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PARACHUTE INSTALLATION MANUAL For the BRS-1050 canister onto the Apollo Delta Jet Trike Series Aircraft

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Abstract

This manual describes the specific steps necessary to install the BRS-1050 canister to the Apollo Delta Jet Trike model aircraft produced by Apollo North America Inc. It also describes the steps necessary to correctly route and attach the safety harnesses and activation cables assembly. These instructions were created in cooperation with Apollo North America Inc., the manufacturer and US distributor for this aircraft.

This manual must be used in conjunction with the "BRS Owner's Manual" and "BRS General Installation Guide" provided with this unit.

This manual complies with applicable sections of ASTM F 2316, "Standard Specification for Airframe Emergency Parachutes for Light Sport Aircraft."

Proprietary Notice

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Revision Page

Rev	Date	Approve	Description
Α			Initial Release



APOLLO DELTA JET TRIKE

BRS PARACHUTE INSTALLATION CHECKLIST

APOLLO, DELTA JET TRIKE

This checklist must be completed and signed by installing mechanic or certified aircraft assembly technician. Detach and return signed copy to BRS Inc. along with required installation photos for registration and quality control purposes.

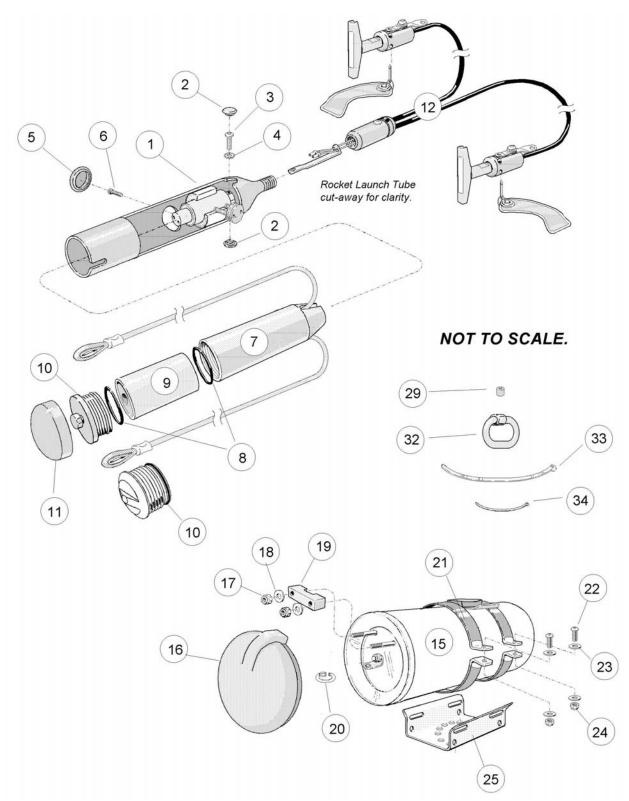
Note: If parachute assembly and rocket are installed in separate locations, the first installers should sign and make copy for themselves. Send the uncompleted Installation Checklist along to the final installers, who will make the final signatures, make a copy and send to BRS.

Parachute install completed by:______ Date:_____

BRS Unit Serial Number:_______
Aircraft N # :______

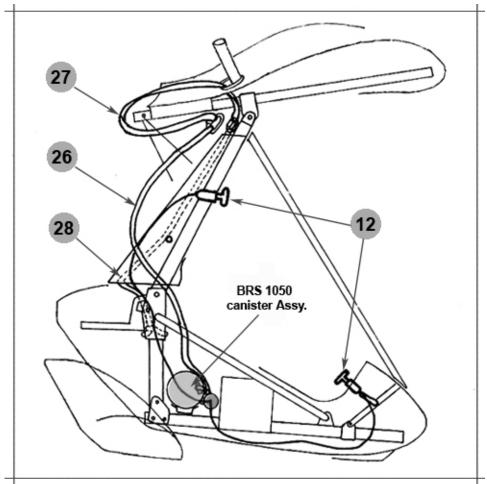
Rock	et install completed by: Date:
	Photos taken of entire installation process, to include placard placement.
	Links and Harnesses installed as per Installation Manual.
	Rocket assembled as per BRS Doc # 6539 (Instructions shipped with rocket fuel box).
	Rocket installed into Launch Tube (Item 1) as per BRS Doc # 6539.
	Rocket Lanyards attached to small Link (Item 20), gate closed secured with blue 242 Loctite.
	Rocket Lanyards coiled in fashion which promotes, "first in, last out", to avoid fouling of Lanyards.
	Rocket Lanyards secured with small 4" tie-wraps (Item 34)
	Parachute canister installation secure.
	Main Kevlar Bridle (Item 26) secured to Bridle Clamp (Item 19).
	Dual Activation Handle assembly installed as per Installation Manual.
	Both Activation Handles checked for freedom of movement.
	Ensure Safety Pin and Flags installed. Handle assembly connected to Rocket as per BRS Drwg. 615 -A,B.
	Handle assembly mounted securely and routed with no tight bend radius' along routing path.
	Inspect final Activation Handle assembly for freedom of constricting areas during aircraft set-up/take-down.
	Placards applied to aircraft as per Installation Manual.
	BRS Owners Manual (BRS # 020000) and Installation Guide (#020001) delivered with aircraft.

WARNING! Inspect the Activation Housing routing carefully to ensure hang-ups on aircraft parts will not occur during set-up and take-down operations! Unintended rocket activation may be caused by excessive stress on Activation Housing, possibly resulting in death or severe injury!



Parts diagram of the BRS-1050 canister assembly for the Apollo Delta Jet Trike.

This diagram illustrates the entire parachute assembly after installation onto a Delta Jet Trike.



BRS 1050 INSTALLATION DIAGRAM

PART LIST - APOLLO DELTA JET TRIKE, BRS 1050 LSA CANISTER

ITEM	QTY.	PART NO.	DESCRIPTION
1	1	008411-01	IGNITER / TUBE ASSEMBLY
2	3	005033-01	PLUG, CAP, SMALL
3	1	004035-01	SCREW, 10-24 x 5/8"
4	1	004055-01	WASHER, EXT. TOOTH, #10 STAINLESS STEEL
5	1	005040-01	PLUG, CAP, 1"
6	1	004081-01	SCREW, NYLON 8-32 x 1/2"
7	1	002151-01	CASE, MOTOR, T2-400
8	2	002569-01	O-RING, SPACERS
9	1	008451-01	CARTRIDGE, T2-400
10	1	002550-01	BULKHEAD, FORWARD
11	1	003216-01	CAP, ROCKET
12	1	008044-01	72" / 72" DUAL HANDLE ASSEMBLY
13			INTENTIONALLY LEFT BLANK
14			INTENTIONALLY LEFT BLANK
15	1	008493-01	STOCK, NO ROCKET, 1050 CAN, MED. MT.
16	1	003213-01	CAP, OUTER, 7"
17	2	004134-01	NUT, 5/16"
18	2	004133-01	WASHER, 5/16"
19	1	003205-01	CLAMP, BRIDLE
20	1	005062-01	LINK, QUICK 1/8"
21	2	008125-01	BAND, 7"
22	2	004042-01	SCREW, 1/4-20 x 3/4"
23	8	004010-01	WASHER, FLAT ¼"
24	4	004001-01	NUT, NYLOCK ¼-20
25	1	003200-01	MOUNT, MODULAR, MEDIUM
26	1	007295-17	120" BRIDLE, KEVLAR C142/120C (w/ Velcro)
27*	1	007195-11	84" WING HARNESS, KEVLAR C106/84C
28	1	007395-09	84" SAFETY HARNESS, KEVLAR B109/84C (long loop)
29	6	005063-01	LINK, STANDOFF (rubber)
30	1	004004-01	SCREW, 1/4-20 x 1" (Front handle)
31	1	004041-01	SCREW, 1/4-20 x 5/8" (Front handle)
32	2	005061-01	LINK, QUICK ½" STAINLESS STEEL
33	A/R	004000-01	CABLE-TIE, PLASTIC, 10¾"
34	A/R	004025-01	CABLE-TIE, PLASTIC, 4"

 27^{*} Wing harness can be supplied in different lengths for different wing configurations, the installation procedure will not be affected.

