

# Installation Instructions

## Nissan Altima, Maxima

Part Numbers:

24788

60944

77162

### Drawbar Kit:

3597

Drawbar must be used in the **RISE** position only.

**Do Not Exceed Lower of Towing Vehicle  
Manufacturer's Rating or**

**2000 LB (908 Kg) Max Gross Trailer Weight**

**200 LB (91 Kg) Max Tongue Weight**

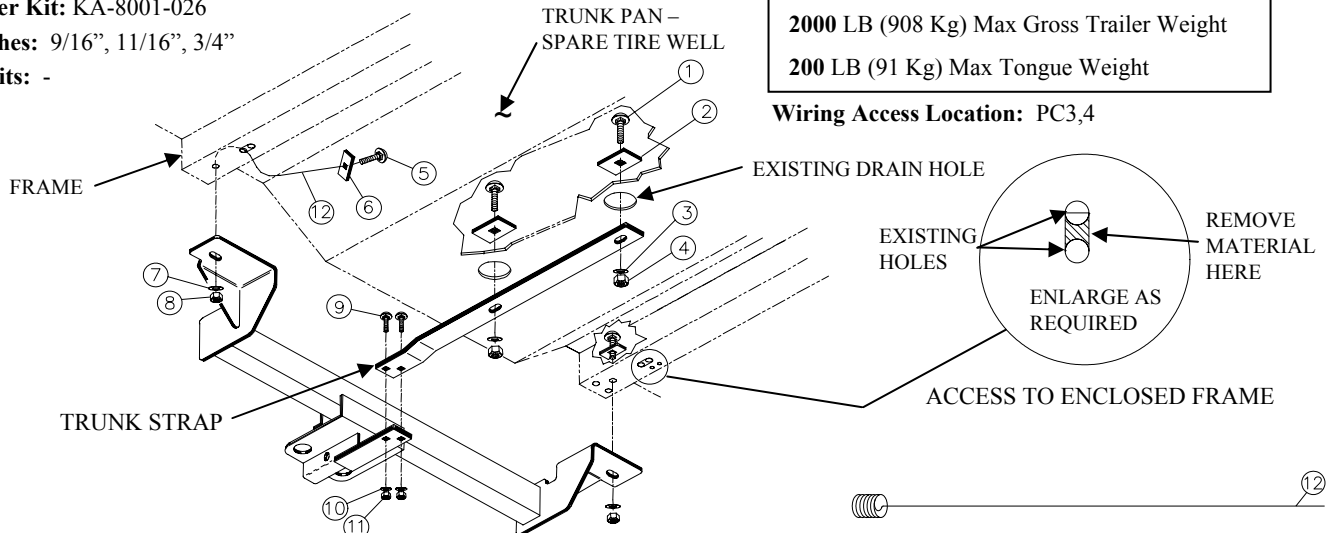
**Wiring Access Location: PC3,4**

**Equipment Required:** Metal Shears, File, Paint

**Fastener Kit:** KA-8001-026

**Wrenches:** 9/16", 11/16", 3/4"

**Drill Bits:** -



|   |          |  |   |          |  |
|---|----------|--|---|----------|--|
| ① | Qty. (2) | Carriage Bolt – 1/2"-13 x 1-1/2" GR. 5   | ⑦ | Qty. (2) | Washer Conical Toothed – 7/16"         |
| ② | Qty. (2) | Bolt Block – 2" x 2-1/2" x 1/4"          | ⑧ | Qty. (2) | Nut – 7/16" x 14                       |
| ③ | Qty. (2) | Washer Conical Toothed – 1/2"            | ⑨ | Qty. (2) | Carriage Bolt – 3/8"-16 x 1-1/4" GR. 5 |
| ④ | Qty. (2) | Nut – 1/2"-13                            | ⑩ | Qty. (2) | Washer Conical Toothed - 3/8"          |
| ⑤ | Qty. (2) | Carriage Bolt – 7/16" -14 x 1-1/4" GR. 5 | ⑪ | Qty. (2) | Nut – 3/8"-16                          |
| ⑥ | Qty. (2) | Bolt Block – 1" x 3" x 1/4"              | ⑫ | Qty. (1) | Bolt Leader – 7/16                     |

