



Service Bulletin

101 East Seneca Bancroft, IA 50517	Bulletin #: SB000001	Date: 3-10-2015
Prepared by: Bob Mortenson	Phone # 515-885-2398	Page: 1

Subject:

Inform Aluma dealers and owners that 7710 and 7712 heavy duty trailers have fender and tire clearance problem when trailer has heavy load placed on it

Solution: Use .5" thick spacers to extend axle mounting position to eliminate fender clearance problem. Aluma will allow .5 hours of labor to be submitted for installation of retrofit.

Models and VIN Numbers (if applicable) Affected:

7710H – Retrofit starting with VIN number 1YGUS1014FB117055 – manufactured date 3/14
7710H BT – Retrofit starting with VIN number 1YGUS1016FB116828 – manufactured date 3/14
7712H – Retrofit starting with VIN number 1YGUS1219FB116495 – manufactured date 2/14
7712H BT – Retrofit starting with VIN number 1YGUS1211FB116605 – manufactured date 2/14
7712HTilt – Retrofit starting with VIN number 1YGUS1211FB116653 – manufactured date 3/14

Retrofit kit: To be ordered from Aluma Service Department – at no charge

Quantity	Description
2	.5" X 11" spacers part number 43013
4	2" ½-13 Grade 8 axle bolts and steel slides
4	½-13 Nylock nuts
4	½ Split washers

Note: The following parts are required for update and do not substitute any of these parts.

Retrofit Instructions:

Warning: Use appropriate jack and jack stands, ensure weight ratings capacity exceed weight of trailer. Park trailer on hard level surface.

- 1.0 Using jack raise and place trailer on four jack stands and remove wheels. Retain lug nuts for later use. **Warning:** Never go under your trailer unless it is on firm level ground and resting on properly located rated secured jack stands.
- 2.0 Hold axle in position using two jack stands, loosen, then remove and discard old hardware. (bolts, nuts and washers) **Caution:** Use appropriate PPEs when disassembling and assembling.
- 3.0 Lower axle and install the new axle bolts into the axle mount. Place the ½" spacer on axle before installing the axle back onto trailer. See Figure 3. For easier spacer installation use tape to hold spacer onto axle mount. (if needed)
- 4.0 Place the spacer against the axle stop that is welded to the current axle mount. Do not remove barrier material. Place axle on the trailer, put on the washers followed by the nylock nuts. DO NOT TIGHTEN AXLES YET. See Figure 2
- 5.0 Make sure ½" spacer is against the axle stop and axle bracket is flush with the ½" spacer as shown. See Figure 1
- 6.0 Center the hubs so that they are evenly spaced on both sides of trailers. Verify distance from axle mount side to axle outside face of hub. See Figure 4. Once this is completed tighten axle hardware and then use calibrated torqueing wrench to tighten to 110 ft/lbs.
- 7.0 Place tires onto axle and tighten lug nuts using torque wrench to 110ft/lbs. See Aluma Owner's Manual for lug nut torque tightening sequence. Note: Tires should not rub on fender.



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- 8.0 Verify work has been completed and hardware is secured. Raise trailer and remove jack stands.
- 9.0 Lower trailer and perform driving functional test to verify trailer is traveling correctly.
- 10.0 For more detailed information refer to Aluma Owner's Manual and Axle Manual.



Figure 1

Axle Stop

.5" X 11" spacer

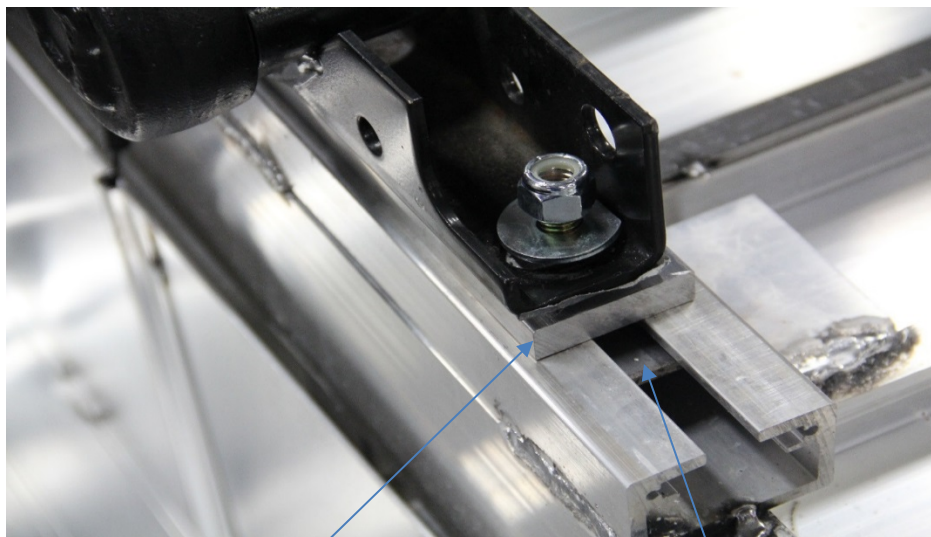


Figure 2

.5" X 11" spacer

1/2-13 X 2" Grade 8 bolt and steel slide



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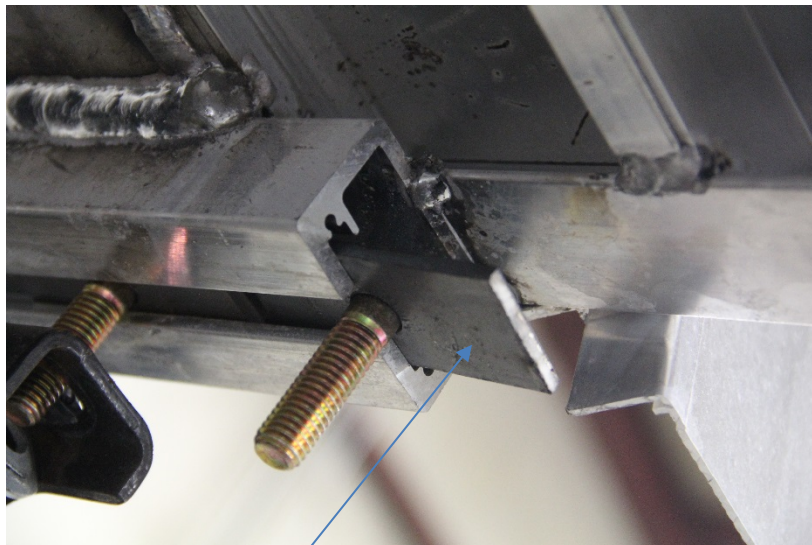


Figure 3

1/2-13 X 2" Grade 8 bolt and steel slide



Figure 4

Example for centering hubs
by measuring axle hub
location.