1. INSTALLING THE LINKS

- Review all the parts you received with your BRS parachute.
- Begin installation by attaching two large STAINLESS STEEL LINKS (Item 32) to upper section of Vertical Trike Mast, shown in Figure 1.2
- Use 4 CABLE-TIES (Item 33 in Figure 1.1 below) and attach 2 STAND-OFFS (Item 29) on each Link as shown in Figure 1.1.

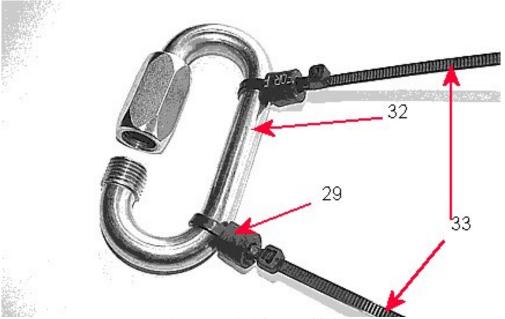
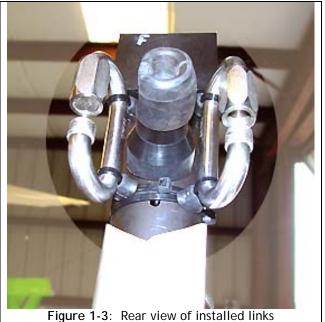


Figure 1-1: Stainless steel link

- 1.4 Install both Links on the top of the Trike Vertical Mast (the round tube), above the streamlined Fairing and below the Trike Hang Block on the back side of the Trike. (See Figures 1-2 and 1-3)
- 1.5 Around the long side of the cable-tie over the tube, connect it to the cable-tie lock and tie firmly on
- 1.6 Cut off the rest piece of the cable-tie using side-cut pliers.



Figure 1-2: Left-side view of installed links



2. INSTALLING THE 84-INCH SAFETY HARNESS (Item 28)

2.1 Lower the Vertical Mast of the Trike, pictured in Figure 2-1.

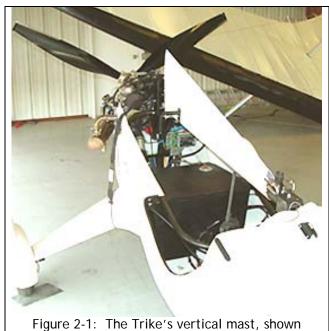
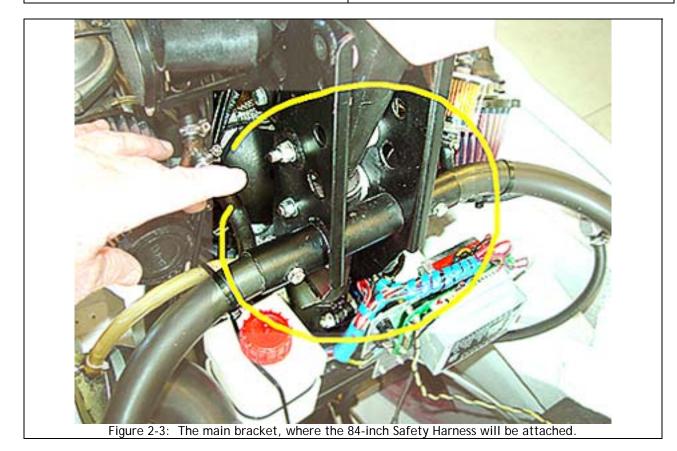


Figure 2-1: The Trike's vertical mast, shown lowered.



Figure 2-2: The 84-inch Safety Harness



2.2 Wrap one end of the harness around the Vertical Mast tube, underneath the seat frame, as pictured in Figure 2-4 and diagrammed in Figure 2-5.

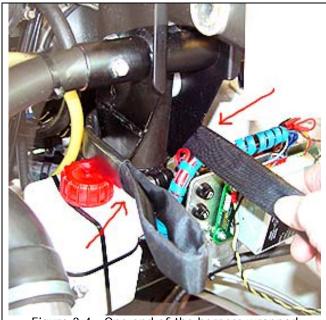


Figure 2-4: One end of the harness wrapped around the vertical mast tube.

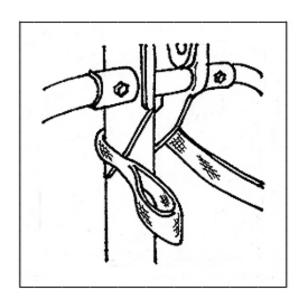


Figure 2-5: A diagram showing the correct path of the harness around the vertical mast tube.

2.3 Pass the free end of the 84" Safety Harness through the opposite loop, as pictured in Figure 2-6 and diagrammed in Figure 2-7.

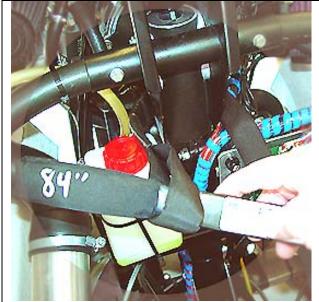


Figure 2-6: The free end of the harness pictured after passing through the open loop.

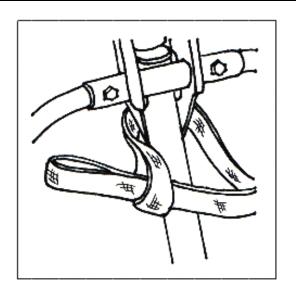


Figure 2-7: A diagram of the free end of the harness passing through the long loop.

2.4 Pull the Harness all the way through, until it is snug against the vertical mast, as illustrated in Figures 2-8 and 2-9.

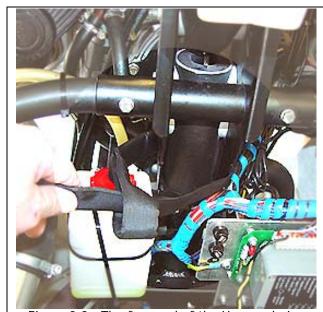


Figure 2-8: The free end of the Harness being pulled through the loop.

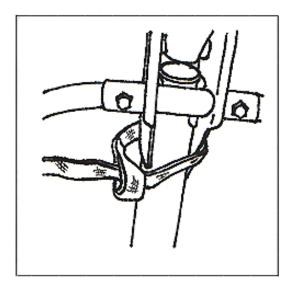


Figure 2-9: A diagram of the free end of the Harness being pulled through the loop.

WARNING: When passing the 84" Safety Harness around the vertical mast tube, ensure that no other components lie directly under the Safety Harness. The Harness must contact ONLY the metal structure of the trike's main bracket, as shown in Figures 2-10 and 2-11.

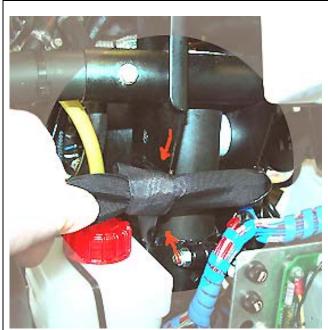


Figure 2-10: The free end being pulled snug.

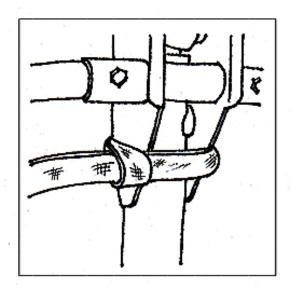


Figure 2-11: A diagram of the free end being pulled snug.

LOCKING

2.5 Rotate the harness loop around the trike's vertical mast, and position the Harness locking knot .

Figure 2-12: The main bracket, with a red circle around the Harness locking knot.

2.6 Keeping the Harness pulled snug, bring it up and around the trike's main bracket.

Figure 2-13

2.7 The main bracket has an "L"-shaped welded square on the top back side. You will use this bracket to attach the Kevlar Harness, using the cable-ties, as illustrated in Figures 2-14 and 2-15.

