

# AGM EXR Tank Install

(CAN-AM: 17-18 2 seat & 17-current 4 seat)

For more information please visit our website at [www.agm-products.com](http://www.agm-products.com)

## WARNINGS:

- \* AGM EXR TANK IS FOR OFF-ROAD USE ONLY. AGM EXR TANK IS NOT FOR RACING \*
- \* OVERFILLING TANK MAY CAUSE SPILLING AND IS FIRE A HAZARD. DO NOT OVERFILL \*
- \* IF TOPPING OFF STOCK AND EXR TANK, BEGIN DRIVING IMMEDIATELY. DO NOT LEAVE VEHICLE FULL, IN HIGH TEMPERATURES FOR EXTENDED PERIOD OF TIME AS FUEL WILL EXPAND. WITH NO WHERE TO GO FUEL CAN CREATE EXCESSIVE PRESSURE IN SYSTEM, RESULTING IN DAMAGE OR RUPTURE.

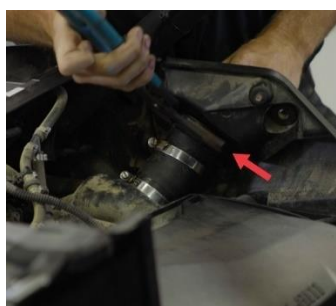


## Disassembly:

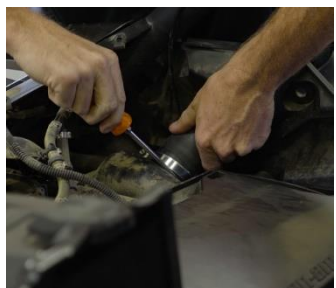
1. Remove passenger dash panel bolts (red arrows) and plastic rivets (green arrows). (T27 torques, panel popper / screwdriver and 10mm socket)  
**TIP:** take pictures of hardware locations or layout hardware to ensure all pieces go back in the same places when assembling later.



2. Loosen hose clamps (7mm socket or driver). (red arrows).  
**NOTE:** No need to remove clamps yet.



3. Remove Gas cap access cover and gas cap. Hold gas cap filler with one hand and using channels or strap wrench, loosen nut on the backside of the trim panel (red arrow). Remove filler neck.



4. Remove rubber coupling hose from fuel tank.  
**TIP:** Use a flat head screwdriver or hose pick to help push hose off fuel tank filler neck



# AGM EXR Tank Install

(CAN-AM: 17-18 2 seat & 17-current 4 seat)

For more information please visit our website at [www.agm-products.com](http://www.agm-products.com)



5. Remove both passenger front seat rail bolts (red arrows). (13mm socket and wrench)

6. Slide passenger seat forward to access seat belt shoulder strap assemblies and rear seat rail nuts behind seat.



7. Remove both passenger seat belt shoulder strap assembly nuts (red arrows). (18mm socket). Let assemblies hang behind seat after removal.

On 4-Seat Models- Remove cross bar pad to access shoulder strap assembly nuts (T20 torques)



8. Remove both passenger rear seat rail nuts (red arrows). (18mm)

9. Remove passenger seat and set aside.



10. Remove passenger side trim panels at front center console.

**TIP:** start at top rear corner of trim panel (red arrow) and pull out. Continue towards front of trim panel pulling out as you go. With all clips popped out you can lift the panel up and out of car.

On 4-Seat Models- you will need to pop out the leading edge of rear center console trim panel to allow removal of front center console trim.



11. Remove 1 switch knockout in upper center console/dash area or cut out at center console near cup holders to make room for EXR tank pump switch.



# AGM EXR Tank Install

(CAN-AM: 17-18 2 seat & 17-current 4 seat)

For more information please visit our website at [www.agm-products.com](http://www.agm-products.com)



Drivers side

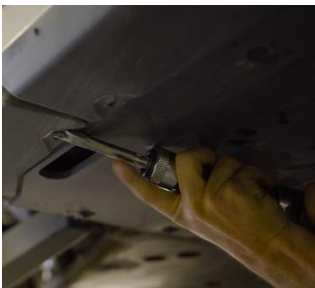
## 4 SEAT CARS ONLY

Loosen driveshaft carrier bearing bolts, so that spacers can be installed between chassis and Carrier Bearing, on step 3 of assembly. (15mm socket)

**TIP:** Do not remove bolts completely, only back out enough to fit in spacers.



Passenger side



12. 2- Seat Models – Remove both skid pans. Use an air hammer with chisel bit or hand chisel and hammer, to knock heads off all skid pan rivets.

On 4-Seat Models – Remove front and middle skid pans.

Use an air hammer with chisel bit or hand chisel and hammer, to knock heads off all skid pan rivets.

**TIP:** Start with chisel at 45\* angle to skidpan. As you hit the chisel and begin to work under the head of the rivet, decrease your angle, so that your chisel is almost parallel with the skid by the time you knock the head of the rivet off. This will shorten the time to remove each head and reduce gouging in the surface of the skid pan.

**NOTE:** Dirt may be trapped on top of skid pans. Be sure to wear safety glasses to protect your eyes from dirt and debris while removing skids for vehicle.

