque to turn. A 30,000 lb load on a dry fifth wheel can require over 2,200 ft lbs of torque to turn.

- *Grease Free Fifth Wheel Slip Plate* is made of RAMEX Ultra High Molecular Weight material.

Outstanding performance in temperatures ranging from +150°F to -65°F.

Excellent abrasion resistance and low friction coefficient.

Unaffected by greases and solvents; ice will not adhere to it.

Provides constant lubrication and reduces stress on steering components.

Reduces tractor weight by eliminating grease on fifth wheel assembly, frame and suspension.

- Requires standard SAE J700b dimension kingpin to accommodate *Grease Free Fifth Wheel Slip Plate*.

- *Grease Free Fifth Wheel Slip Plate* cannot be used in combination with another lube plate.

- To lessen shock load on the *Grease Free Fifth Wheel Slip Plate* and running gear during operation, drop pressure in air bags, idle under trailer, add air to flatten wheel and then finish the hook-up. Trucks with a spring suspension should idle under trailer. Front hook-ups lessen possibility of high siding plate.

- Clean *Grease Free Fifth Wheel Slip Plate* with pressure washer when cleaning tractor to remove road grime from washer and stress bar cavities.

- When *Grease Free Fifth Wheel Slip Plate* wears down to steel stress bars, grind the top to just below the surface of the plastic. The top surface can be conditioned with light oil, Armor All, dish soap or similar products.

- Kit contents: (2) slip plate halves (1 left and 1 right), (4) short steel bars/skip plates, (2) long steel bars/skip plates, (20) mild steel weld washers.

### ***Grease Free Fifth Wheel Slip Plate Installation Instructions***

- Protect electrical and electronic equipment by disconnecting batteries or components before installation.
- Clean the fifth wheel as required. No drilling of the fifth wheel is required.
- Position *Grease Free Fifth Wheel Slip Plate* parallel with outer edge of wheel and to avoid grease grooves below.
- If grooves cannot be avoided, they may be built up before installation. Welding to 15% of washer hole will provide sufficient strength.
- Mark holes for cleaning if required for welding.
- Ensure the *Grease Free Fifth Wheel Slip Plate* and skip bars lay flat on the fifth wheel plate for welding using 18" vice grips, c-clamps or weights.
- Use Stick or Mig welder using mild steel compatible stick or wire.
- Use pressurized air or a wet shop towel to cool each weld to reduce risk of *Grease Free Fifth Wheel Slip Plate* melting.
- Weld bottom of horizontal bar for ramp to plate.
- Seat all washers and skip bars with suitable round stock or socket hammer.
- Grind any excess weld or steel from horizontal bars and skip plates to ensure all metal is below the plastic.