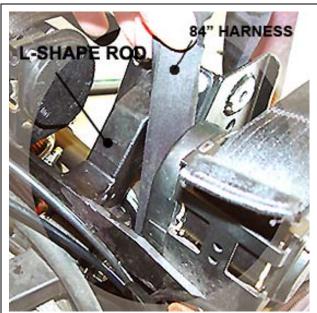


Figure 2-14: The L-shaped, welded, square rod, and the 84" Safety Harness.

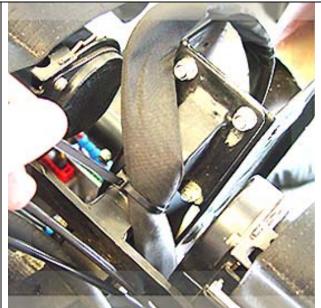


Figure 2-15: The L-shaped, welded, square rod, and the 84" Safety Harness following the cabletie.

2.8 Apply the second cable-tie. This is the 84" Safety Harness

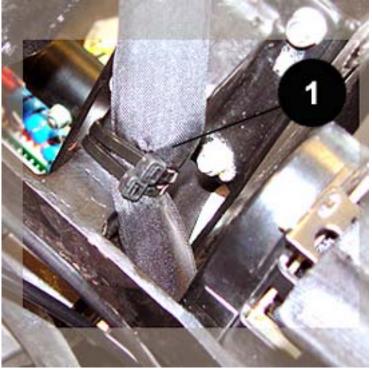


Figure 2-16

2.9 Secure the Harness locking knot by using 2 cable-ties (as shown on Figure 2-17), so that Harness cannot become loose and/or twisted around the main bracket.



Figure 2-17: Two cable-ties securing the 84" Safety Harness locking knot.

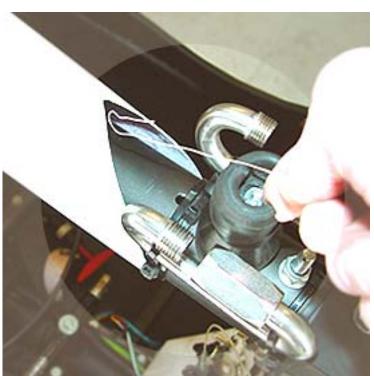


Figure 2-18

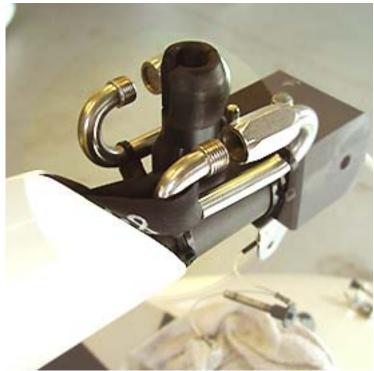
2.10 Using some rope or safety wire, pass it through the opening in the fairing (Figure 2-18).

2.11 Connect the free end of the Harness to the safety wire, as shown in Figure 2-19.

Figure 2-19

2.12 Bring this end of the harness all the way through the fairing, up to the Links, as shown in Figure 2-20.

Figure 2-20



2.13 Connect the 84" Harness loop to the Link on the right hand side, as shown in Figure 2-21.

Figure 2-21

2.14 Pull the 84" Harness back through the fairing so that it is straight and slightly tight, as shown in Figure 2-22.

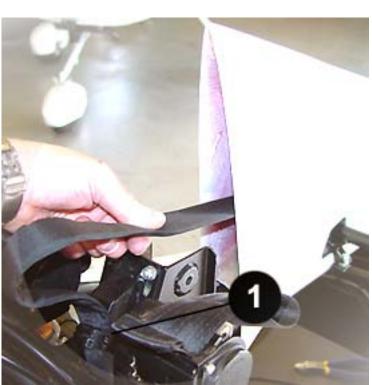
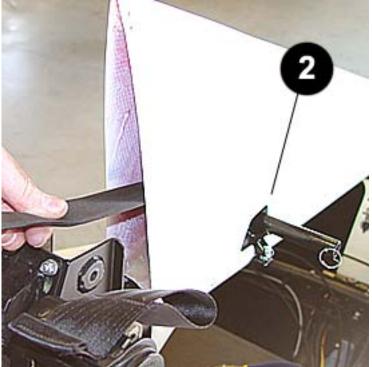


Figure 2-22



2.15 Attach the 84" Safety Harness to the seat belt tube-bracket, inside the fairing. The attachment point of the Safety Harness is illustrated in Figure 2-23 as 2.

Figure 2-23

2.16 While keeping the 84" Safety Harness taut, attach it to the seat belt bracket tube using two Cable-ties (item 33) from outside of the fairing, and firmly tie it in place, as shown in Figure 2-24.



Figure 2-24

2.17 Add one more Cable-tie, then cut off the remaining long pieces, and hide the attached harness by sliding it inside the fairing, shown in Figure 2-25.

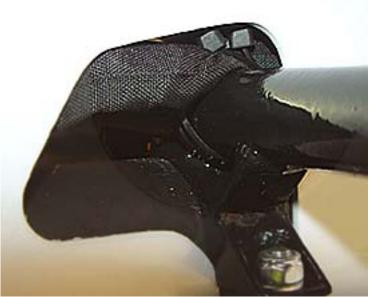
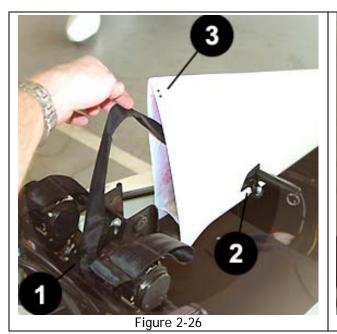


Figure 2-25

2.18 Attach the harness to the back side of the Fairing through two existing 1/8" diameter holes. This is attachment point **3**, shown in Figures 2-26 and 2-27.





2.19 The diagram in Figure 2-28 shows the 84" Safety Harness installed on the Apollo Delta Jet Trike.

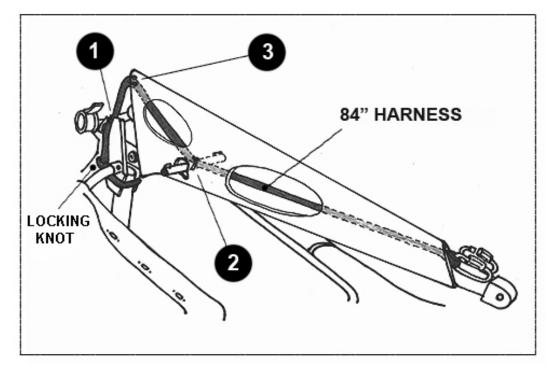
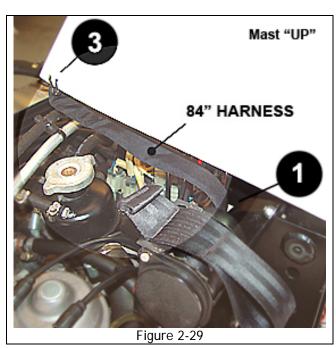


Figure 2-28

NOTES: It is very important that the safety harness is always under *MINIMUM* tension all the way between the harness locking knot, points **①**, **②**, **③**, and the Link (item 32).

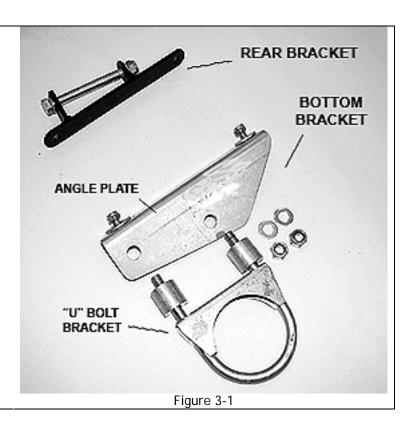
The tension on the Harness, when properly installed, must also remain between points **①** and **③** while operating with the trike vertical mast, bringing it up or lowering it down.

