ROADSMITH

TRIKE CONVERSIONS

Please thoroughly review the instructions before and during installation. Keep in mind that this product was designed to be installed by trained dealer technicians. If you are a do-it-yourselfer, be patient, trust your common sense, and if necessary, call your dealer or contact Roadsmith Trikes at 800-331-0705 if you run into any problems you cannot solve.

APPLICATION: Trike conversion kit for
PRODUCT: HTX1800 trike conversion kit
VERSION: v5
GENERAL NOTES: Please don't attempt any shortcuts.

Date	Section	Description of Change
08-03-21		All compiled updates

A Honda service manual is recommended for this installation

Check all functions (including amount of fuel in tank) on bike before proceeding

Look at photos to understand the difference between a Pre-Load style Trike chassis and a STD (or Accu-Ride) style Trike chassis. 1, 2

If the bike you are converting already has, or if you are installing, a CB radio with the conversion, contact us for information/parts to accommodate before proceeding.

Set suspension pre-load on bike to the lightest setting (driver only)

Remove & save *side covers* 3, 4

Disconnect battery

Remove & save *seat* and hardware – Unplug electrical connector under right side cover. Release electrical plug from saddle bag. Remove allen bolts. Lift front of seat to release push-in pins from grommets. Lift front of seat while pushing it forward to release it from rear mounting tangs 5, 6, 7, 8, 9, 10

Remove & discard *saddlebag lock assembly mounting screws* (4 each side, silver) from saddlebags and let them hang. Remove tour pack emergency release cable from right side lock assembly and saddlebag - It will stay with the tour pack 11

Remove & save tour pack – *Remove tour pack* from mounting rack after disconnecting all wiring and emergency release cable NOTE: Remove (4) (5mm allen wrench size) screws from bottom of tour pack- Slide tour pack to rear and lift to remove. Note position of washers, spacers, gaskets, etc for re-assembly- Picture 13 shows aluminum spacers set in position on tour pack rack for reference 12, 13

Unplug all connectors from *audio unit* – 14
NOTE: They are all color coded or keyed for re-installation

Remove & discard rear fender extension and hardware (*lic. Plate mtg*) – cut off and save lic. plate light plug for installation on trike harness (leave enough wire to do this) 15

Remove *upper saddlebag covers* & discard – save accessory switch/switches, covers and switch mtg screws. Save one “saddlebag open” switch, discard mounting screw 16

Remove & save reflectors and hardware from saddlebags

Remove & discard rear *emergency key lock* assembly & hardware 17, 18, 19

Remove & discard *rear saddlebag covers* (under tail lights) 20, 21, 22

Remove, unplug & discard tail lights – save tail light mounting nuts (acorn nuts) – leave wire harness' in place on bike (both sides)

Remove & save passenger grab handles and hardware – Unscrew helmet lock cable lever & remove cable with lever from grab handle – Replace lever screw to use for modifications later.

Remove & save *saddlebag lock assemblies* from saddlebags –- unplug wiring and disconnect cables as needed 23 - LEFT 24 - RIGHT

Remove & discard *push pins from passenger floor board cover -* Remove & discard *saddlebags* & hardware - *25, 26*

Remove & save *passenger floorboard covers* and hardware 27

Remove & save mufflers and gaskets – discard muffler hanger bolts

Remove & save exhaust heat shields & rubber crash bar covers w/push pins - discard mounting screws – keep track of rubber isolators at the front of heat shields

Remove & discard *rear crash bars* – Save front bolts – discard rear 28

Cut off, remove & discard *lower saddlebag mounting brackets* and hardware 29

Using the lower down tube on the tour pack mounting rack as a guide, draw a line on both sides of the rear fender - this line will be used later in the installation 30

Remove & save *tour pack mounting rack* with audio unit– discard hardware 31

On DCT bikes, Remove and save parking brake caliper and mounting bolts, leave cable on bike

Remove & discard rear wheel and hardware

Remove & discard center stand if equipped – NOTE - If you are building the bike on the floor and using the center stand you can remove it after the trike chassis is installed

Remove & discard lower shock/*swing arm mounting bracketry* – discard all hardware except the allen bolt and nut attaching the front wishbone to the chassis – save the allen bolt and nut 32, 33, 34

Remove ABS sensor from swing arm (save bolt) Remove & discard all retainer/guide clips– pull wire away from swing arm – it will stay with the bike when the swing arm is removed- insure that this will happen without damaging it

Remove & save *swing arm pivot covers* & hardware 35

Disconnect rear *steel brake* line from rubber line near swing arm pivot 36

Remove rear shock:

DO THIS ONLY IF THE TRIKE KIT BEING INSTALLED IS A STD OR ACCU-RIDE – NOT A PRE-LOAD STYLE: Disconnect the hydraulic hose from the bottom of the actuator motor - Save one copper sealing washer. Oil will run out, be ready with pan, rags, etc. After the oil stops running out, cap the hole with provided bolt and copper sealing washer.

DO NOT DISCONNECT THE HYDRAULIC HOSE FROM THE SHOCK OR THE ACTUATOR WHEN INSTALLING A PRE-LOAD STYLE CHASSIS.

Unplug the shock electrical connector - Follow the wire forward to rear of transmission to find plug.

Remove & save the two upper bolts from the *reverse control box* if equipped. 37 (Pic shown with swingarm removed for clarity)

Locate the (17mm) bolt that holds the upper shock clevis to the chassis. 38 – (Pic shows the bolt location on a DCT bike which the bolt is easier to see) (The head of the bolt faces the rear of the engine/transmission)

So far the easiest way we have found to access this bolt is:

Using a 17mm swivel socket on a long extension.

Remove the small bracket with the slotted rubber grommet off of the alternator then reach in with a 17mm swivel socket to loosen bolt. 39 When the bolt spins in the hole free of the clevis, leave the bolt in the hole.

Remove and save the two bolts holding the reverse control unit. (if equipped) Remove & discard the *swing arm pivot hardware using provided hex tool*. 40 Then pull the shock with the upper clevis still attached out of the chassis - pull toward the rear of the bike. It may be helpful (some bikes) to remove the gas tank clamp from the right side (near the pass. footrest) and pry up under the tank to gain a bit more room.

Remove & *discard swing arm* and hardware – On Pre-Load style chassis the shock will remain attached to the bike due to the hydraulic line. On STD and Accu-Ride style chassis' the shock can be removed at this time. Remove the upper clevis from the shock - save it, the Allen bolt, and nut. Insure that the area near the spline of the output shaft is clear of any hoses, wires, etc. Tie off any that may contact driveshaft. 41, 42

Replace reverse control box if equipped

Now, if installing a “pre-load” style chassis, the stock hydraulic system must be retained. Do not disconnect the hydraulic hose. In order for the hydraulic unit to reach the trike chassis the *hydraulic hose* must be *re-routed*. 43, 44 Remove bolts holding gas tank bracket and right side gas tank clamp, slide hose under clamp to the rear and replace bolts.
Remove the hydraulic unit from the shock- There are several methods, the easiest being *cutting the spring* with a cut off wheel- CAUTION - Wear eye protection and gloves. There is slight pre-load on the spring even when the suspension is set at its lightest setting. It will “jump” a bit when cut through. After cutting spring or otherwise disassembling it, loosen (do not remove) the *small Allen set screw* in the hydraulic unit, remove and save the *hydraulic unit and the retaining ring* from the shock, discard the shock. 45, 46, 47

Remove side stand switch from side stand - Cut wiring near switch (discard switch)
Connect the two wires together & tie off away from hot/moving parts
Remove & discard side stand lever & pivot bolt
48, 49

After the bike is stripped:

If the Trike is equipped with the optional auxiliary fuel tank:

Insure stock tank is less than 1/3 full. If more than 1/3 full, drain before proceeding. Remove fuel pump from stock fuel tank Use provided washer set in cavity shown to mark hole center. Pilot drill through from marked side using small bit (3/16”) Using pilot hole as center, carefully drill (5/16”) through from top side. Make sure both top and bottom of hole has a nice square edge and is free of burrs. Install auxiliary fuel inlet as shown with O-ring between the top fitting and pump. Install and tighten sleeve nut from below. Replace fuel pump in tank. 50, 51, 52

To install the provided *front chassis mounting bracket* re-use the upper shock mount clevis & hardware and lower Allen bolt & nut 53

Install upper clevis onto chassis mounting bracket - tighten it, then back off the nut just enough to allow it to pivot
NOTE: See photo for correct upper clevis orientation 54, 55
NOTE: The Allen head will be on the right side of the bike, the nut will be on the left.

Install the front chassis mounting bracket/clevis assembly
NOTE: May be helpful to pry up under rear of gas tank to aid in installation of the mounting bracket/clevis

NOTE: Hand/finger tighten upper clevis to chassis mounting bolt at this time 38

Install lower Allen bolt and nut
NOTE: Install bolt from right side of bike and tighten 56

Tighten the upper clevis to chassis mounting bolt 38

Tighten the upper clevis Allen bolt NOTE: Use the provided 8mm Allen tool to hold the bolt while tightening the (17mm) nut 57

Install provided rear brake hose adapter fitting 58

Install provided steel brake line 59

Replace gas tank mounting hardware if removed

Cut the rear fender:
NOTE: These cuts do not need to be held to close tolerance, they cannot be seen and are for various parts clearance issues only.
Locate the tour pack relocation brackets and loosely install them on the chassis. Make a mark on the fender (both sides) using the hole as a guide. 60
Remove relocation brackets and drill 2" holes centered on marks.
NOTE: These are access holes to ease installation of tour pack mounting rack hardware during final assembly.
Now cut fender on previously scribed line to the back edge of raised area, then continue the cut horizontally around the back end of fender staying just under the rear screw hole bosses. 61
If installing the optional aux fuel tank, cut out clearance hole for the large aux. tank breather hose. (Left side only) 62, 62A

Roll the trike chassis to the rear of the bike

If the trike kit was ordered with the PRELOAD STYLE CHASSIS, perform steps "a" thru "h" below

If the trike kit was ordered with the ACCU-RIDE OR STD STYLE CHASSIS, skip step #"a" thru "h" and see diagram #A-100-853-A-D(rev c) (in bag in kit box) to connect the ACCU-RIDE system (if equipped) using the provided harness and fuses

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Assemble the hydraulic ram onto the machined aluminum parts as described below

a. Remove the upper ½" bolt from the machined aluminum parts on the front of the chassis

b. Remove the top aluminum sleeve
c. Install the circlip (saved from the stock shock) into the groove in the top sleeve
d. Slide the sleeve into the top of the bike's hydraulic ram
e. Insert the assembly back onto the lower sleeve with the banjo bolt head facing forward
f. Replace the upper ½" bolt and tighten it
g. Loosen the lower ½" bolt, push the lower assembly toward the rear and tighten the bolt (while maintaining pressure to the rear) Doing this will remove any extra play in the ram assembly.
h. Tighten the set screw on the ram (keeps it from rotating)
63, 64, 65, 66

Installing the chassis

Roll the chassis forward to align the two mounting plates with rear crash bar mounts on bike

i. Use a floor jack to help adjust trike chassis height to align the two front mounting plate holes
j. Carefully (do not cross thread) insert two saved crash bar bolts through front holes in the trike frame mounting plates and into front holes in bike frame. Turn them in all the way but do not tighten yet.
k. Using a floor jack, align hole in front chassis 2 x 2 tube with hole in front chassis mount bracket and install provided ½" x 3 ¼" bolt, flat washers and nylock nut. Do not tighten it yet
l. Again using the floor jack, install the four remaining bolts through bike chassis and mounting plates – 8mm x 45mm bolts in rear holes, 8mm x 70mm bolts in middle holes
m. Install spar tubes as shown (2) 3/8-16 x 2" bolts and nylock nuts for front mount
n. Lift up on trike chassis (floor jack under differential) before tightening the chassis mounting bolts
o. Tighten all chassis mounting hardware. (3) Each side plus the forward mounting and spar tube bolts
67, 68, 69, 70, 71

Connect the steel rear brake line to the trike chassis brake line fitting

IMPORTANT! Securely zip-tie the brake line to avoid any contact with the driveshaft

Bleed the brake system thoroughly, refilling the reservoir as necessary
The upper bleeder screws on the front calipers service the front brake lever
The lower bleeder screws on the front calipers service the rear brake pedal
The upper bleeder screws on the rear calipers service the rear brake pedal
Do not open the lower bleeder screws on the rear calipers.

