



TRUCK BODIES & EQUIPMENT INTERNATIONAL, Inc.

Website: www.rugbymfg.com

E-mail: sales@TBEI.com

Phone: 1-866-899-9045



044766

RANCHER BODY INSTALLATION AND OPERATION MANUAL

To Be Filled In By Installer

Rancher Body Serial #: _____

In Service Date: _____

Dealer: _____

Address: _____

City, State ZIP: _____

Dealer Phone Number: _____

This manual applies to all TBEI / Rugby Manufacturing steel Rancher body models. This manual should be kept in the glove compartment of the truck the body is installed on.

Original Revision: June 1, 2012

Current Revision: A June 19, 2012

"WARNINGS"

- WARNING:** Welding, oxy-fuel cutting, or grinding sparks can cause fuel to ignite that in turn can lead to injury or death. **Always** take adequate steps to avoid ignition of fuel from fuel tanks when welding, grinding, or oxy-fuel cutting during equipment installation.
- WARNING:** Heat from the truck's exhaust system can cause hydraulic component failure and may lead to a fire that could cause injury or death. **Always** install equipment in locations where heat from the exhaust system will not damage any hydraulic component.
- WARNING:** Malfunctioning equipment can cause property damage, injury or death. **Always** have faulty equipment repaired before continuing its use. Consult the manufacturer if required.
- WARNING:** The inadvertent shorting of the vehicle's electrical supply can cause a fire or equipment damage that could lead to injury or death. **Always** disconnect the vehicle battery prior to installing, servicing, or repairing electrical items.
- WARNING:** Damage to brake lines during equipment installation or installing bolts or equipment in such a way that the line will rub and become damaged can lead to brake failure which can cause an accident and can lead to severe injury or death. **Always** take adequate steps to prevent brake line damage during installation and isolate brake lines from installed equipment.
- WARNING:** Check load making sure that rocks, equipment, or any other object will not fall off of vehicle while driving vehicle. Falling objects can cause equipment or property damage, bodily injury or death.
- WARNING:** Make sure all doors are closed and latched before moving vehicle. Swinging doors or falling objects can cause equipment or property damage, bodily injury or death.
- WARNING:** Overloading of a vehicle can cause vehicle component damage or an accident which may cause injury or death. **Never** exceed the gross vehicle weight (GVWR) or the gross axle weight (GAWR) rating or gross combined vehicle rating (GCWR) of your vehicle.
- WARNING:** Not installing or operating equipment correctly can cause component damage or an accident that may cause injury or death. **Always** install and operate equipment in accordance with manufacturers' instructions. Read and understand this manual fully before proceeding.