2.20 Figure 2-29 shows the 84" Safety Harness and its tension between points **1** and **3** the vertical mast positioned "UP".



3. BRS 1050 Canister Modular Mount Installation

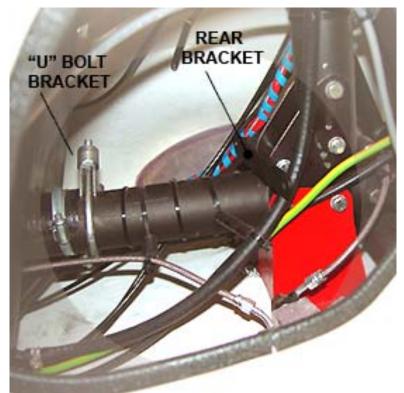
The Apollo Delta Jet Trike is equipped with two brackets for the purpose of mounting the BRS canister system, a BOTTOM BRACKET and a REAR BRACKET, shown in Figure 3-1.



3.1 Disconnect the Modular Mount (item 25) from the Canister, and install the Angle Plate of the Bottom Bracket on BRS Modular Mount, as shown. Then place one of the stainless steel bands through the holes of the Modular Mount, as shown on Figure 3-2.



Figure 3-2



3.2 Mount the U-BOLT BRACKET on trike's bottom base tube, between the trike's fuel tank and vertical mast tube (Figure 3-3).

Figure 3-3

3.3 Mount the Rear Bracket on the existing Trike Bracket, which connects the bottom base tube and vertical mast tube (Figure 3-4).

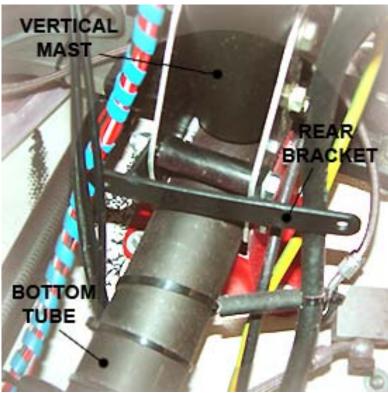


Figure 3-4

VERTICAL
MAST

GAS
TANK

3.4 Install the Modular Mount assembly on the Bottom and Rear Brackets, as pictured in Figure 3-5.

Figure 3-5

3.5 Bend back one end of the second stainless steel band from the supplied 90 degree angle to approximately 30-45 degrees, as shown in Figure 3-6. This will allow the Band to pass under the Rocket Launch Tube, during reassembly.

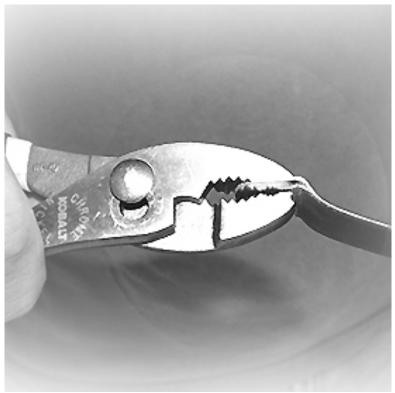


Figure 3-6

GAS TANK

3.6 Slide the Stainless Steel Band through the open holes of the BRS Modular Mount, as shown in Figure 3-7.

Figure 3-7

3.7 After passing the Band through both holes, stop immediately after the band has passed the second hole in the BRS Modular Mount, and leave it in the position shown in Figure 3-8.

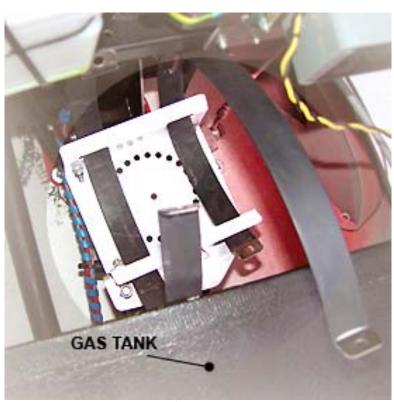


Figure 3-8

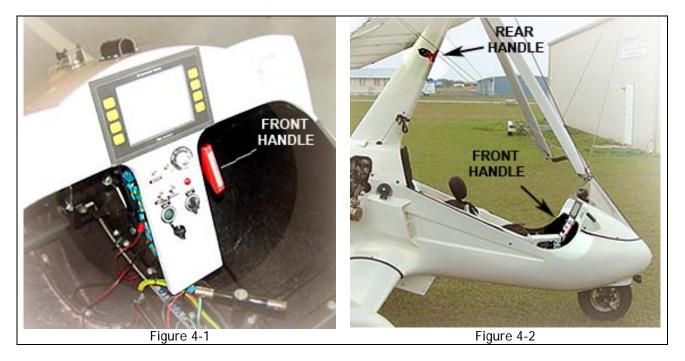
At this point, the assembly should be as shown in Figures 3-8 (above) and 3-9. It is now configured to accept the BRS 1050 Parachute Canister, however this will not occur until Section 5.



The next step will be to install the Dual Activation Handle, detailed in Section 4.

4. INSTALLING THE DUAL ACTIVATION HANDLES

The Apollo Delta Jet Trike will use the Dual Activation Handle system. Each activation housing is 72 inches in length. The front Activation Handle will be located on the right hand side and under the instrument panel, as shown in Figure 4-1. The rear Handle will be located on the right-hand side of the vertical mast, above and behind the head of pilot, as shown on Figure 4-2.



4.1 Disconnect the Handle Top, (Part Number 3243), from the Handle Post (Part number 003244-02) by unscrewing the Handle Top, and using a wrench to hold the Handle Post.

This will be used as the REAR HANDLE, as shown in Figure 4-3.



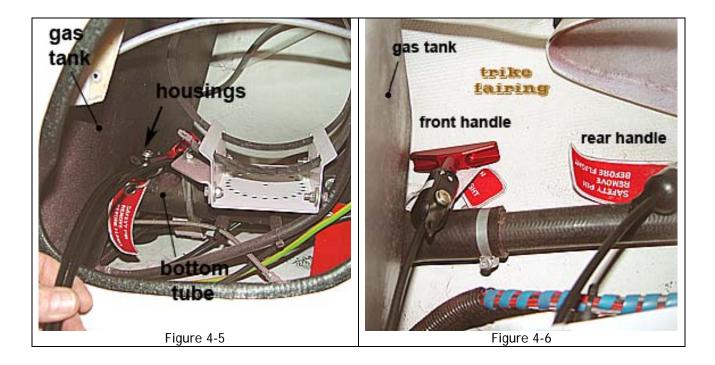
Figure 4-3

4.2 Pass both handles through the BRS Canister Hole, in the fairing on the left side of the trike, as shown in Figure 4-4.



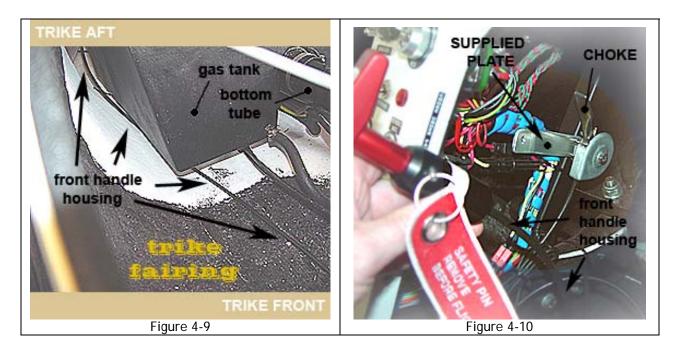
Figure 4-4

4.3 Continue passing both handles through the trike fairing (Figure 4-5), until they reach the wall of the fairing (Figure 4-6).