NOTE: If installing a steer kit you might want to wait to bleed brakes until steer kit install completed.

Install rear ABS extension harness (#1546): 72 thru 72F
Locate rear ABS brake electrical connector near upper rear of right side cylinder head by removing/moving plastic as shown to access connector.
Unplug connector. Locate plastic wire clamp and remove. Plug in #1546 harness extension and pull through toward the rear. Extend entire rear ABS cable toward rear and secure away from hot/moving parts as required. If trike is not having the optional aux fuel tank installed, replace plastic panels now. If it is equipped with the optional aux fuel tank wait to replace the panels as directed

When extended, Install *ABS sensor into bracket* on trailing arm and securely tie the wire off to brake line to prevent contact with hot/moving parts.– Check air gap between sensor and trigger ring. Adjust sensor to 0.040" air gap. 73

On DCT bikes - Install stock parking brake cable into bracket and connect to provided cable. (see pic) Then install stock parking brake caliper on right side trailing arm parking brake caliper mounting bracket and adjust cable as needed. 74 A, 74 B, 74 C, 74 D

Install the *driveshaft* by sliding the front spline onto the transmission output shaft

a. Install the rear u-joint or flange into place on the differential yoke
b. Install the u-joint or flange retainer hardware and tighten
c. Install the supplied locking collar on to the driveshaft
    i. Before tightening locking collar, push the shaft all the way forward against the engine. Set the collar 1/16"- 1/8" forward of driveshaft's rear slip yoke
    ii. Grease the zerk fitting on the driveshaft slip yoke

Install provided left and right rear exhaust *heat shield mounting brackets* (#1376) These brackets are adjustable- tighten them at approximate center of adjustment range for now 75

Replace passenger floor board covers

AUDIO UNIT-
Remove audio unit from tour pack rack – save it and all hardware except large washers 76

Install provided *audio unit relocation* brackets (part #1390) onto audio unit being careful to follow the hardware positioning per diagram #1390-D and PICS Then install audio unit onto tour pack rack using provided 6mm x 16mm bolts and nylock nuts– get audio unit into position starting from the rear/underside of the tour pack rack. Set rack aside for now. 77, 78, 79, 80, 81

Remove trunk release cable from body - carefully noting position of it for later re-assembly : VERY IMPORTANT: IMMEDIATELY DIS-ABLE TRUNK LOCK TO PREVENT DOOR FROM LOCKING SHUT WITHOUT RELEASE CABLE- WE RECOMMEND TRIPPING THE LATCH AND/OR LOOSENING LATCH PIN ON DOOR, ROTATING IT TO ONE SIDE AND RE-TIGHTENING IT, THEREFORE PREVENTING ACCIDENTAL LOCK OUT.

ELECTRICAL COMPONENT/REMOTE LOCK MOTOR REPOSITIONING PLATE- Locate mounting plate (#1391) Appropriate hardware bag from kit box and trunk release cable

Locate the *left and right saddlebag lock assemblies* saved earlier 23 & 24

Remove and save the AM/FM *antenna* from right side lock assembly- Discard screw Cut off the 4 pin plug from the right side lock assembly and save it (leaving enough wire to work with) 83 Discard the right side lock assembly

Left side lock assembly: Cut the green and white/red wires off of Front & rear trip switches & install the two shorter green and white wires from provided 2 pin plug harness (#1476) onto exposed wires closest to the 4 pin plug - green to green & white to white/red then connect the two remaining longer green and white wires on harness #1476 to the green and white/red wires in the 4 pin plug that was cut off and saved from the right side lock assembly. Insulate the ends of the other two wires in the plug Cut off the white zip tie holding the harness to the motor. Diagram 1522-D & 84, 85

Remove the left side lock motor from the steel mounting plate – discard the two mounting screws

Remove the small rectangular antenna (brown plug) from the left lock motor mounting plate and install on #1391 mounting plate as shown using stock screws Diagram 1370-D

Remove & save larger black rectangular antenna (white plug) from left side lock assembly and install on #1391 plate using provided hardware – Install and tighten the inside screw (10-24 X ¾") only at this time- keep outside holes aligned when tightening Diagram 1370-D

Install provided cable anchor into left side lock motor lever as shown (8-32 x ¼" screw) Diagram 1525-D

Install "Z" fitting on threaded end of trunk release cable (removed from the trike body) (carefully- do not kink the cable - ever) into the underside of cable anchor you installed on the left side lock motor and set aside

Install provided screws, nuts and washers into plate as shown - (2) 3mm-.5 x 30mm screws, (4) 3mm-.5 nuts & (2) #4 flat washers) - Diagram 1526-D
Install Left side lock motor with cable onto #1391 mounting plate using two remaining washers & two nylock nuts
Note: Push motor wiring down thru rectangular hole in plate- zip tie wiring to plate Diagram 1370-D

Install cable into plate and adjust to dimension shown in Diagram #1370-D
Read diagram carefully & Measure accurately - Being careful here will save time later

Install AM/FM antenna (10-24 x 1 ½" screws, nylock nuts & plastic spacers, ¾" long spacer on left side & 1" long spacer on right) Diagram 1527-D

Install (center it left/right) component plate assembly on tour pack rack using self drilling screws (provided) 86

Plug in available connectors to audio unit. Carefully inspect trunk release cable routing – It should make a gradual "U" to the right while staying between the tour pack rack bars
VERY IMPORTANT: Be sure to keep release cable free of harsh bends, kinks etc. during this installation to insure trouble free lock operation

Remove left side electrical cable stay from the tour pack – provides extra length needed for installation 87

Remove lower valance panel from tour pack to install provided trike body trunk door open switch: remove 6 push pins and 6 screws from inside the tour pack to release the side panels enough to access lower valance panel retainer screws 88, 89

Drill 9/16" hole for switch to the right (sitting on the bike) of the stock switch, 1¼" from center of stock switch, in line or slightly to the rear with it (front to back) – recommend step drill for this – CAREFULLY de-burr the painted side edge of the hole – then chamfer the inside edge. This will allow the push in switch retaining tangs to lock more securely on to the valance. Install provided push in switch then cut off stock switch from the stock saddlebag open switch extension harness saved earlier. Splice the plug onto the newly installed switch wires. Polarity does not matter here, just connect the black wires. NOTE: After installing the switch in the hole, carefully pry out on the retaining

tangs to make sure they are engaged. Zip tie wiring to existing harness. Remove the three tabs on the forward edge of the valance. 90, 91, 92, 93

Replace tour pack onto completed rack – It helps to use some contact cement or double stick tape to stick the aluminum spools to the tour pack before attempting to install it on the rack.

Replace lower valance with switch- be sure to plug in stock switch when re-assembling

If trike is equipped with the auxiliary fuel tank install the wiring, fuel line, and small breather hose now - Remove the black plastic bezel under left handlebar (push pins) then route wiring to that area. A stiff wire works well for this. If present, remove two plugs from their clips (95) and push them aside to make room for the switch and lights. Drill mounting holes in bezel using #1521-T template. Cut out template and hold in place to mark holes. (96) Drill holes. Install switch and lights in drilled holes. Connect wiring as directed in Diagram 1523-D. Replace bezel. 97

Install fuel line from aux pump to fitting in stock tank 98

Remove plastic panels from right side and route small breather hose from aux tank thru right side 2” hole in plastic fender extension to stock breather hose located under front right side plastic. There is a hose junction fitting there. Remove plastic panels, remove junction fitting and replace it with provided “T” fitting. 99 Connect breather hose and replace plastic panels.

Install tail light wiring module as directed in Diagram 1515-D & photos 100, 101, 102
NOTE: If installing aux fuel tank connect orange wire to “12V + keyed power” on tail light module.
NOTE: If installing Accu-Ride connect purple Accu-Ride wire to “12V + keyed power” on tail light module

Install tour pack relocation brackets, Use 8mm x 55mm bolts and nuts in upper holes, use 8mm x 50mm bolts in lower (threaded) holes Leave the remaining four (8mm x 45mm) bolts and nuts in the bag to be used later when installing tour pack assembly 102, 103

BODY PREP

Install supplied accessory switch pockets: When installing switches in provided pockets use 1/8” bit to pilot drill switch mounting screw holes. Install switch pockets into trike body using a small amount of clear silicone or hot glue applied under the switch pocket flange and/or from underneath body.

Install saddlebag reflectors into trike body – access through tail light opening

If not already done, install tail light wiring extension harness (Part #1505 in diagram #1515-D) into trike body using provided “p” clamps and hardware- Left has orange wire, Right has blue wire. Pull grommets on harness into hole to seal. Keep harness tight (P-clamp) against trunk wall to prevent contact with tires.

Install tail lights into trike body- Use acorn nuts from stock tail lights. Connect wiring so turn signal plugs are on outside bulb (plug with orange wire - left, outside. plug with blue wire - right)

Install saved (stock) license plate light plug onto wires coming from trike trunk (diagram #A-100-818X-D)

Pre-fit side covers: cut off raised area and locking tabs off of side covers as shown in photo. Trim off top outside corner of side covers for proper fitment into trike body. Install provided grommets onto side cover pegs and check side cover to body fitment. The outside face of the side covers should be close to, but not touching the trike body. This can be adjusted by moving the bracket/ locking nuts in or out. The side cover to body alignment can be adjusted by loosening the bracket nuts and moving the middle bracket. (DIAGRAM #1489-D) After pre fitting side covers, set them aside.
NOTE: The cover shown does not have the black lower plastic attached for picture clarity, it does get used. 104, 105, 106, 107, 108

Set body onto chassis- NOTE: Put some sort of rag over rear body mount/trailer hitch area and heat shield mounting brackets to prevent scratching when installing body

Install 4 front body mount bolts from bottom up, install 2 rear body mount bolts from top down, be sure to use flat washers between fiberglass and fasteners. After those 6 bolts are installed, tighten them. Then install the mid body mount bolts (trunk floor) by drilling up though trunk. Use flat washers to fill gap between mid mounts and trunk floor.