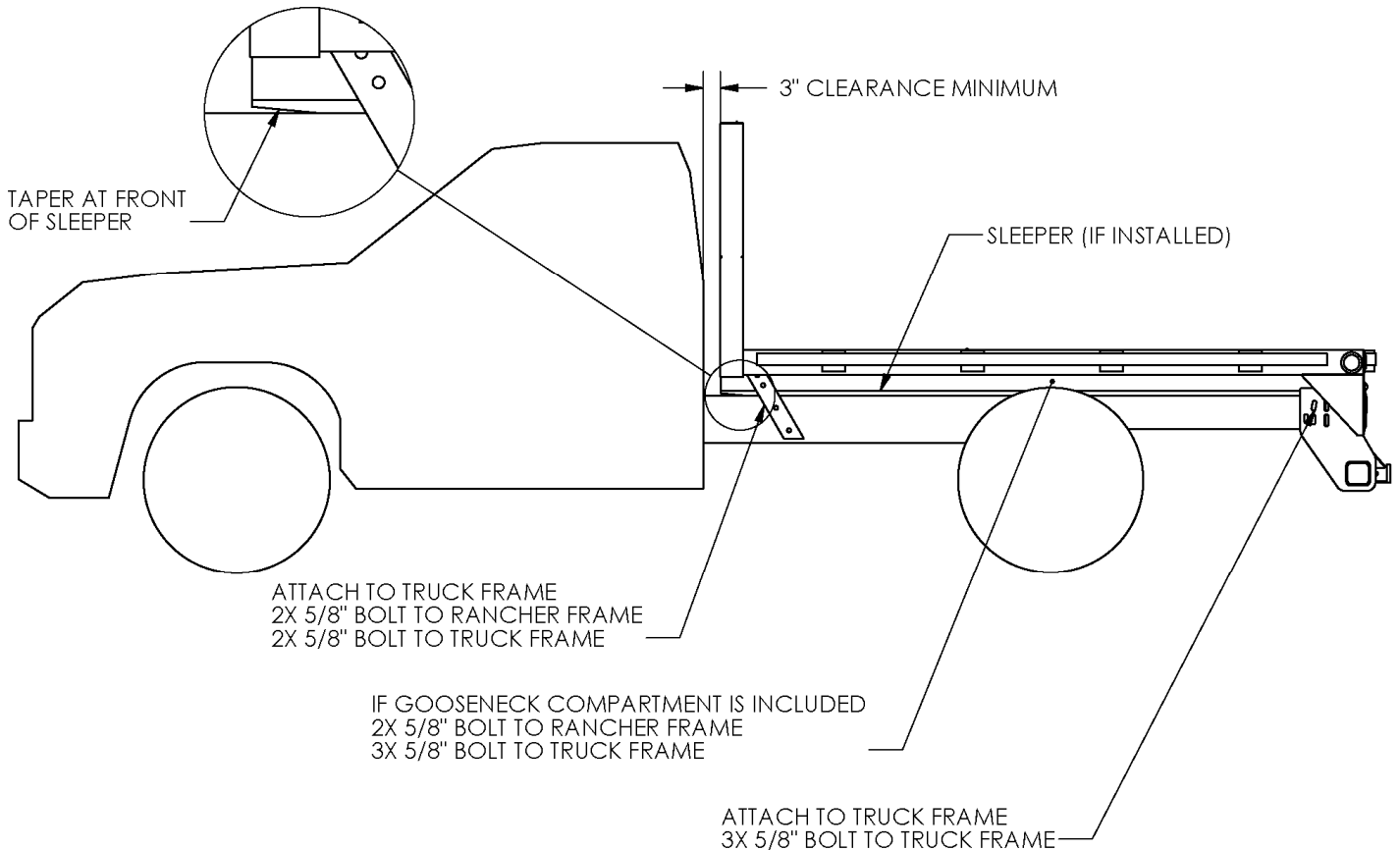
"INSTALLATION INSTRUCTIONS"

NOTE: The following steps are to be followed as a general guideline when assembling and installing the Rancher body. Follow all truck manufacturers' recommendations for installing this body. The manufacturers' recommendations should be followed if there is a difference between them and this manual.

WARNING: Do not weld to the vehicle frame. Do not drill any new holes in the top flange of the vehicle frame. Keep all drilled holes in the middle 1/3 of the vehicle frame. Doing otherwise will weaken the vehicle frame which can result in vehicle damage, injury, or death.

1. Refer to Figure 1 for installation of the Rancher body to the truck frame. The Rancher body may be installed directly on top of the chassis rails, or it may be installed with a sleeper between the chassis and the body. A sleeper may be installed to allow the body to clear rivet heads or other obstructions found on the vehicle frame. Suitable sleepers may be constructed of wood, rubber, or steel. The sleeper should have a slight taper (to minimize stress on the chassis frame) which starts at the front of the Rancher frame.

FIGURE 1



WARNING: Maintain at least a 3” clearance between the front of the Rancher body and the back of the truck cab, or a clearance as specified by the chassis manufacturer. This is required to meet FMVSS regulations. If an adequate clearance is not maintained, the Rancher body may shift into the truck cab during an accident, resulting in injury or death.