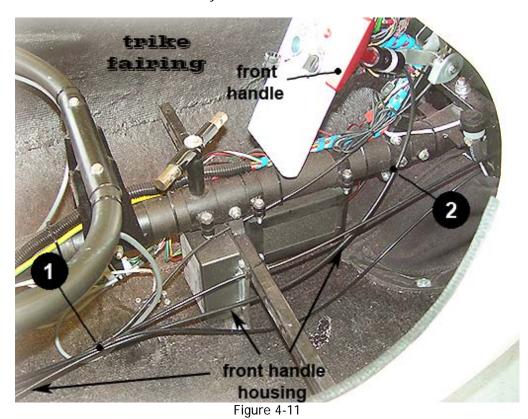
4.4 The next step is to separate the Handles. Bring the Front Handle underneath the trike's gas tank (Figures 4-7 and 4-8) all the way to the right hand side of the trike instrument panel. See Figures 4-8, 4-9, and 4-10 for the correct routing.





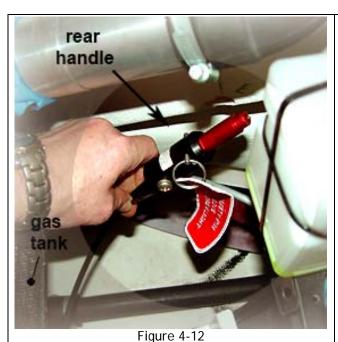
4.5 Mount the Front Handle onto the plate pictured in Figure 4-10, and bolt it using the 1" screw (Item 30), two washers (Item 23), and a lock nut (Item 17). The plate is already installed on the vertical square tube, using the same hole that engine choke lever is mounted, between the tube and the choke lever.

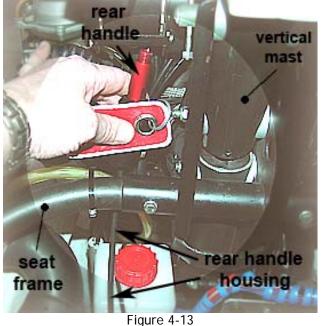
Figure 4-11 shows the correct Front Handle layout.



NOTE: After you have mounted the Front Activation Handle, the Handle Housing must lie on the bottom of the trike's fairing, with smooth curves - the Handle Housing must have wide, generous radius along its routing.

- 4.6 Route the Handle Housing along the other engine operation housings and attach it to them with a Cabletie (Item 33). This attachment is **1** in Figure 4-11.
- 4.7 Attach the Handle Housing to the Trike Main Bottom Tube using one standoff and one cable-tie. This attachment is ② in Figure 4-11.
- 4.8 Figure 4-12 shows both handle housings while you are passing the Front Handle to the front of the Trike. Route the Rear Handle in the opposite direction, towards the aft end of the Trike, up to the Main Bracket and Vertical Mast, as shown in Figure 4-13.





4.9 Continue passing the Rear Handle above the plastic expansion tank, and underneath the seat frame tube (Figures 4-14), up and towards the vertical mast fairing (Figure 4-14).

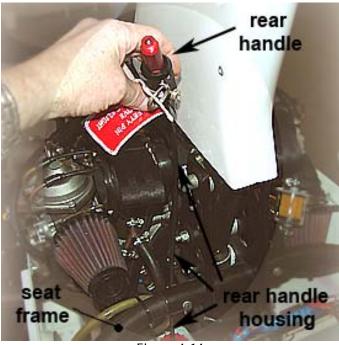
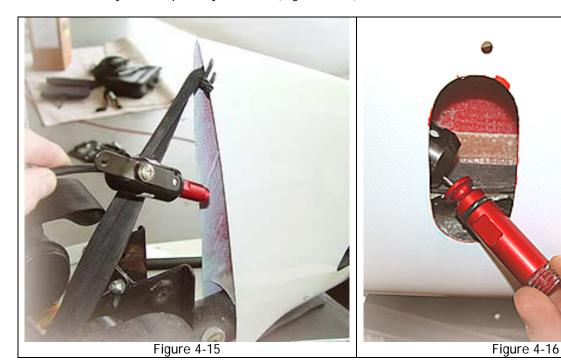


Figure 4-14

4.10 Bring the vertical mast down, and slide the Rear Handle through the vertical mast fairing (Figure 4-15), all the way to the specially-cut hole (Figures 4-16).



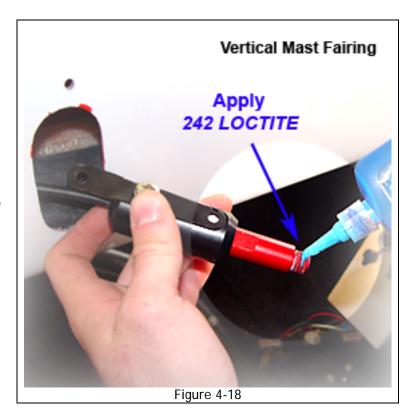
4.11 When the Handle reaches the hole in the fairing, to allow the Handle to make the corner, pull the red HANDLE POST out of the black Handle Holder while they are still inside the fairing. This is shown in Figure 4-16.

- 4.12 Pull both the red HANDLE POST and the black HANDLE HOLDER through the hole and outside the fairing, as shown in Figure 4-17.
- 4.13 Re-insert the Handle Post into the HANDLE HOLDER.



Figure 4-17

Vertical Mast Fairing



4.14 Apply 242 LOCTITE (blue) or equivalent adhesive onto the threads of the Handle Post.

4.15 Screw the Handle Top back onto the Handle Post. Use a wrench to firmly secure both parts.



Figure 4-19

Vertical Mast Fairing

4.16 Affix the black plastic edge trim to the outside of the hole in the vertical mast fairing, as pictured in Figure 4-20.

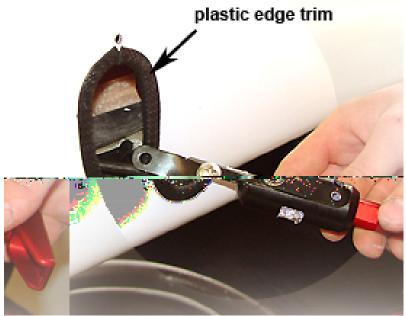


Figure 4-20

4.17 Install the Rear Activation Handle, using the 5/8" screw (Item 31), two washers (Item 23), and a lock nut (Item 24), as shown in Figure 4-21.

Insert a long shanked Allen wrench through the hole in the fairing on the opposite side of the attachment screw in order to tighten properly.

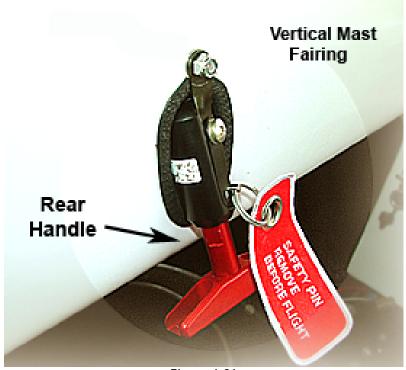


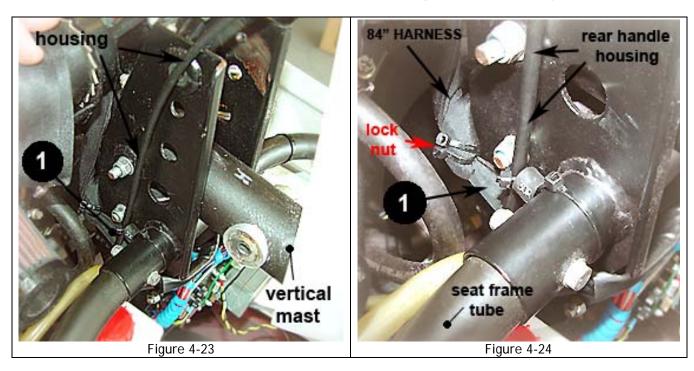
Figure 4-21



4.18 After installing the Rear Handle, plug this hole with the Plastic Plug (Item 2) .

Figure 4-22

4.19 Connect the REAR HANDLE HOUSING onto back side of the seat frame tube, using a Link Stand-off (Item 29) and Cable-tie (Item 33). This attachment is indicated in Figures 4-23 and 4-24 by point ①.