Plug in trike body tail light harness. Plug in license plate light wire to plug on end of fender extension

Install tour pack- Have an assistant carefully guide the trunk release cable through the hole in forward trunk wall as the tour pack is be lowered into position. When satisfied with cable routing, start upper bolts first, then lower and tighten all. Carefully (do not bend, kink, or otherwise damage cable to insure smooth trunk door lock operation) Install trunk release cable back into lock assembly. Make sure that the emergency release cable is in position before replacing release cable. Operate emergency release cable several times. DO NOT SHUT TRUNK DOOR YET. Reaching in from the left wheel well, plug in the black 4 pin plugs (remote release actuator motor control), the

black two pin plugs (trike trunk release switch in tour pack), and the white two pin plugs (for the trike" trunk open indicator" switch) Connect all remaining plugs to audio unit and tour pack. Without closing trunk door, check operation of the trike trunk door lock repeatedly - manually close the latch, push the button, make sure the latch opens. Repeat this several times. Close the trunk door and check fit, adjust if needed. Check all lighting/electrical at this time.

Dis-able helmet lock – Temporarily re-assemble helmet lock cable assembly onto grab bar. Use appropriate tool to bend retainer bracket into recess to dis-able helmet lock – Remove & discard cable, lever and screw. Install grab bars 109, 110, 111

Install exhaust *extension pipes and mufflers*.
NOTE: Right side exhaust extension pipe number is 291-1365.
Left side pipe number is 291-1366.
Please remove the part number tags after installation. Use provided bolts/washers for muffler hangers

Install heat shields using provided 6mm hardware. Replace the rubber crash bar covers

TPMS system cloaking: 112 THRU 124
Remove instrument cluster from bike
Remove front bezel from unit
Remove screws holding lens – front and back and remove lens
Remove plastic frame
Remove symbol plate & drop provided valve stem caps into both TPMS related cavities next to left turn indicator.
Re-assemble instrument cluster and replace in bike

Install seat to tour pack filler panel under tour pack (Adhere Velcro strip under tour pack) 125

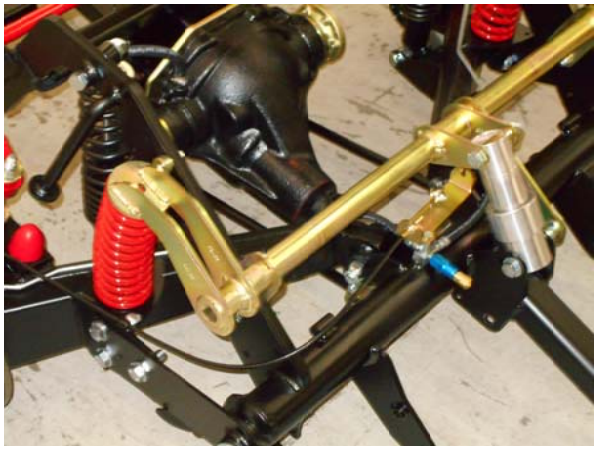
Replace seat

Install side covers

Torque wheels – (75 ft lbs)

7 seat (3)

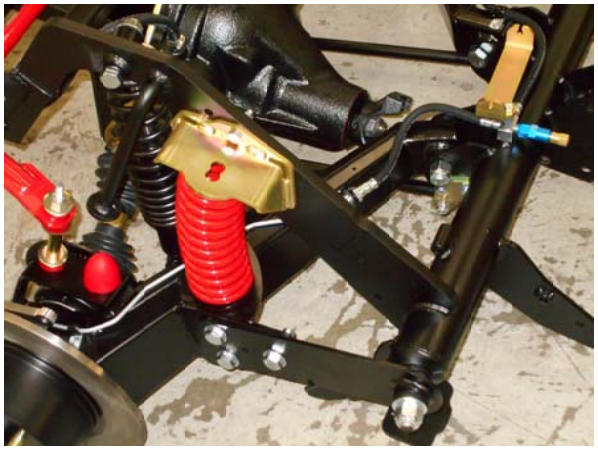
4 side cover (2)



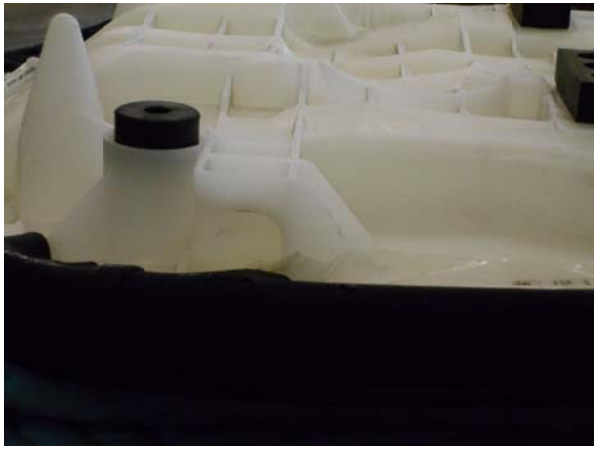
1 Pre Load

8 seat (4)

5 seat



2 Std



9 seat (5)

6 seat (2)

3 side cover

16 saddlebag upper cover

13 remove tour pack (2)

10 seat (6)

17 emergency key lock

14 audio unit

11 saddlebag lock mtg screws

18 emergency key lock (2)

15 lic plate mtg

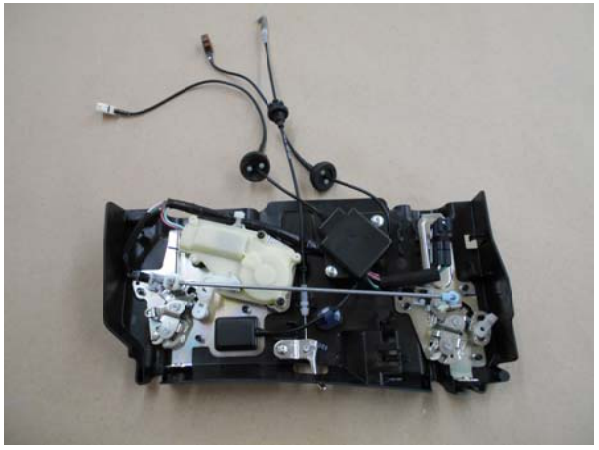
12 remove tour pack

25 pass floorboard push pins

22 rear saddlebag cover (3)

19 emergency key lock (3)

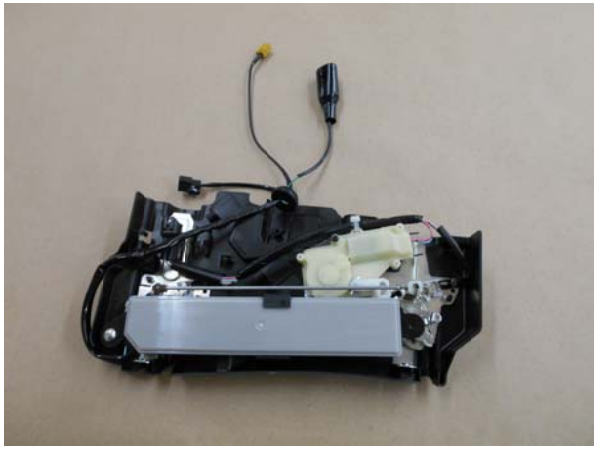
26 remove saddlebags



23

20 rear saddlebag cover

27 pass floor board cover



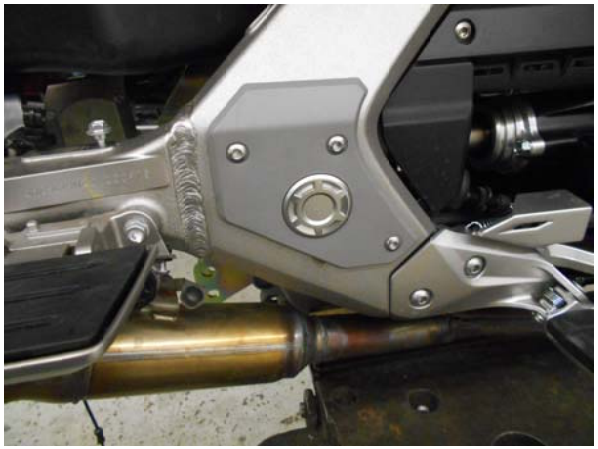
24

21 rear saddlebag cover (2)

34 swing arm brackets - save bolt

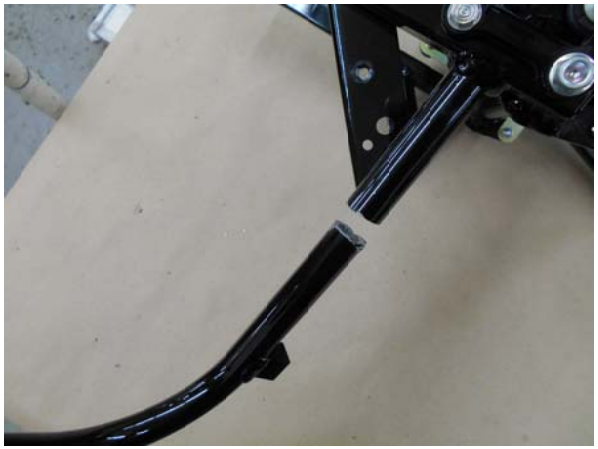
31 tour pack rack

28 rear crash bar



35 swing arm pivot cover

32 swing arm brackets



29 lower saddlebag mtg brackets

36 brake line

33 swing arm brackets (2)