13. Pull the remaining portion of each rivet out of the chassis tubes. (pair of dykes or pliers.)

**NOTE:** If pieces will not come out, you can push them in by hand or with a punch and hammer. Pieces will eventually fall out of drain holes.



14. Cut 1.5 inches off driver's side center console trim panel below driver's seat. (pneumatic or electric cut-off wheel or tin snips).

**TIP:** 1.5" wide blue painters' tape can be applied to panel as a guide. Align tape with lower edge of panel. After cutting, debur cut edge and discard cut-off piece.



# AGM EXR Tank Install

(CAN-AM: 17-18 2 seat & 17-current 4 seat)

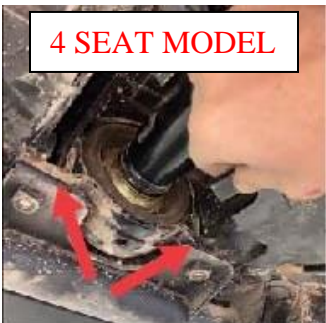
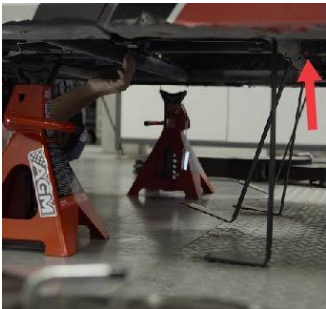
For more information please visit our website at [www.agm-products.com](http://www.agm-products.com)

## AGM EXR Tank Assembly

1. Install hose clamps on tank straps. From under vehicle, position all 4 tank straps on chassis tube located under front seats. Tighten hose clamps till there is some drag on straps when moving straps (*7mm socket or driver*). Do not completely tighten clamps yet. Front of straps can rest on the ground, while retrieving EXR tank.

**NOTE:** Hose clamp heads should face towards rear of car – (RED ARROW).

**NOTE:** 2 Seat Model – position straps so hose clamps pass by rear trailing arm tabs/gussets. You may need to remove rivets securing floor to this chassis tube to allow enough space for tank straps to pass under floor. If positioned correctly, edges on front of strap should line up near vertical edge of tall section of fuel tank, when installed. 4 Seat Model – positions straps so hose clamps/straps pass inside floor support brackets. If positioned correctly edges on front of strap should line up near vertical edge of tall section of fuel tank, when installed.



2. Install fuel tank over the top of the tank straps and lift all straps into place. Use jack stands or other objects to hold tank in place.

3. On 4-seat models only- install drive shaft Carrier Bearing spacers between chassis bracket and Carrier Bearing housing (red arrows). Square spacer under Carrier Bearing and align with edges of chassis bracket.

4. From top. Drivers side. Install bar clamps on cross bar at front of seat. Position clamps so that stud on tank strap can pass through holes in bar clamps. When in place, install washer and nut. Do not tighten yet.

**TIP:** before leaving driver's side reach under driver's seat and cut zip tie holding balance hose in place. Route hose out behind driver's seat. Then slide driver's seat forward to give you more space for later steps.

5. Install passenger side bar clamps. Secure tank straps to bar clamps with washer and nuts. Do not tighten yet.

6. Center EXR tank from left to right in vehicle and tighten all strap nuts as well as carrier bearing bolts (*7/16 socket & 15mm socket*)

**TIP:** draw in nuts evenly as you tighten. Do not tighten one side completely and then move to other as this will cause the tank to sit crooked from left to right, in chassis. Do not forget to tighten Carrier bearing bolts!



# AGM EXR Tank Install

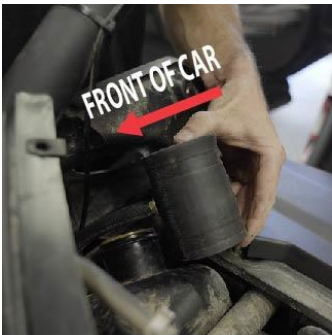
(CAN-AM: 17-18 2 seat & 17-current 4 seat)

For more information please visit our website at [www.agm-products.com](http://www.agm-products.com)



7. Install fuel pump on EXR Tank and tighten in place with supplied hardware (1- 1/4-20 x 1 bolt, washer, and nut. 7/16 socket and wrench)

8. Thread pick-up tube nut onto pump and tighten in place (red arrow) (5/8 wrench)



9. Install supplied fuel filler coupling. Yellow dot towards fuel tank and transfer hoses pointing down & forward.

**TIP:** Install hose clamps on coupling hose before installing hose in car.

**NOTE:** make sure cream-colored insert in fuel tank neck is pushed all the way in before installing AGM coupling hose.

**NOTE:** if correctly installed the drain fitting on the fuel nozzle inside the coupling (fitting with the larger hose) should be near the lowest point.



10. Place plastic fuel filler neck nut on backside of panel. Re-install plastic fuel filler neck through panel, tightening nut as you go.

**NOTE:** there are 2 small tabs on the backside of the filler neck. These index into 2 cut-outs in the body panel.



11. Route transfer hoses (red arrows) down a-pillar cavity and out bottom of car. Then redirect towards rear of car, inside trim at door sill. Install 5/16 hose on barb protruding from fuel pump (red arrow).