4.20 Connect the Rear Handle Housing to the vertical mast fairing, using Cable-ties through the existing holes in the fairing, shown as point **2** in Figures 4-25 and 4-26. The Handle Housing should have plenty of clearance, as shown in Figure 4-25.

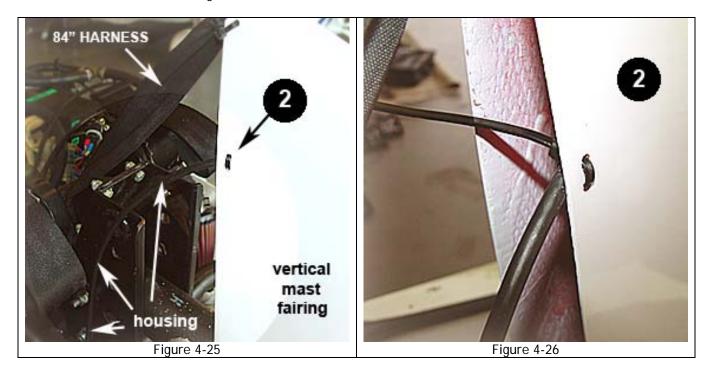
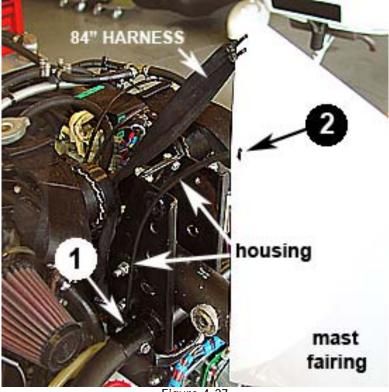


Figure 4-27 shows the correct shape of the Rear Handle Housing between points **1** and **2** when the vertical mast is in the DOWN position.



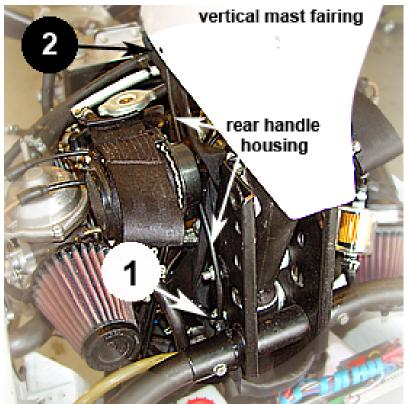


Figure 4-28 shows the correct shape of the Rear Handle Housing between points
and when the vertical mast is in the UP position.

Figure 4-28

NOTE: It is VERY IMPORTANT that the Rear Handle Housing cable curves gradually, with no abrupt or sharp bends in the cable.

NOTE: The Housing cables must have some flexibility - never tight - when lowering the Vertical Mast down, or raising the Vertical Mast up.

Figure 4-29 shows right (starboard) side of the Apollo Delta Jet Trike with the Rear and Front Activation Handles, with the trike's vertical mast positioned UP.

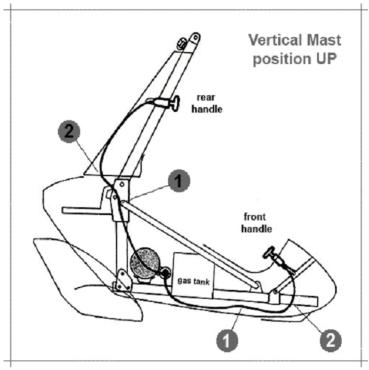


Figure 4-29

Figure 4-30 shows right (starboard) side of the Apollo Delta Jet Trike with the Rear and Front Activation Handles, with the trike's vertical mast positioned DOWN.

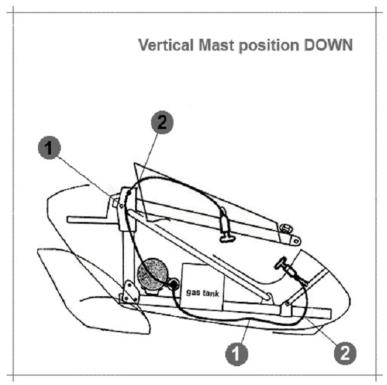
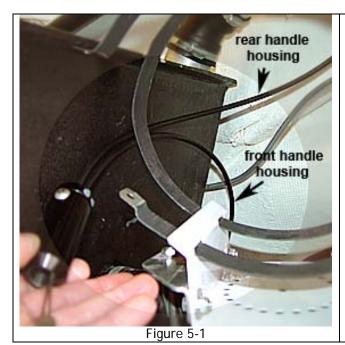


Figure 4-30

5. Installing the BRS 1050 Canister and 120" Velcro Bridle

- 5.1 Assemble the ROCKET following the directions in the BRS Rocket Assembly Manual.
- 5.2 Ensure that the Front and Rear Handles are safe-tied with Safety Flags and Pins.
- 5.3 Bring the Dual Handle Housing with Barrel outside the trike fairing, as shown in Figures 5-1 and 5-2.



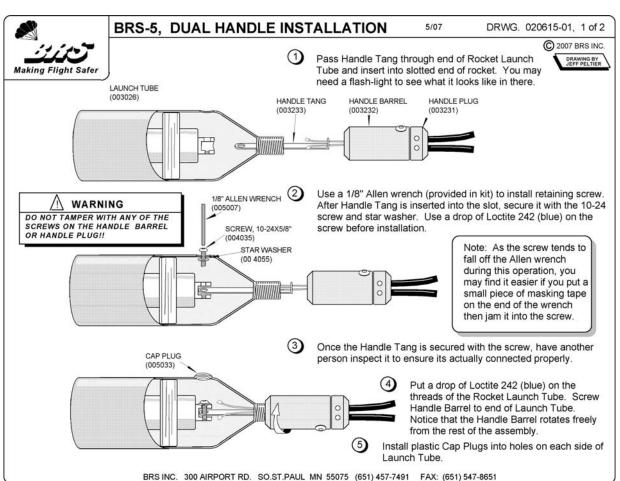


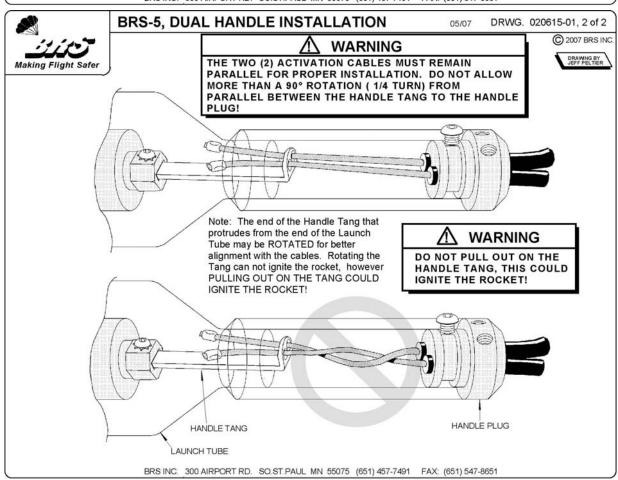
5.4 Connect the Dual Handle Housings and the Barrel to the Rocket first. See next page for details.

- 5.5 Connect the Rocket assembly with the Dual Handle to the 1050 Canister..
- 5.6 Attach one end of the 120" Velcro Bridle to the bridle clamp on the canister. This is in Figure 5-3.



Figure 5-3



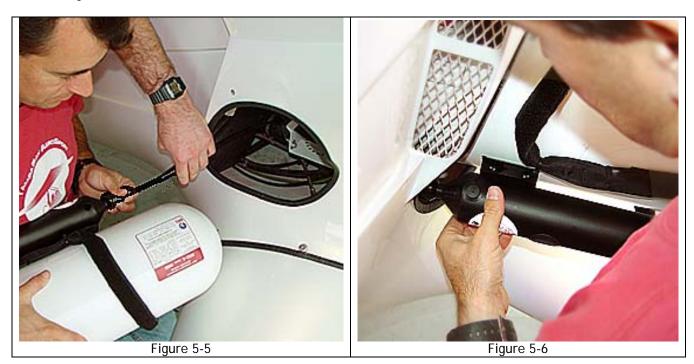


5.7 Attach the 120" Velcro Bridle to the link plate using a cable-tie. This is shown as point **2** in Figure 5-4.



Figure 5-4

5.8 Place the 1050 Canister Assembly on the trike, sliding it through the hole in the trike's fairing, as shown in Figures 5-5 and 5-6.