30

43 Re-route hyd hose

40 swing arm removal tool

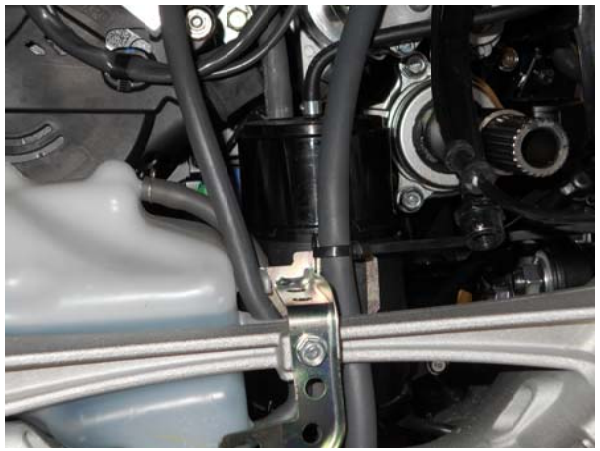
37 Reverse control box

44 Re-route hyd hose

41 swing arm removed

38 upper shock clevis bolt

45 shock spring



42

39

52 Aux fuel inlet

49 side stand

46 shock allen screw

53

50 Aux fuel inlet

47 pre-load hyd unit & ring

54 chassis mounting bracket

51 Aux fuel inlet

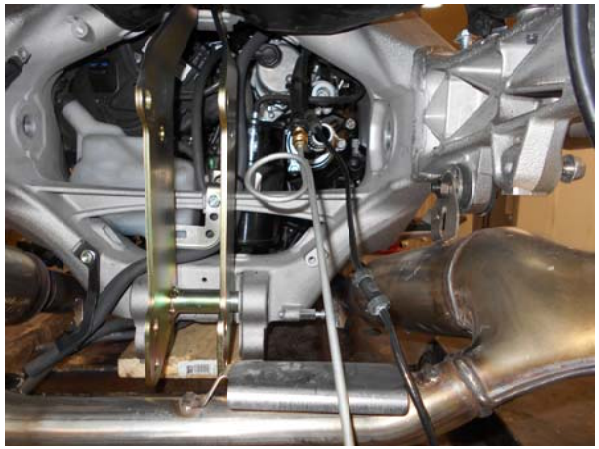
48 side stand

61

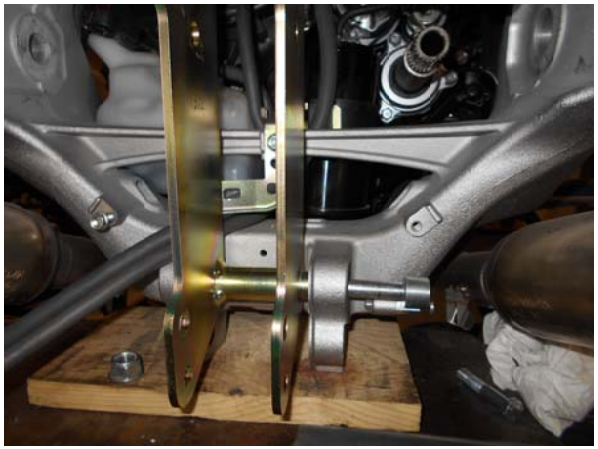
58 brake line adaptor fitting

55 front chassis mounting bracket

62

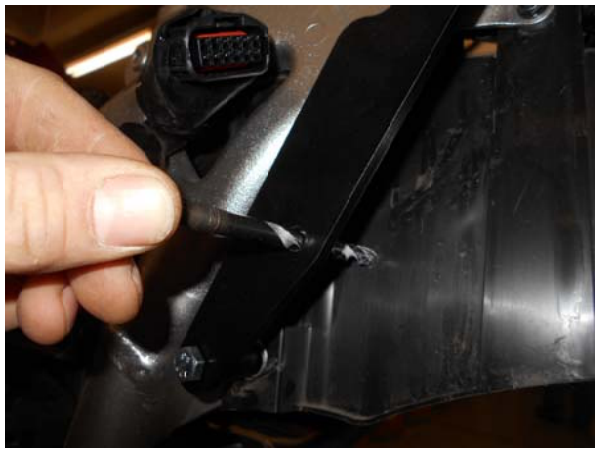


59 steel brake line



56 front chassis mounting bracket

62A



60

57 upper clevis bolt allen wrench

69 chassis install (3)

66 pre load chassis (4)

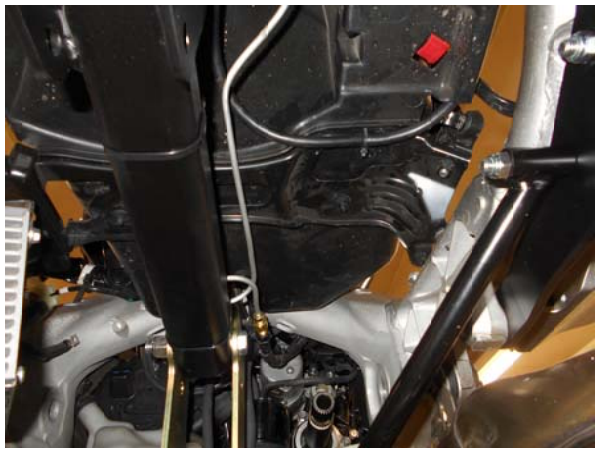
63 pre load chassis

70 chassis install (4)

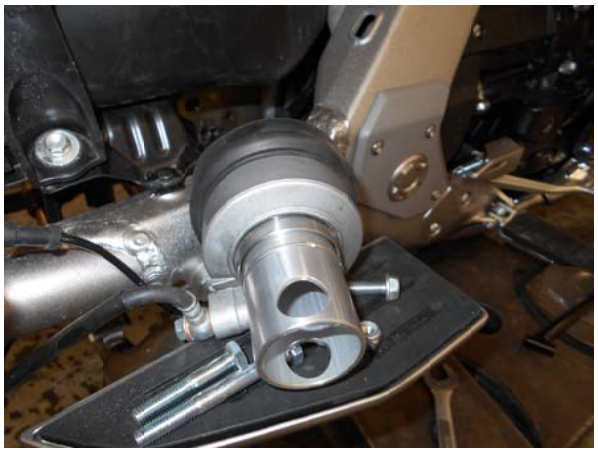
67 chassis install

64 pre load chassis (2)

71 chassis install (5)



68 chassis install (2)

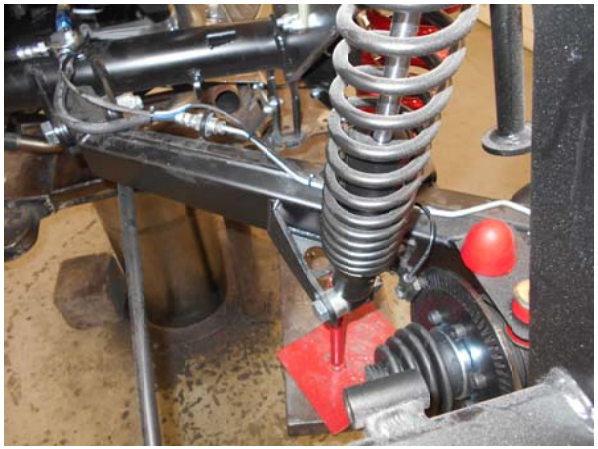


65 pre load chassis (3)

72F

72C

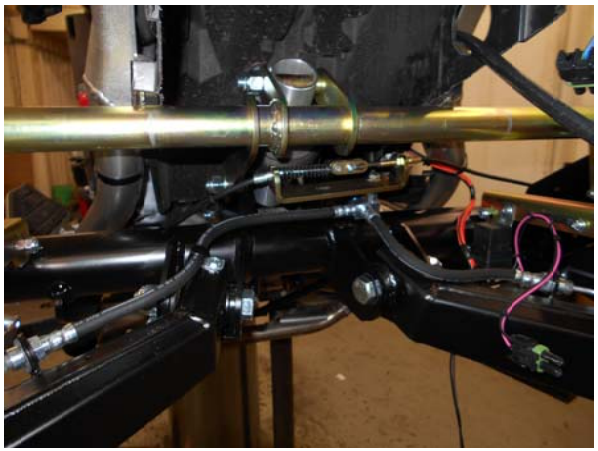
72



73 install ABS sensor

72D

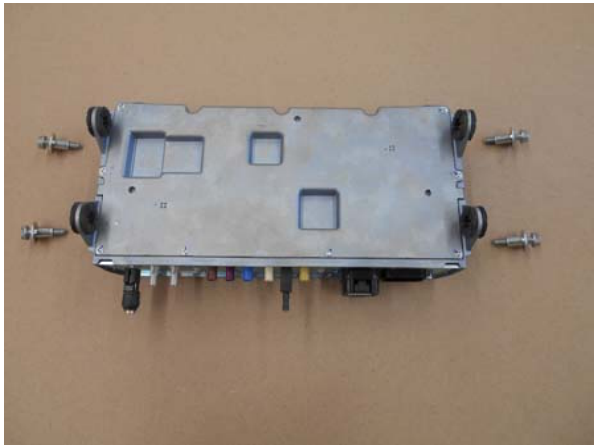
72A



74 A

72E

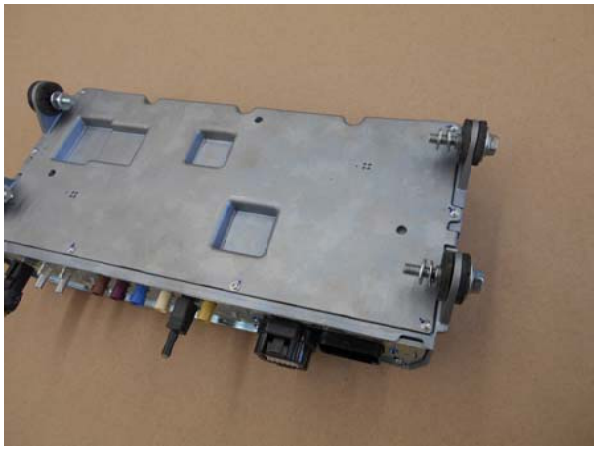
72B



78

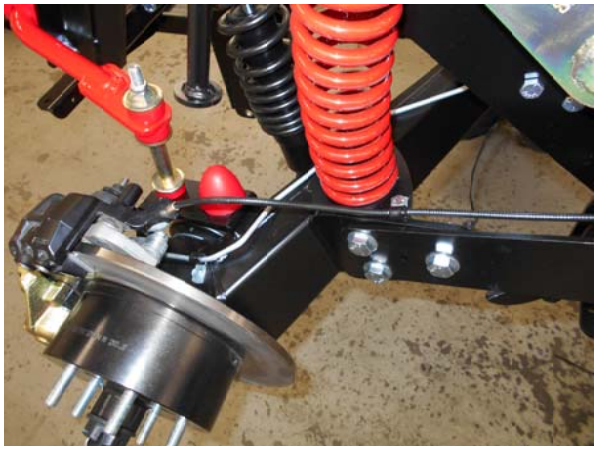
75 heat shield mtg brackets

74 B



79

76



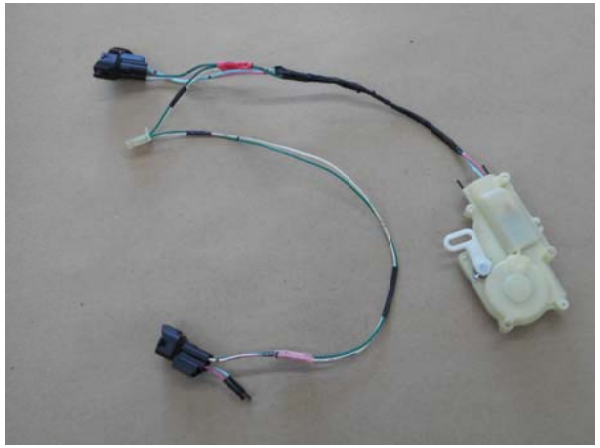
74 C

80

77

74 D

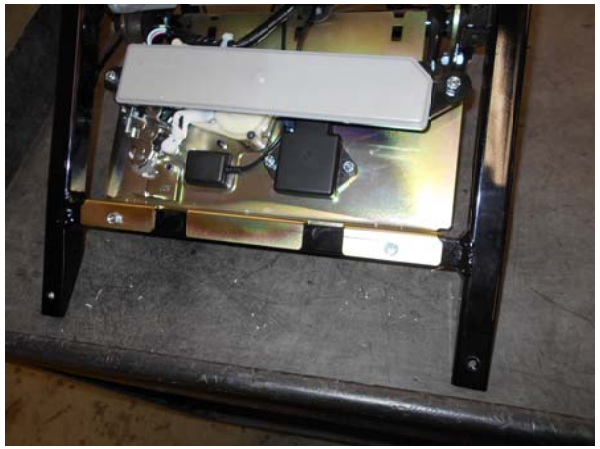
88 push pins and screws (1)