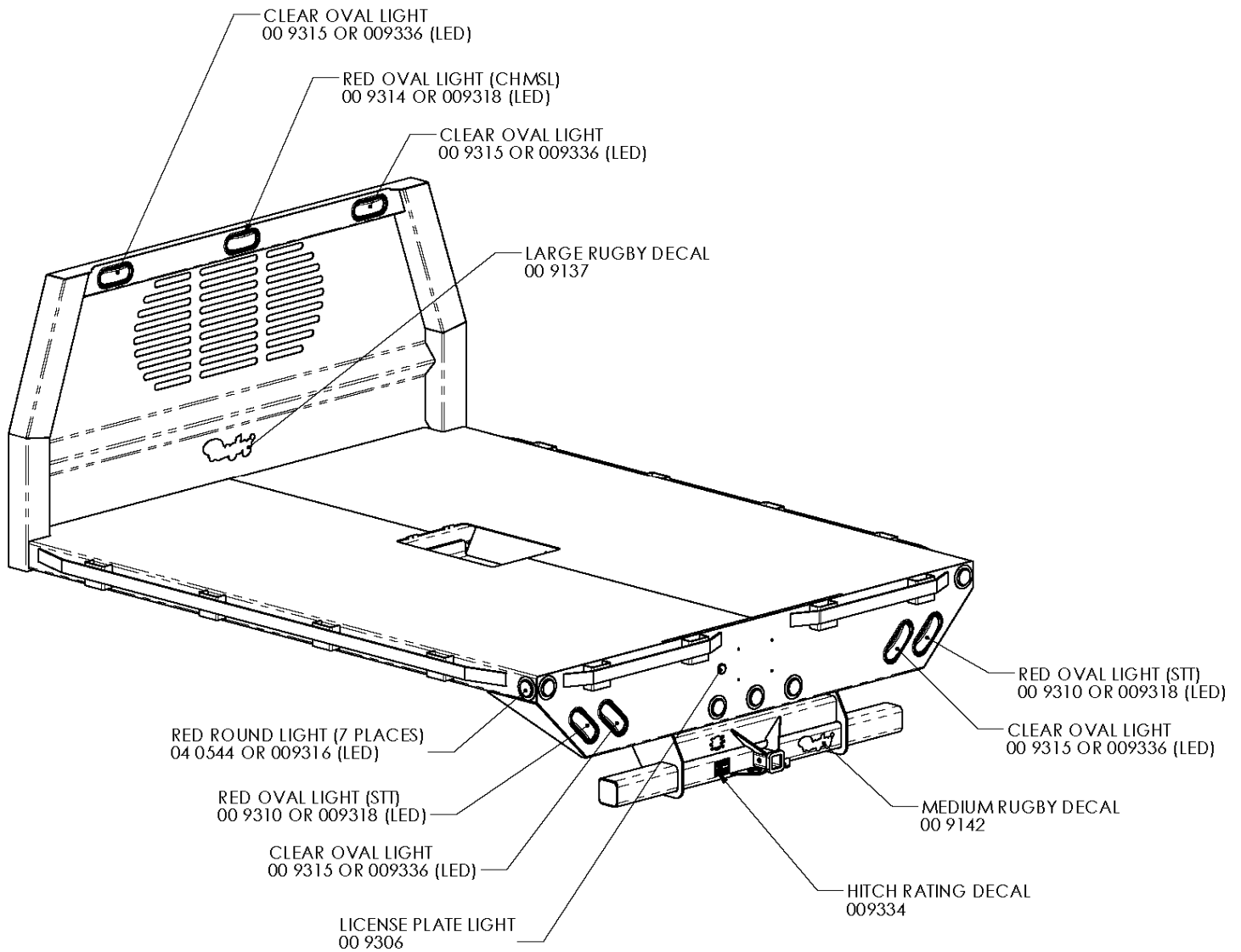
2. Use 5/8” diameter grade 8 bolts, nuts, and washers when attaching the Rancher body to the truck frame. These bolts should be tightened to 60-65 ft-lbs of torque. A “shear plate” installation is the typical method for securing the Rancher body to the truck frame. The shear plates should be a minimum of 1/4” x 3” steel plate.
3. The front shear plate should be angled 45 to 60 degrees from the horizontal. The front shear plate should be located at least 4” from the front of the body to allow for frame flexing. The front shear plate should be attached with a minimum of 2x 5/8” bolts to the truck frame rail, and 2x 5/8” bolts to the Rancher frame.
4. The rear shear plate should be attached to the truck frame with a minimum of 3x 5/8” bolts to the truck frame, and 2x 5/8” bolts to the Rancher frame. If the body was ordered with a receiver hitch, plates have already been welded onto the Rancher body in the rear shear plate area. These eliminate the need for additional rear shear plates. They should be attached to the truck frame with a minimum of 3x 5/8” bolts.
5. If the body includes a gooseneck mount, then the body needs to be attached to the truck frame in the area of the gooseneck. A shear plate should be attached to the truck frame with a minimum of 3x 5/8” bolts to the truck frame, and 2x 5/8” bolts to the Rancher frame.
6. Follow manufacturer’s recommendation for installing fuel filler and/or DEF fill components. Fuel fill components must be securely attached to the body.
7. If a gooseneck ball is installed, follow the ball manufacturers’ directions for installing the ball. Install and securely attach chain attachments as required.

