AIR RELEASE

INSTALLATION AND OPERATION PROCEDURES
(Aftermarket)

XA-351-A-86-L & XA-3501 Retrofit Wheel

BEFORE YOU INSTALL OR USE

**WARNING** Holland Hitch Air Operated Fifth Wheel System must be installed in accordance with the instructions provided with the product. If the installation instructions are not followed and the system is not properly interlocked with the tractor-trailer parking brake system, there is a potential for inadvertent activation of the release mechanism while the vehicle is in motion. The consequences of such activation could be death, serious bodily injury, and/or significant property damage.

CONTROL MODULE INSTALLATION

The Air Release Control Module is intended for installation in the tractor cab. It may be placed in a convenient position within reach of the operator. Installation must not obstruct vision or access to the standard gauges and operator controls. Connections will be made with the tractor air reservoir, parking brake valve, the fifth wheel, the vehicle electrical panel and the control module.

As with all air operated accessories, the air release fifth wheel system requires a properly conditioned air supply for best performance and long life. Refer to power unit maintenance procedures for recommended air system service intervals.

**FIGURE 1**
Fifth Wheel Release Control Module Connections

- **POWER**: Connect to 12 volt switched terminal of electrical panel.
- **SIGNAL**: Use T-fitting to connect into tractor-trailer parking brake line between cab control valve and gladhand to trailer.
- **SUPPLY**: Use T-fitting to connect into tractor air reservoir.
- **DELIVERY**: Connect to cylinder of fifth wheel if stationary type or to bulkhead fitting if sliding type. See instructions in Holland publication XL-FW328 "Installation Instructions for RK-06559 air release kit".

**FIGURE 2** is a system schematic indicating the proper connection points. Do not attempt this installation without a full knowledge of tractor air and brake systems.
**COUPLING PROCEDURES**

Coupling procedures are listed in the associated document XL-FW302. Please read before operating fifth wheel.

**UNCOUPLING PROCEDURES**

1. Set parking brake.
2. Block trailer wheels.
3. Lower landing gear.
4. Disconnect trailer electric and gladhand connections.
5. Position toggle switch of control module to “ON”. The alarm will sound and the indicator lamp will be illuminated.
6. Push fifth wheel release valve, hold for four seconds, then release.
7. Position toggle switch to “OFF”.
8. Release tractor parking brake and drive away.
9. Should the fifth wheel fail to uncouple, back into blocked trailer to relieve kingpin pressure and repeat procedure steps 1, 5, 6, 7 and 8.

**NOTE:** Once the vehicles have separated, the fifth wheel is set to couple automatically. Further control module manipulation or adjustments are not required.