85

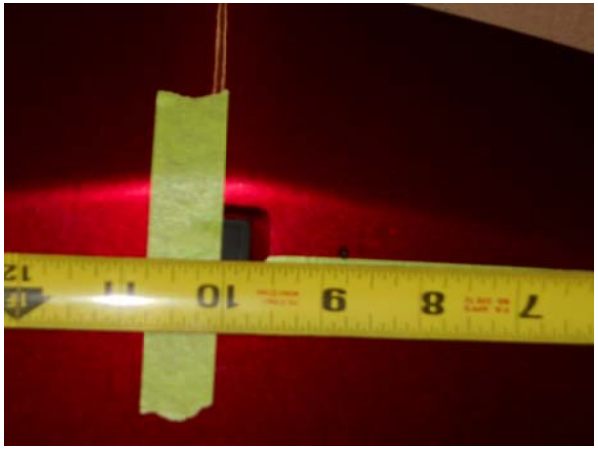
81

89 retainer screws



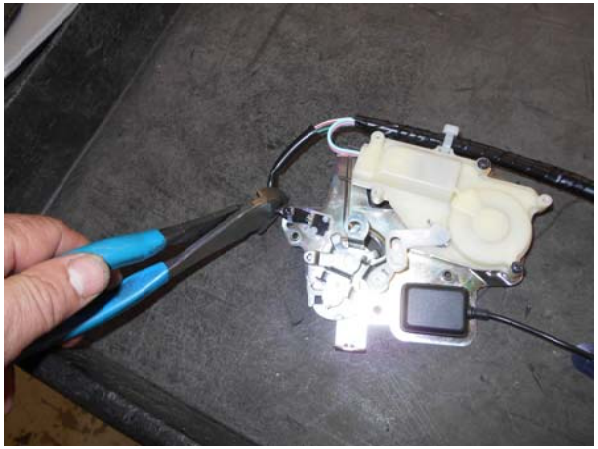
86 self drilling screws

83



90 measure for switch

87 tour pack cable stay



84 cut wires off rear trip switch

97

94 tour pack rack

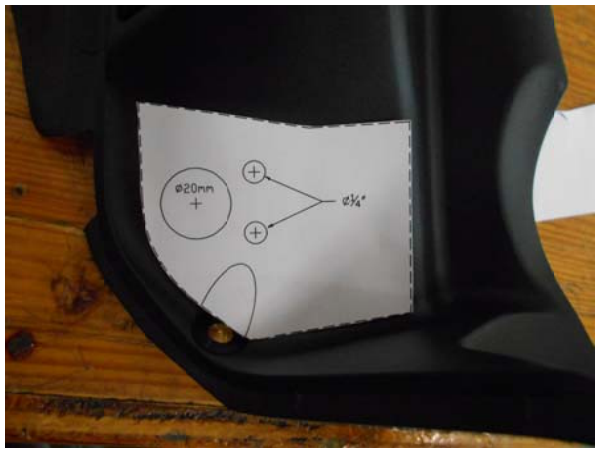
91 drill hole

98 fuel line

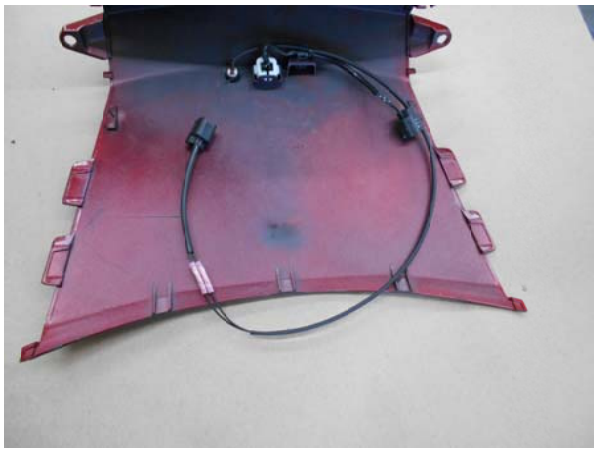
95 move plugs

92 remove tabs

99 breather hose



96



93 switch installed

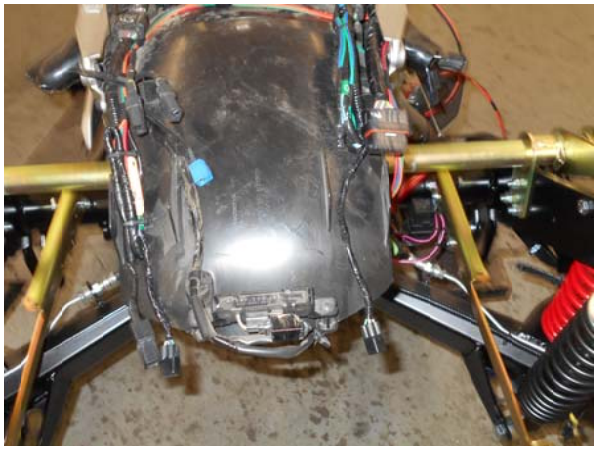
106

103 tour pack brackets installed

100

107

104



101

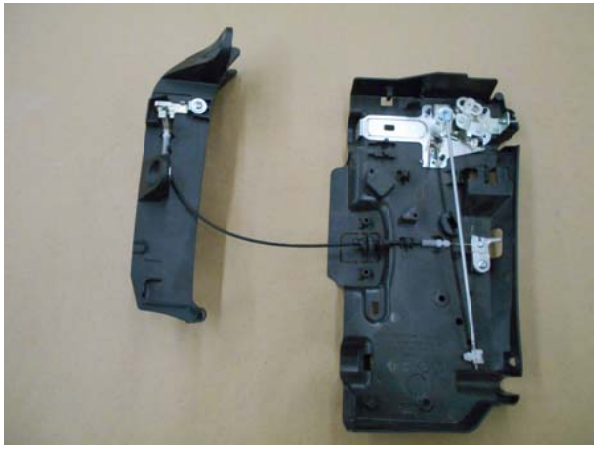
108

105

102 tour pack relocation brkts

115

112



109 dis-able helmet lock

116

113

110 dis-able helmet lock (2)