- 1) Remove spare tire from trunk.
- 2) In floor of trunk pan, remove rubber plug from front drain hole. Puncture bonded covering from rear drain hole.
- 3) Lower exhaust by removing hanger bracket/brackets from end of muffler/mufflers.
- 4) Remove plastic rivets from supports on bottom edge of bumper fascia. Rivets are released by first pulling out centre post of rivet approx 1/4". Rivet can then be pushed out by hand.
- 5) Referring to illustration, remove material from between adjacent holes in frame member using metal shears. Dress sides of hole with file and enlarge opening to allow passage of head of 7/16" carriage bolt (5). Refer to "Access To Enclosed Frame". BE SURE TO COVER ANY CUT/BARE METAL SURFACES WITH A RUST INHIBITOR. Repeat for other side of vehicle.
- 6) Thread bolt leader (12) onto carriage bolt (5) and insert other end of bolt leader through hole in reinforcing plate (6). Fish bolt leader and assembly through access hole in frame member (produced in step 5) and out through proper bolt hole. Carefully pull through hole until bolt is into position. Remove bolt leader. Repeat for other side.
- 7) Raise hitch up to frame while holding plastic fascia support fingers back to allow hitch crosstube to fit up into cavity behind bumper.
- 8) Being careful not to push bolts back into frame, lift hitch into position. Install Washers and nuts (7&8) a few threads, holding hitch, but allowing it to hang loosely.
- 9) Attach trunk strap to top surface of mounting tab on hitch receiver using 3/8" carriage bolts (9), washers (10) and nuts (11).
- 10) Using silicone compound to ensure air tight seal, install trunk plates (2) length ways with vehicle (long side running front to back). Pass 1/2" carriage bolts (1) through trunk plates from above, through drain holes in trunk pan and through holes in trunk strap. Install washers and nuts (3&4).
- 12) Adjust trunk plates, trunk strap and hitch, tighten all bolts, refer to torque table on the instruction sheet.
- 13) Re-attach bumper fascia using plastic rivets removed in step 4.
- 14) Raise exhaust and re-attach muffler hanger bracket/brackets.
- 15) Replace spare tire.

Tighten all 1/2" fasteners with torque wrench to 75 Lb.-Ft. (102N\*M)

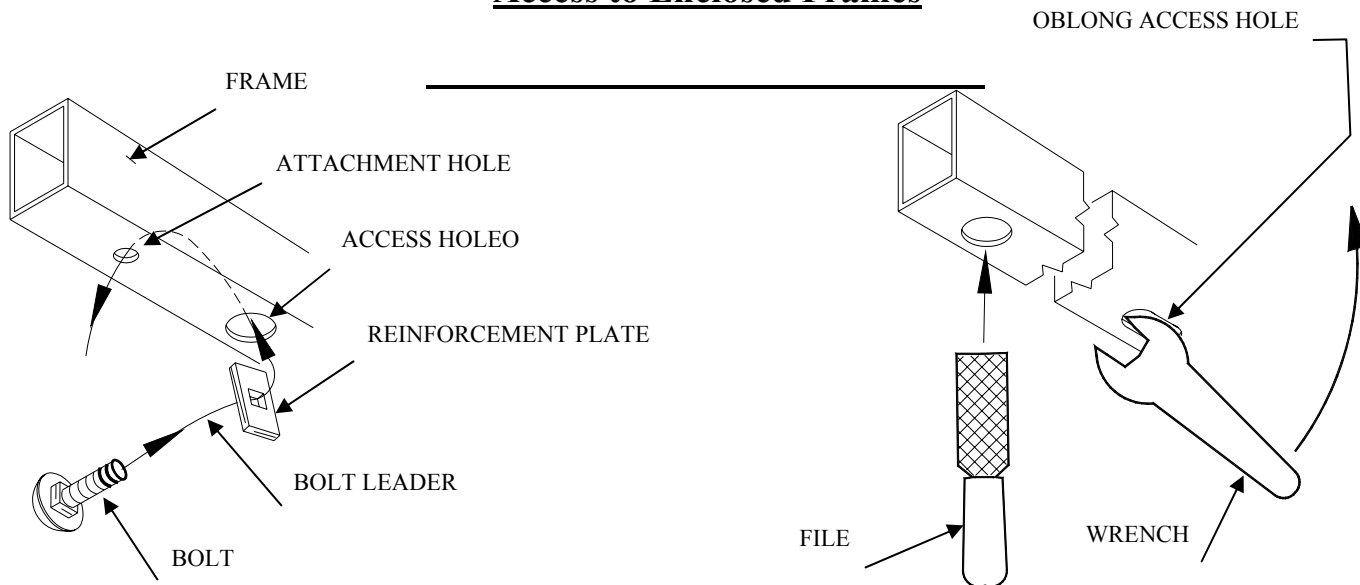
Tighten all 7/16 fasteners with torque wrench to 50 Lb.-Ft. (68N\*M)

Tighten all 3/8" fasteners with torque wrench to 30 Lb.-Ft. (41N\*M)

Note: check hitch frequently, making sure all fasteners and ball are properly tightened. If hitch is removed, plug all holes in trunk pan or other body panels to prevent entry of water and exhaust fumes. A hitch or ball which has been damaged should be removed and replaced. Observe safety precautions when working beneath a vehicle and wear eye protection. Do not cut access or attachment holes with a torch.

# Installation Instructions

## Access to Enclosed Frames



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### INSTRUCTIONS:

1. Check to see if reinforcing plate and bolt head will fit through access hole, if not modify hole to accept hardware, the illustration above shows two ways of achieving this, the first is using a file, the second is by inserting a wrench or prying as shown. **Enlarge hole just enough to get hardware through.**
2. Thread bolt leader onto bolt, insert loose end of bolt leader through hole in reinforcing plate. Fish bolt leader through access hole and attachment hole.
3. Pull hardware into position, refer to illustration. **NOTE:** it is much easier if bolt and reinforcing plate are not engaged while inserting them into frame, refer to illustration.
4. Proceed with installation of hitch as per instructions.