5.9 Slide the canister completely inside the Trike's fairing, between the stainless steel bands, as shown in Figure 5-7. The bands should straddle the rocket pedestal for proper positioning.



Figure 5-7

5.10 Place the stainless steel bands over the canister, and bend the tip of the band to a 90-degree angle, as shown in Figure 5-8. (This is the same band tip we bent in step 3.5.)



Figure 5-8

5.11 Re-secure both ends of the two Stainless Steel Bands, using item 22,23,24. When attached, they should appear as illustrated in Figure 5-9.

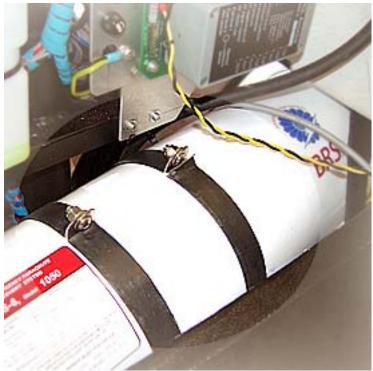


Figure 5-9

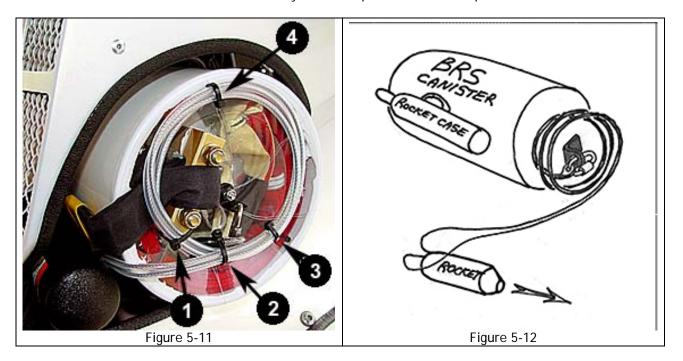
- 5.12 Hook the Rocket Lanyards and the Small Link (Item 20) onto the Rocket Lanyard Attachment (black, L-shaped part).
- 5.13 Apply LOCTITE (blue) and close the gate, as shown in Figure 5-10. Do not overtighten the gate!



Figure 5-10

5.14 Lay two rocket lanyards over the canister in a spiral pattern, as pictured in Figure 5-11 and diagrammed in Figure 5-12.

It is very important that you lay the lanyards in a spiral pattern, first in, last out, so that they remain on the surface of the canister and will be covered by the black plastic cover in step 5.17.



5.15 Use four, small 4" Cable-ties (item 34) to secure the rocket lanyards together, as illustrated by points **①**, **②**, **③** and **④** in Figure 5-11. At the same time, secure the coiled lanyards to the bridle clamp (**①** on Figure 5-11) and to the Link (**②** on Figure 5-11).

5.16 Install the Black Plastic Lid over the Canister, as shown in Figure 5-13.



Figure 5-13

Vertical Mast Fairing

120" bridle

5.17 Attach the free end of the 120" Velcro Bridle to the link on the left side of the trike's vertical mast.

Figure 5-14

5.18 Attach the adhesive-backed Velcro tape (supplied by Apollo) onto the left side of the trike's vertical mast fairing. Then, attach the 120" Velcro Bridle onto it..

NOTE: The adhesive-backed Velcro commonly takes several days to cure completely.



Figure 5-15

- 5.19 Attach additional adhesive-backed Velcro tape onto the left side of the trike's fairing.
- 5.20 Then, attach the 120" Velcro harness onto it.

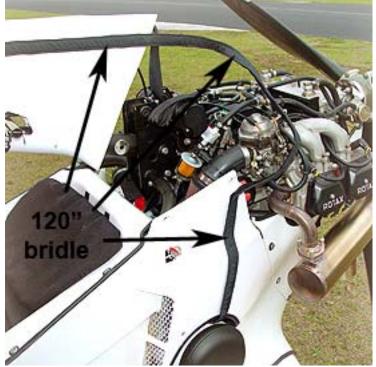


Figure 5-16

5.21 Attach the Wing to the Trike, as depicted in figures 5-17 and 5-18.





The next combination of steps involves the loose portion of the 120" Velcro Bridle, between the vertical mast fairing and the engine hood fairing.

5.22 While replacing the engine hood fairing (as shown in Figure 5.19), bring the 120" Velcro Bridle through the space between the vertical mast fairing and the engine hood fairing.

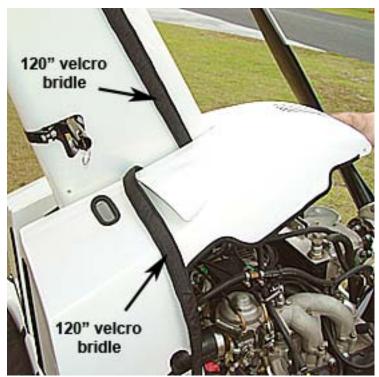
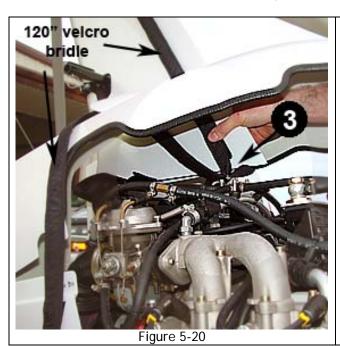


Figure 5-19

5.23 Attach the 120" Velcro Bridle to the 84" Safety Harness, using a 10-inch Cable-tie (Item 33). This attachment is shown as point 3 in Figures 5-20 and 5-21.





5.24 Completely install the engine hood fairing, depicted in Figure 5.22.



Figure 5-22

5.25 Add more adhesive-backed Velcro tape onto the engine hood fairing and attach the 120" Velcro bridle to the Velcro strip on the fairing.



Figure 5-23

6. Installing the 84" Wing Harness

- 6.1 Bring the Trike's vertical mast with attached wing to the UP position.
- 6.2 Attach the loop of one end of the 84" Wing Harness to the Link on the vertical mast. This is on the left (port) side of the aircraft, illustrated in Figure 6-1.

(This is the same link where we attached 120" Velcro Bridle.)

- 6.3 Firmly tie this Link.
- 6.4 Move and attach the 84" Wing Harness to the wing keel tube using a BRS-supplied Cable-tie (item 33). Leave a small amount of slack on the Harness in between the Link and point of attachment ①, shown on Figure 6-1.



Figure 6-1

6.5 Bring the 84" Wing Harness to the back of the wing keel tube, underneath it, and between the two wing bottom wires, over the back edge of the keel tube, on the top of the wing and on the left side of the wing top back wire.

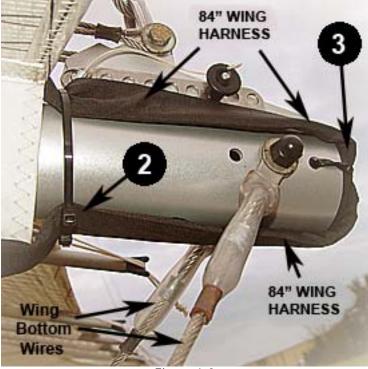


Figure 6-2

6.6 Attach the 84" Wing Harness to the keel tube using cable-ties. This is shown as points 2 and 3 in Figures 6-2 and 6-3.