117

114

111 dis-able helmet lock

118

119

120

121

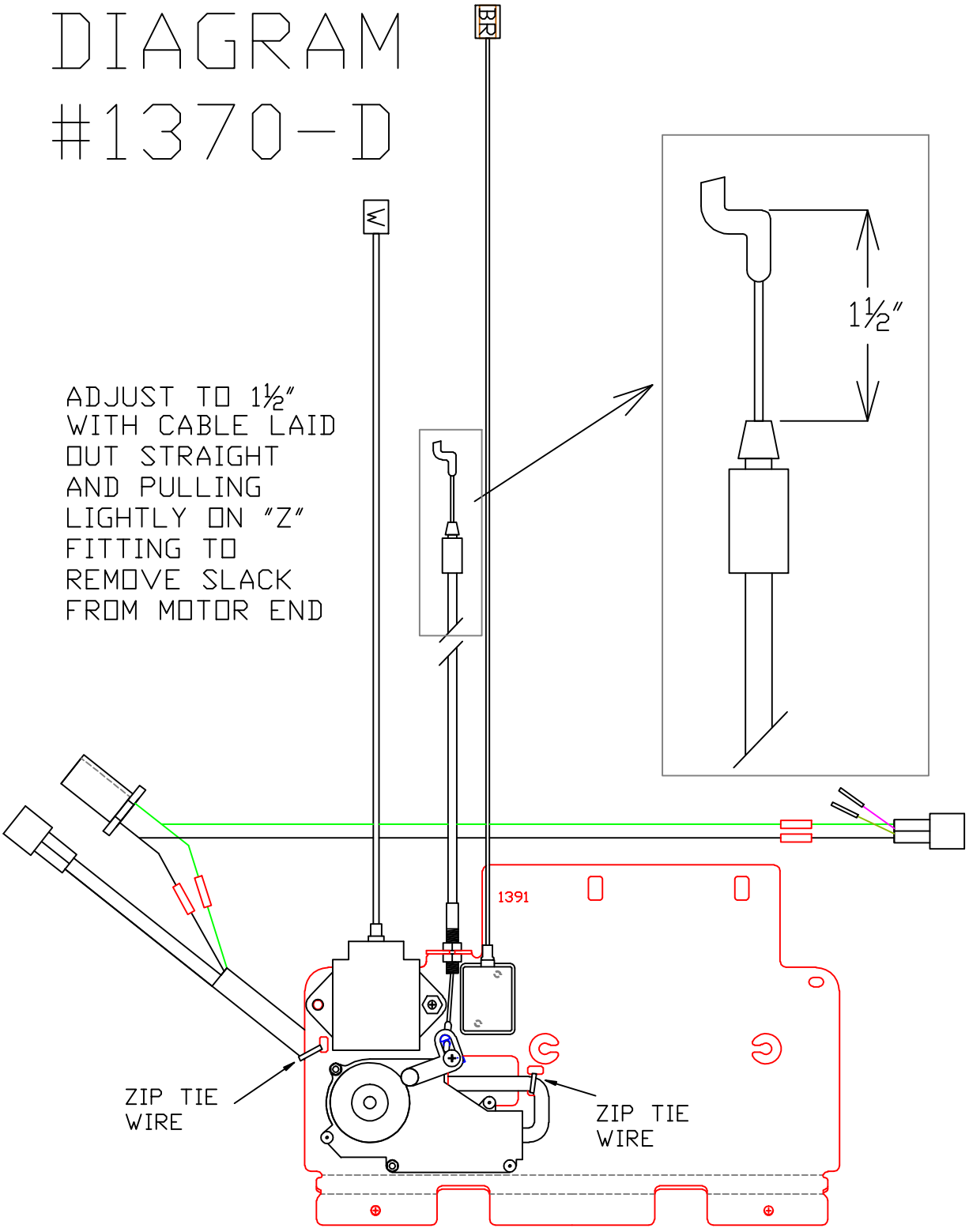
122

123

124

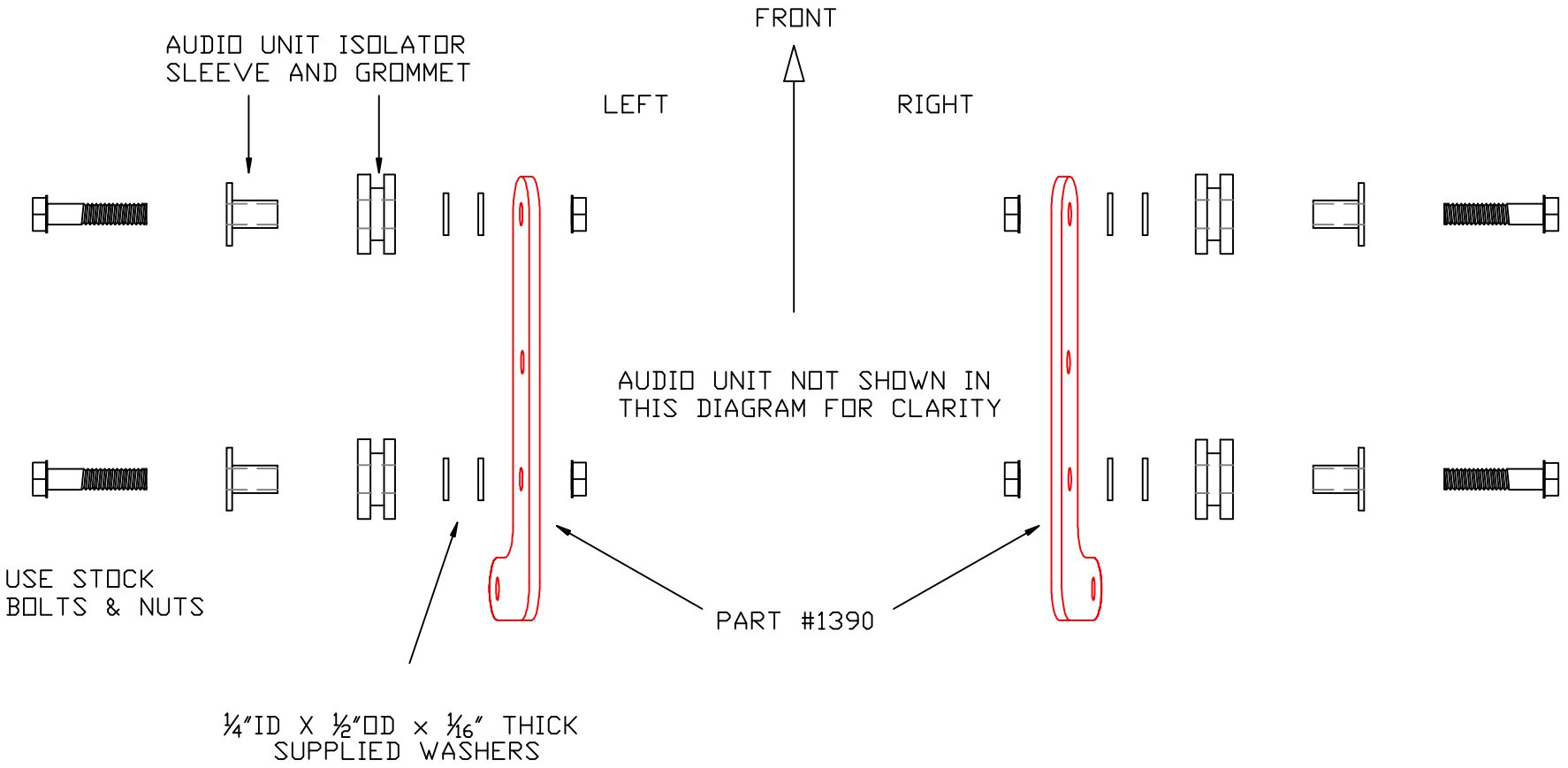
125

DIAGRAM #1370-D

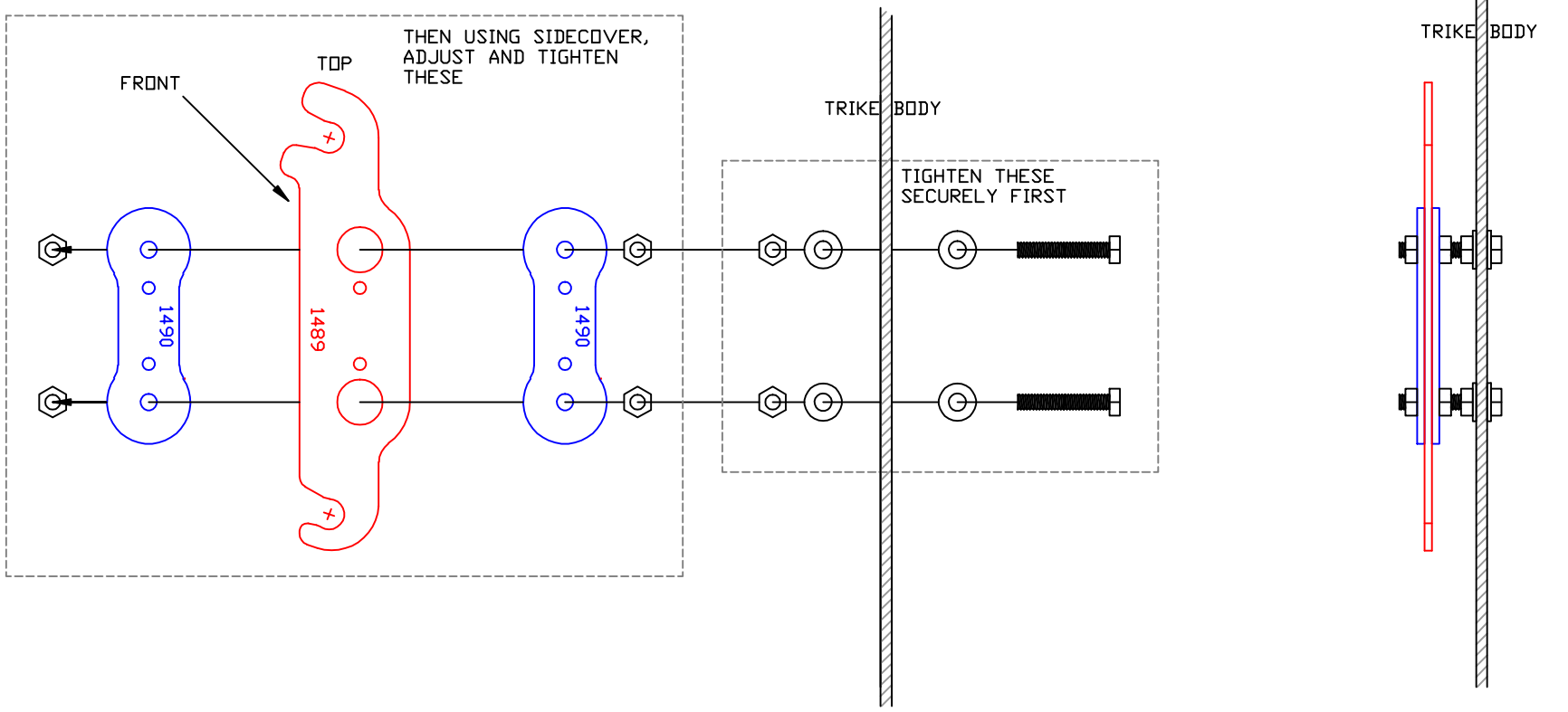


#1390-D

AUDIO UNIT RELOCATION BRACKET & HARDWARE POSITIONING DIAGRAM #1390-D

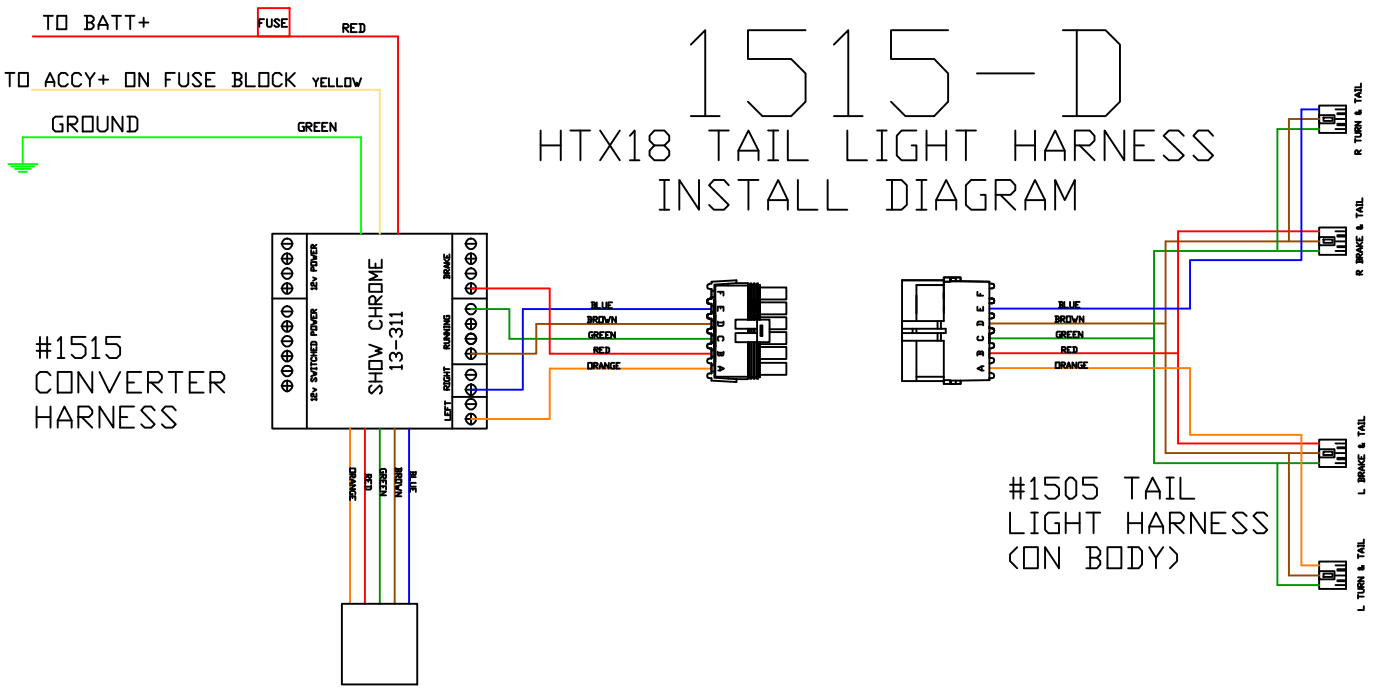


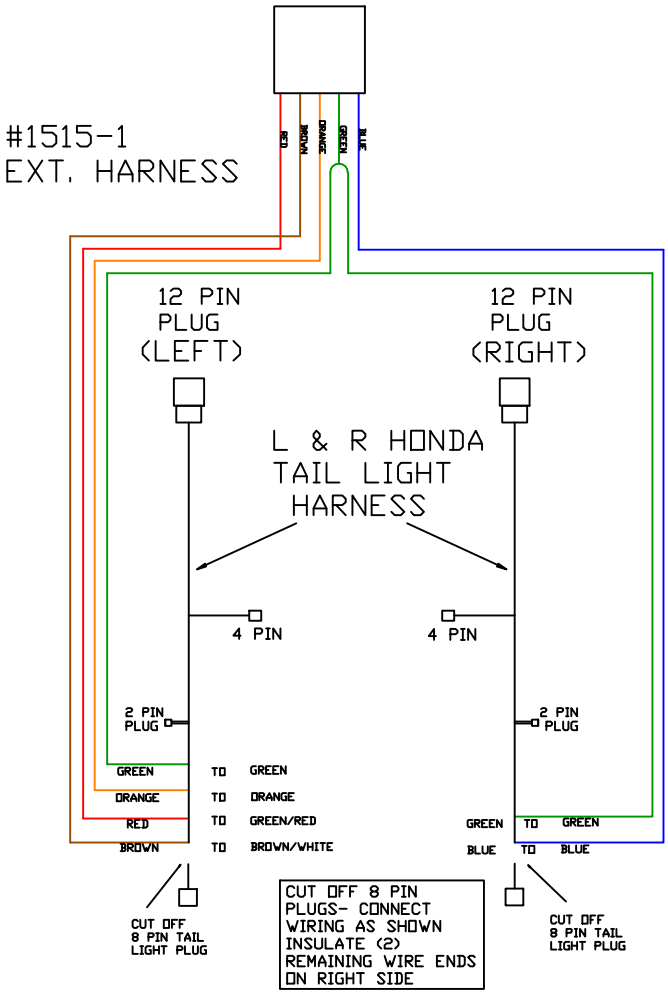
1489-D