NOTE: The gooseneck Maximum Gross Trailer Weight for the Rancher body with a gooseneck compartment is 30,000 lbs. This will be reduced if any other component of the towing system has a lower rating. If the truck, gooseneck ball, safety chains, trailer components, etc are rated lower than 30,000 lbs, the lowest rating should be used to determine the Maximum Gross Trailer Weight of the complete setup.

8. Install all labels and decals as shown in Figure 2. Install the lights as shown in Figure 2, and then attach wiring harness. Verify that all lights are working properly.

NOTE: If the light package includes incandescent lights, the Center High Mount Stop Light (CHMSL) that installs in the top center of the bulkhead is different that the Stop/Turn/Tail (STT) lights that install in the back of the body. Make sure to install the correct light in the correct location.

FIGURE 2



"MAINTENANCE & OPERATION INSTRUCTIONS"

- NOTE:** Follow good safety practices and be aware of your surroundings when operating this product. Read and follow the general warnings found at the beginning of this manual.
- NOTE:** If a receiver hitch is included with the Rancher body, the Maximum Gross Trailer Weight is 12,000 lbs with a Maximum Vertical Tongue Load of 1,200 lbs. Never exceed towing capacity of vehicle, receiver hitch, or any part of towing system.
- NOTE:** The gooseneck Maximum Gross Trailer Weight for the Rancher body with a gooseneck compartment is 30,000 lbs. This will be reduced if any other component of the towing system has a lower rating. If the truck, gooseneck ball, safety chains, trailer components, etc are rated lower than 30,000 lbs, the lowest rating should be used to determine the Maximum Gross Trailer Weight of the complete setup.
- WARNING:** Overloading of a vehicle can cause vehicle component damage or an accident which may cause injury or death. **Never** exceed the gross vehicle weight (GVWR) or the gross axle weight (GAWR) rating or gross combined vehicle rating (GCWR) of your vehicle.

Fasteners

Check that all bolts and nuts securing the body to the frame are tight. Check these every time the vehicle is greased, or at least once a year. Initially recheck these within 1 month after the body is installed. The 5/8" bolts should be tightened to 60-65 ft-lbs of torque.

Lighting

Inspect the lighting periodically for proper operation. Replace or repair any damaged wiring, broken lenses, broken bulbs, or burnt out bulbs. Proper lighting is critical to the safe operation of the vehicle.

Decals

Decals must be present and readable on the body. If any decals are missing or damaged, they must be replaced. To obtain replacement decals, contact your "Rugby" dealer. Refer to Figure 2 for decal locations.

WARNING: Missing or damaged decals can lead to accidents that may cause serious injuries or death.