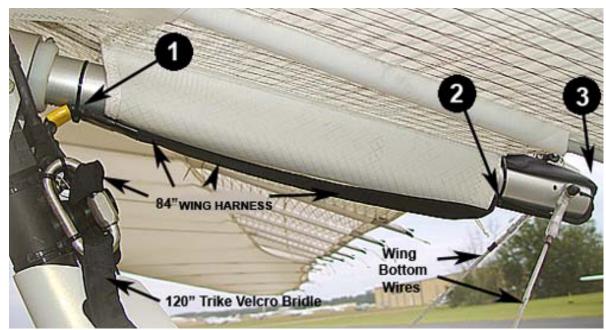
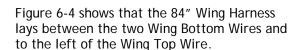


Figure 6-3

NOTE: in case of using larger wing the WING HARNESS will be in different length. In this case nothing going to be change on WING HARNESS installation and the extension of the length will be in between points 1 and 2 on Figure 6-3.





6.7 Bring the 84" Wing Harness to the top of the wing, over to the wing kingpost hole in the wing sail, and route the Harness through the kingpost hole as shown in Figure 6-5.

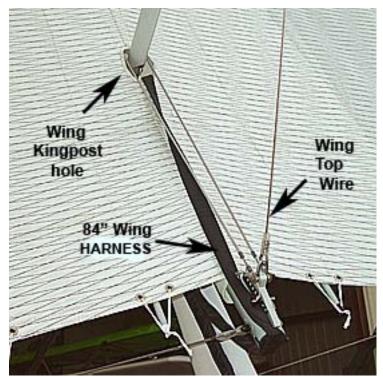
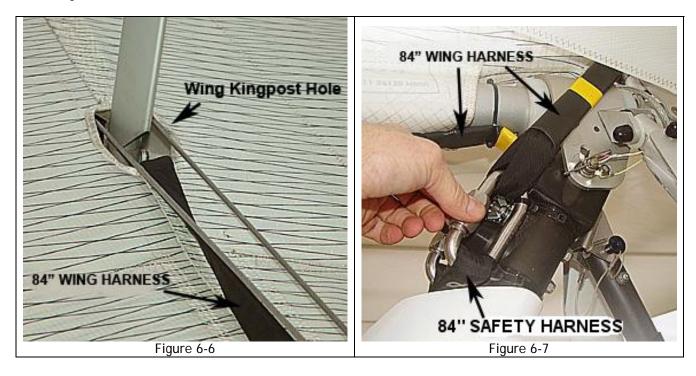


Figure 6-5

6.8 Passing the harness through the hole (illustrated in Figures 6-6 and 6-7), bring the harness down to the Link, installed on the vertical mast tube on the right (starboard) side of the aircraft, illustrated in Figure 6-7.



6.9 Connect the 84" Wing Harness to the Link, and firmly tie the Link, as shown in Figure 6-8. Figure 6-9 shows the rear view of the 84" Wing Harness, the 84" Trike Harness, the 120" Velcro Bridle, and the two Link assemblies.

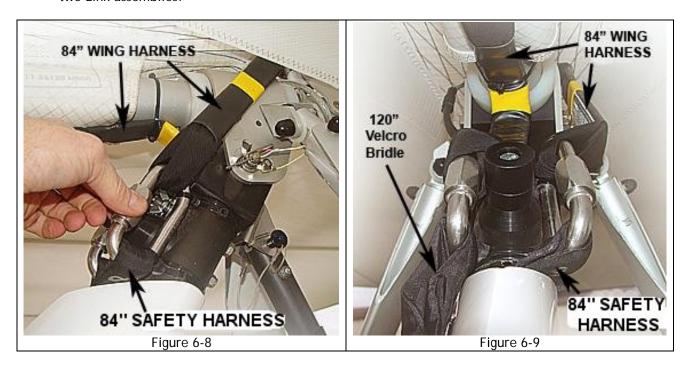


Figure 6-10 shows the completed assembly.



Figure 6-10

Figure 6-11 is a diagram showing the Harnesses and Bridle assembly from the left side of the Trike.

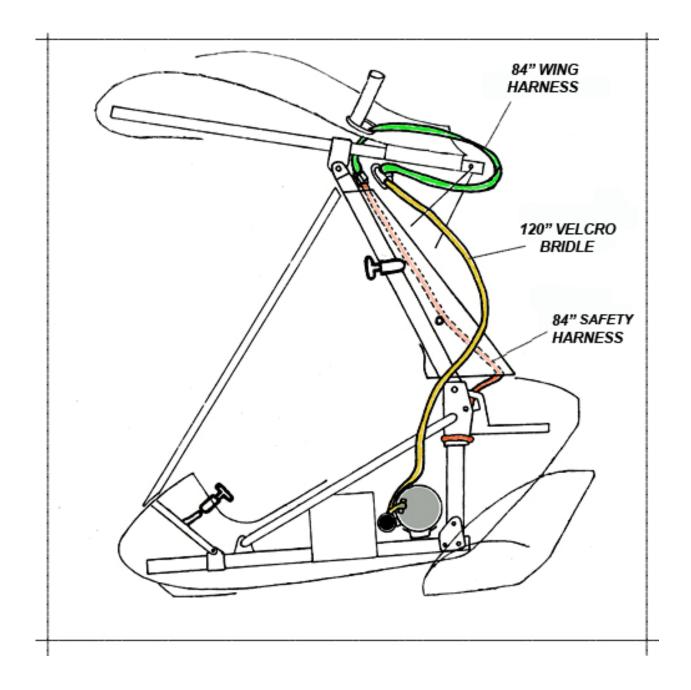


Figure 6-11

Figure 6-12 is a diagram showing the Harnesses and Bridle assembly from the right side of the Trike.

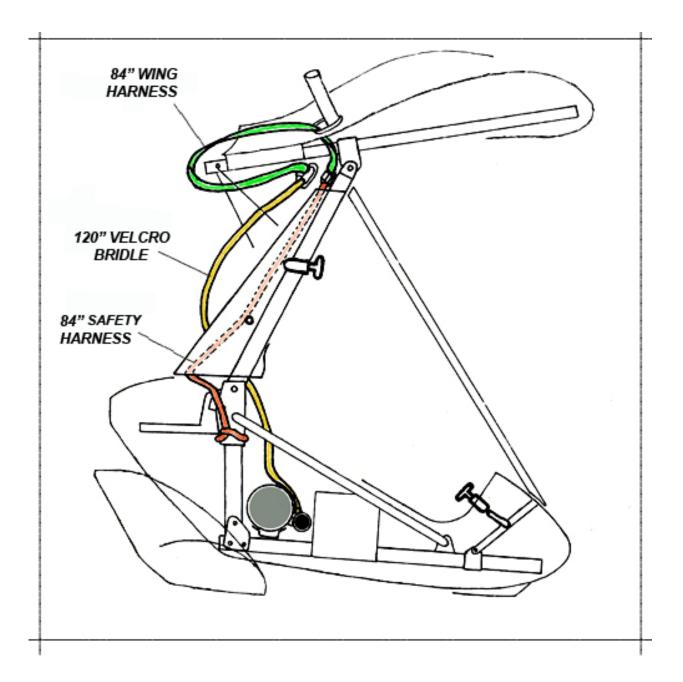


Figure 6-12

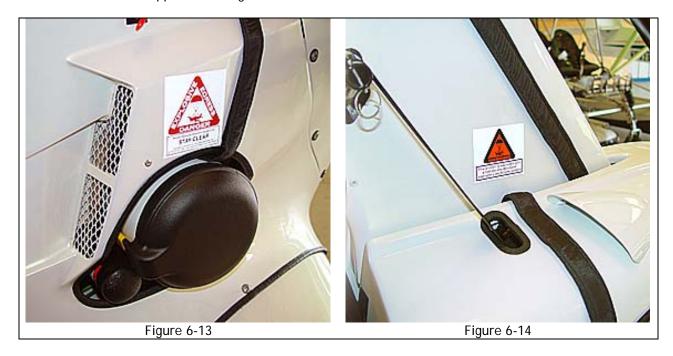




Figure 6-15

At this point, the installation is complete. We at BRS congratulate you on your purchase and installation of the recovery parachute on your Apollo Delta Jet Trike.

Don't forget to send required installation photos and copy of installation checklist to BRS Inc.