THEN USING SIDECOVER, ADJUST AND TIGHTEN THESE
TOP
FRONT
1490
1489
1490
TRIKE BODY
TIGHTEN THESE SECURELY FIRST

LEFT SIDE - VIEWED FROM FRONT
TRIKE BODY

1515-D
HTX18 TAIL LIGHT HARNESS INSTALL DIAGRAM





1521-T

HTX18 AUX FUEL SWTCH/LIGHTS DRILL TEMPLATE

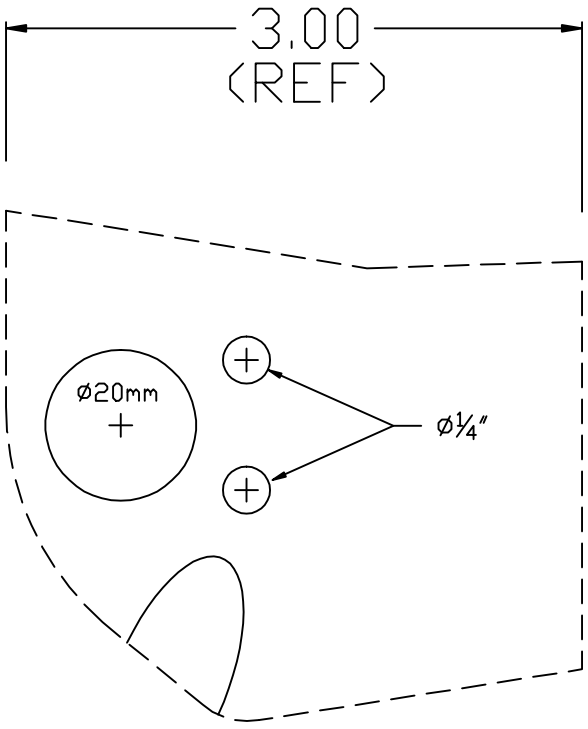
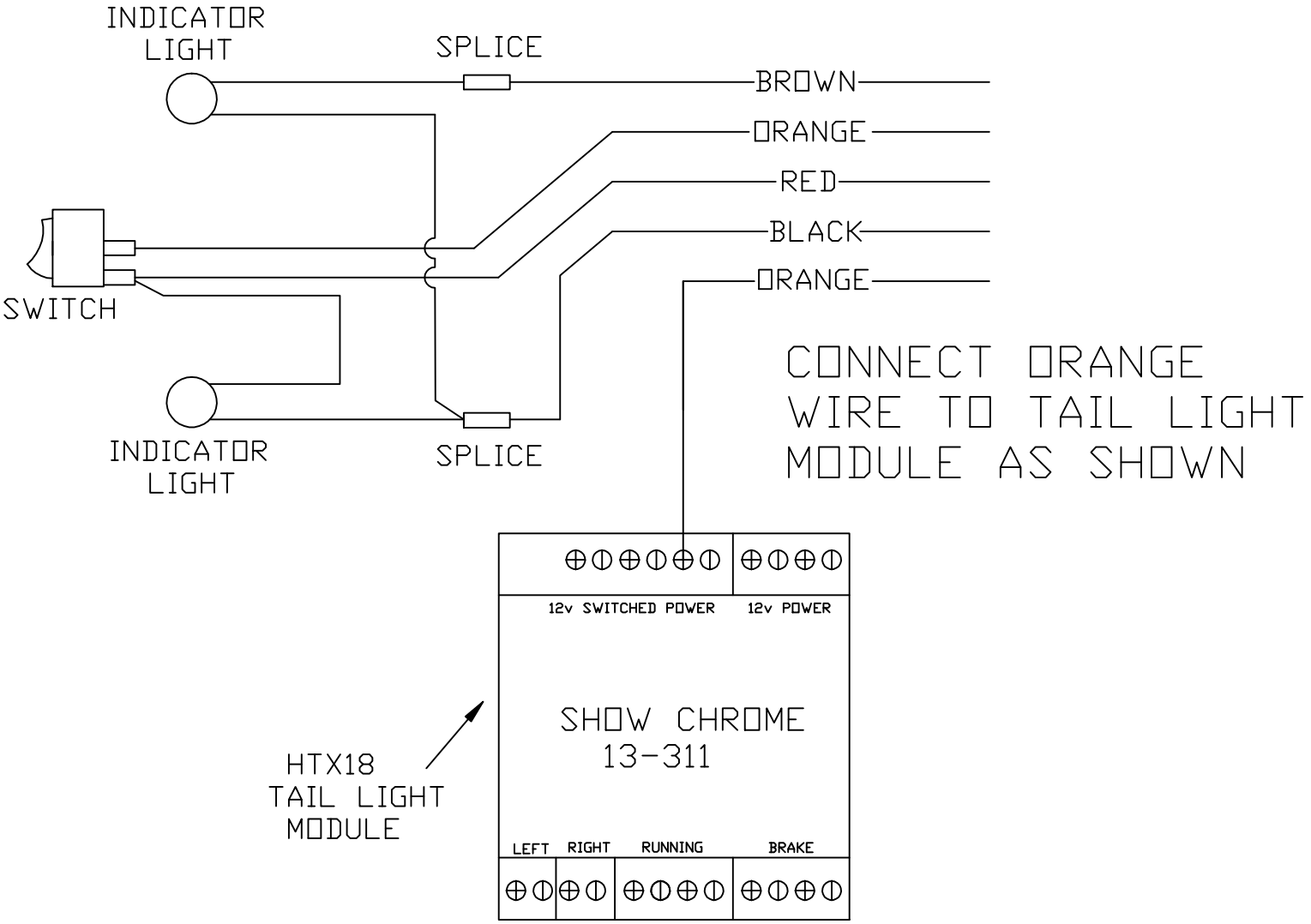
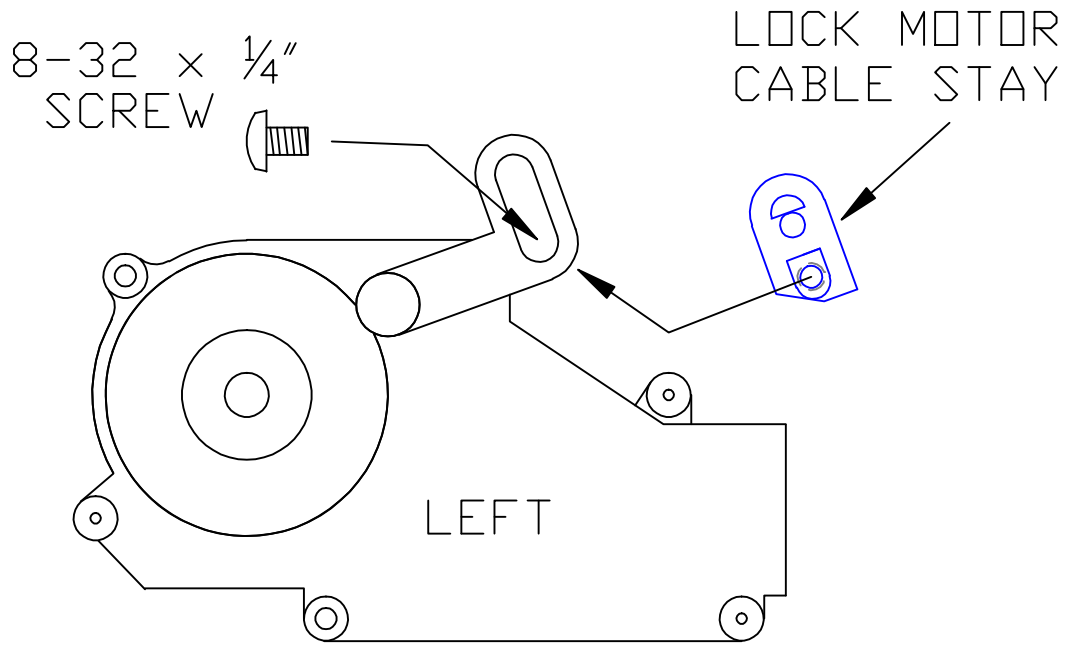