Continue routing 3/8 hose past fuel pump and around outside of seat rail spacer. Then back to breather fitting on fuel tank. Connect 3/8 hose to breather fitting that is closest to fuel pump.

**TIP:** Cut 5/16 and 3/8 hose to length, if needed. But be sure hoses have enough slack that they do not rub on any sharp edges before cutting.



# AGM EXR Tank Install

(CAN-AM: 17-18 2 seat & 17-current 4 seat)

For more information please visit our website at [www.agm-products.com](http://www.agm-products.com)



## 12. Routing balance hose.

4- Seat Model- Pass vent hose through access port on driver's side panel and into center console (red arrow) Trim rear of passenger side, center console panel to allow balance hole to exit console. Refer to template.

2- Seat Models- Trim radius at rear of driver's side center console trim piece, to allow balance hose to pass by trim and into center console. Trim similar radius at rear of passenger side center console trim piece where battery cable pass by panel, to allow balance hose to exit center console. Refer to template.

Route balance hose to white breather fitting on passenger side of EXR Tank (fitting furthest away from fuel pump). Trim to length, if needed and push onto breather fitting.

**TIP:** If possible, route balance hose such that section inside center console is the highest point between the two ends of the hose. Also, try to eliminate/reduce any spots in the balance hose that are lower than the breather fitting themselves. This will improve venting between the two halves of the tank.



13. Install fuel pump switch and harness. Start by routing harness through hole in dash where you removed knock out in step 11 of disassembly. Follow vehicle harness down behind trim inside dash and again as it turns rearward and passes into center console. (red arrows)



14. Connect red power lead to accessory terminal on power distribution block inside center console. (bottom lug-red arrow). Connect ground wires to ground lug (top lug- white arrow). Route remainder of harness towards rear of vehicle towards balance hose. Then route harness out to passenger side of center console. Follow balance hose and then vent hose until reaching connectors at fuel pump. Connect harness to fuel pump.

**TIP:** Install 5-amp fuse only after everything is connected.



15. Fill tank with 3-6 gallons of gas and test function. Fuel should spray out of nozzle in filler neck. Look for leaks. If everything is functioning properly, zip tie harness inside center console and re-install all interior/exterior trim pieces in reverse order. Zip tie all exposed hoses and harness together and to vehicle components.

**NOTE:** If going back together with rivets install the skids plates now. If upgrading to the AGM skid pan washer & hardware kit, because you're tired of not being able to inspect or service your car from underneath, refer to those instructions now.



# AGM EXR Tank Install

(CAN-AM: 17-18 2 seat & 17-current 4 seat)

For more information please visit our website at [www.agm-products.com](http://www.agm-products.com)



## Using External port

1. Remove threaded cap on port (Located just forward of pump).
2. Connect supplied vehicle transfer hose to port and tighten.
3. Turn ball valve 90 degrees (point blue handle on valve straight up)
4. Switch on EXR pump and transfer fuel to adjacent vehicle.
5. Collect all that good karma!

**NOTE:** Keep vehicle transfer hose in a sealed bag or other area free from debris, so as not to contaminate your system or that of the other vehicle.

**NOTE:** When finished return blue handle on ball valve to original position (in line with hose).

Congrats. That's it, you're done! Go enjoy the extended range and peace of mind knowing you will not be stuck trailside out of gas.

Before operation, please read the following 6 notes.

## IMPORTANT NOTES. PLEASE READ BEFORE OPERATION.

**NOTE:** Fuel is flammable, keep away from heat sources or open flame as it will catch on fire. If you get any fuel on your skin rinse immediately. Do not ingest fuel.



Escondido, CA | 760.884.8319 | [agm-products.com](http://agm-products.com)



# **AGM EXR Tank Install**

(CAN-AM: 17-18 2 seat & 17-current 4 seat)

*For more information please visit our website at [www.agm-products.com](http://www.agm-products.com)*

---

**NOTE:** If you smell fuel while around or operating your vehicle, cease operation immediately and determine the source of the smell. Do not operate the vehicle again unless it has been determined that there are no leaks in your primary or auxiliary fuel systems. A fuel leak can cause headaches, nausea and if a heat source is present, a fire. This will result in property damage and/or personal injury or death.

**NOTE:** If you are involved in an accident. Thoroughly inspect AGM EXR tank before further use. Any damage or cracks could result in system failure, leaks and/or fire.

**NOTE:** It is good practice to check all AGM EXR tank fittings, connections and mounting hardware for wear at least once per season. To catch possible issues before they may cause a failure, damage, or fire.

**NOTE:** AGM will not be responsible for any product issues, property damage or bodily harm that is the result of a failure to properly follow the installation instructions or adhere to the notes listed within.

**NOTE:** By reading this instruction packet you understand and agree to install this product properly and adhere to the warnings and notes listed throughout. If negligent in this task, you assume full responsibility for all product issues, property damage or bodily harm resulting from failure to properly follow the installation instructions or adhere to the notes listed within.