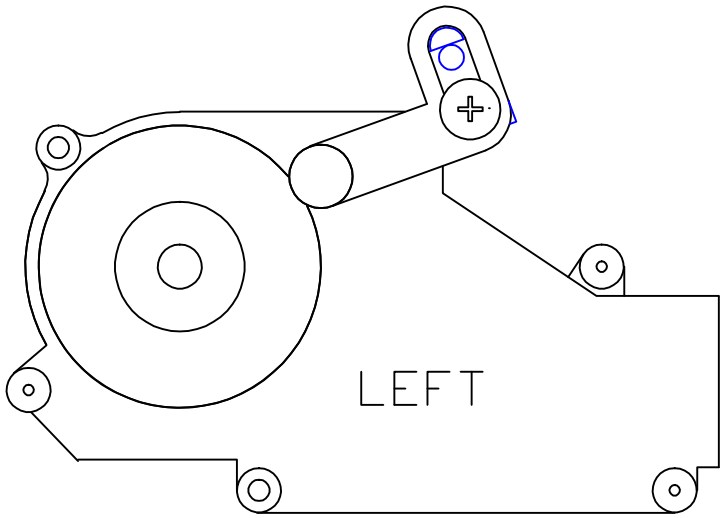
DIAGRAM #1523-D

HTX18 AUX. FUEL TRANSFER PUMP WIRING DIAGRAM



1525-D

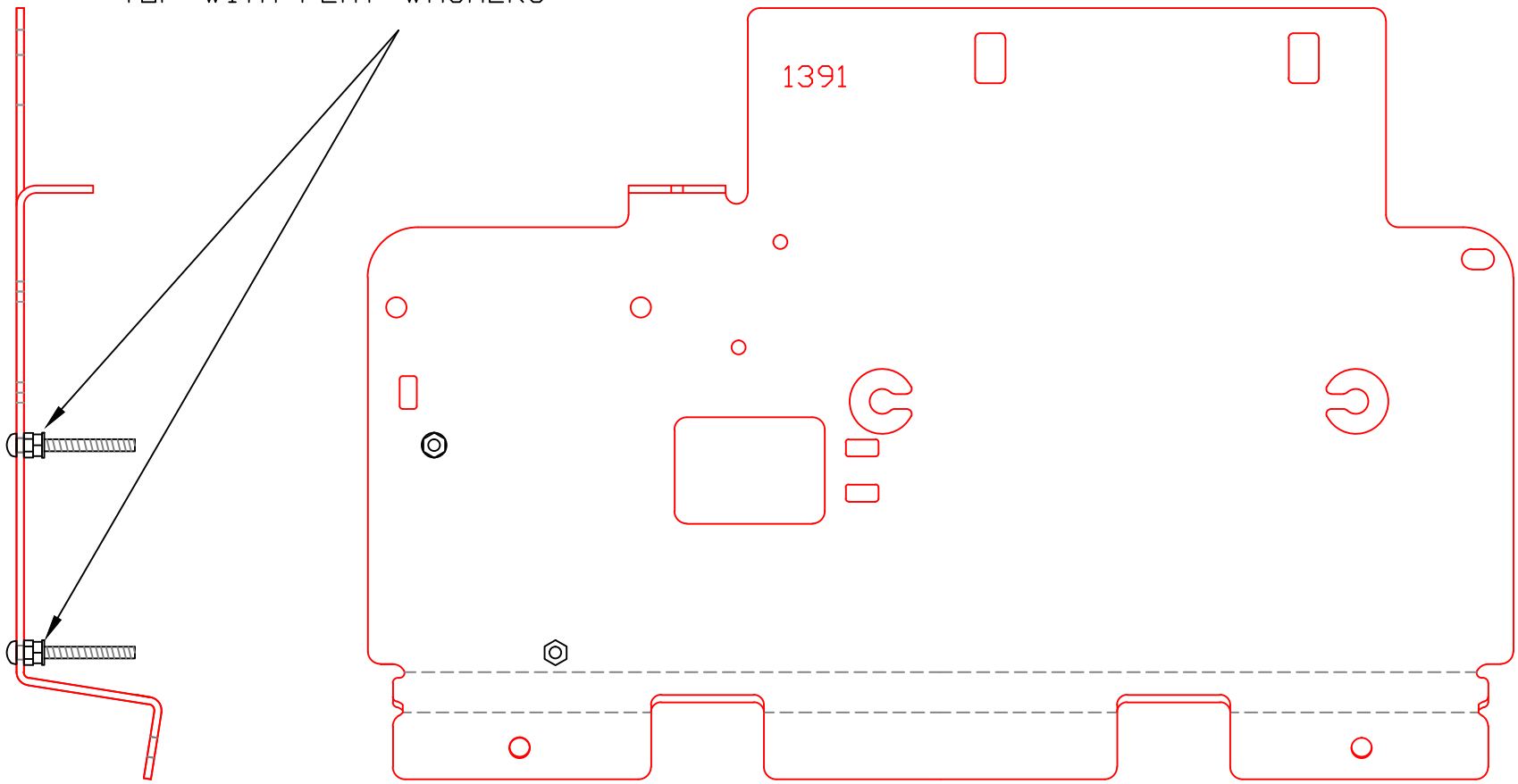




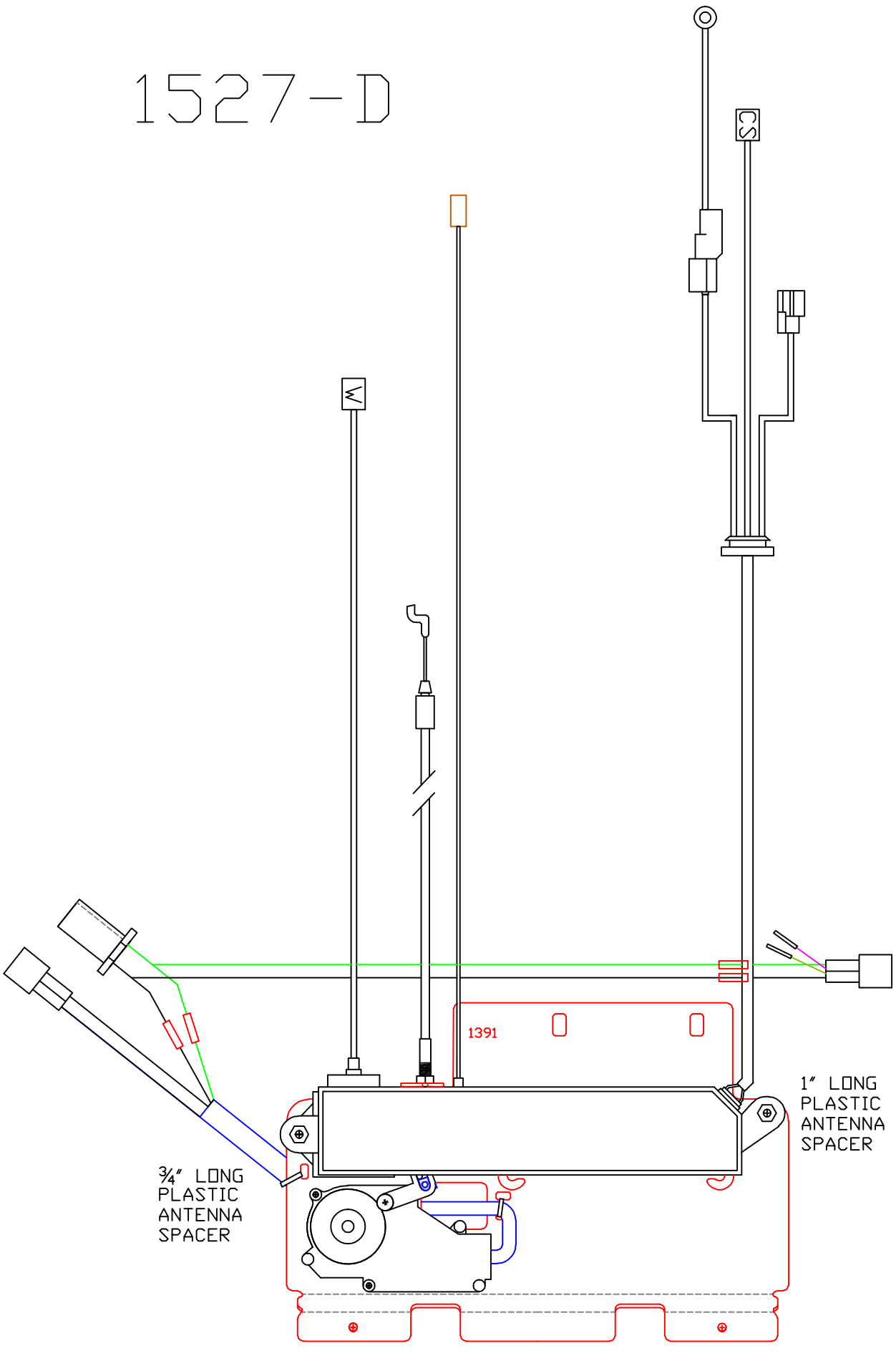
1526-D (REV A)

INSTALL MOTOR WITH CABLE ONTO SCREWS- USE REMAINING 2 FLAT WASHERS & NYLOCK NUTS TO FASTEN MOTOR TO PLATE PUSH WIRING DOWN THRU RECTANGULAR HOLE WHEN INSTALLING LOCK MOTOR

INSTALL MOTOR SCREWS & NUTS
3mm X 30mm SCREW
USE TWO 3mm STD NUTS ON EACH SCREW
TOP WITH FLAT WASHERS



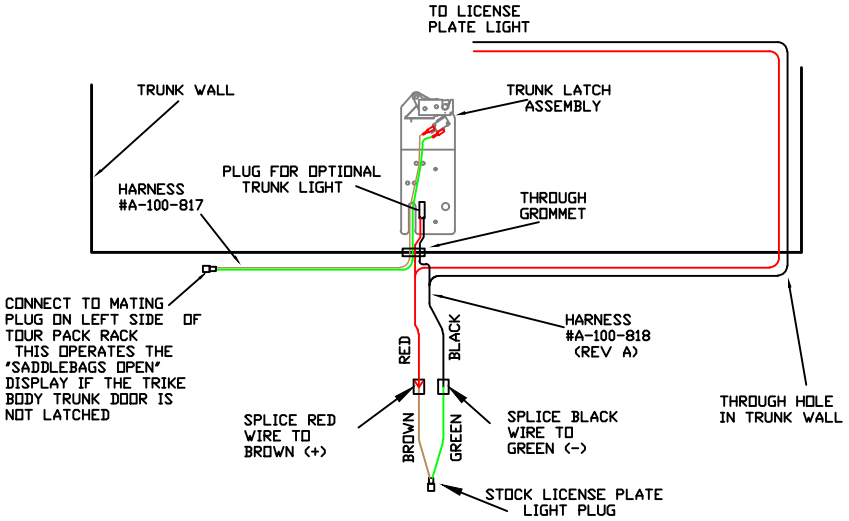
1527-D


1391
¾″ LONG
PLASTIC
ANTENNA
SPACER
1″ LONG
PLASTIC
ANTENNA
SPACER

A-100-818X-D

(REV B)

HTX18 TRUNK & LIC. PLATE LIGHT CONNECTION DIAGRAM (WITHOUT OPTIONAL TRUNK LIGHT)



HTX18 TRUNK & LIC. PLATE LIGHT CONNECTION DIAGRAM (WITH OPTIONAL TRUNK LIGHT)

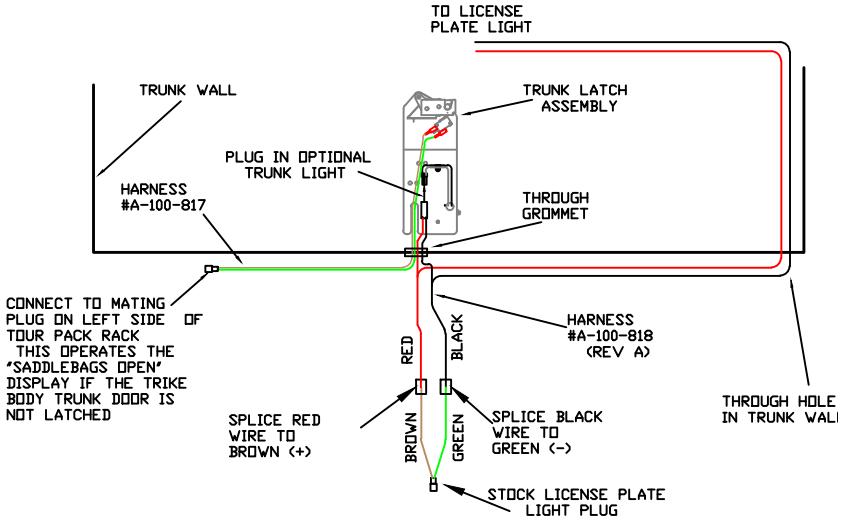


DIAGRAM 1522-D
HTX18 WIRING GUIDE

(REV A)