The Churchill Attachment Bracket Assembly Installation Instructions

Merritt Manufacturing, Inc.
P.O. Box 17152
Indianapolis, IN  46217-0152
USA

Phone: 317-409-0148
Fax: 317-893-2567
www.eztether.com
E-Mail: info@eztether.com

Attachment Bracket Assembly Installation Instructions
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Merritt Manufacturing
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Limited Warranty, Continued

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Limited Warranty

Merritt Manufacturing, Inc. (Merritt) provides the following limited warranty on the Churchill:

Merritt warrants to the original purchaser of the Churchill that, if properly used strictly in accordance with the instructions and specifications included in the original packaging, it shall be free from defects in materials or workmanship for a period of one (1) year from the date of original purchase. Proof of purchase is required, including, but not limited to furnishing to Merritt proof that the owner registration card was returned to Merritt within thirty days of the original purchase or furnishing to Merritt proof of purchase that identifies the claimant as the original purchaser. If any component covered by this warranty fails for reasons covered by this warranty, Merritt will, at its option, provide the original purchaser with repair or replacement components for the covered product or component. This limited warranty is available only for purchasers in the United States and Canada. Merritt reserves the right to discontinue or change fabrics, parts, models or products, or to make substitutions. Please note that the upholstery fabric is subject to some degree of wear as a result of normal use. This kind of normal wear is not covered under warranty.

To make a claim under this warranty, you must contact Merritt via telephone at (317) 409-0148 or write to the company using the address on the back cover of this booklet. PLEASE COMPLETE AND MAIL THE OWNER REGISTRATION CARD WITHIN THIRTY DAYS OF PURCHASE TO PRESERVE YOUR WARRANTY RIGHTS.

WARRANTY LIMITATIONS
This warranty does not include damages due to external sources, including, but not limited to accident, negligence, misuse, neglect, alteration, repair, improper installation, improper testing or use that is not in conformance with the instructions and specifications in the instruction booklet.

LIMITATION OF LIABILITY AND DAMAGES
THE WARRANTY AND REMEDIES SET FORTH ABOVE ARE THE SOLE AND EXCLUSIVE REMEDIES AND ARE PROVIDED IN LIEU OF ALL OTHERS, ORAL OR WRITTEN, EXPRESS OR IMPLIED. IN NO EVENT WILL MERRITT, OR THE RETAILER/DISTRIBUTOR SELLING THIS PRODUCT, BE LIABLE TO THE PURCHASER, OR ANY USER OF THIS RESTRAINT OR OTHER THIRD PARTY, FOR ANY DAMAGES, INCLUDING LOST PROFITS, LOST BUSINESS, INCIDENTAL, INDIRECT, SPECIAL, CONSEQUENTIAL DAMAGES OR PUNITIVE DAMAGES. IN NO EVENT SHALL MERRITT OR ITS AFFILIATED COMPANIES BE LIABLE OR RESPONSIBLE FOR ANY

Important Notes

NOTE: The Churchill is designed for use in vehicles equipped with lower anchors. In general, vehicles that are 2003 and newer do have the lower anchors. The Attachment Bracket Assembly is designed for use in older vehicles that are not equipped with lower anchors. Please refer to your vehicle owners manual to determine if your vehicle is equipped with lower anchors.

NOTE: Only use this Attachment Bracket Assembly with the Churchill.

NOTE: This instruction booklet describes the steps necessary to install the Attachment Bracket Assembly in vehicles that are not equipped with lower anchors.

NOTE: To use this product, you must have access to the seat bite from behind the selected vehicle seat (See arrow, Figure A).
Part’s List

7/16” Bolt 15/16” OD Washer 7/16” Nut

2 3/8” OD Washer Anchor Bracket

Materials Needed

- 3/8” Drill with 7/16” Drill Bit
- 5/8” Wrench
- 11/16” Wrench
- “Blue” or “red” LOCTITE

Attachment Bracket Assembly Installation, Cont.

3. Connect each of the Churchill’s lower anchor snap hooks to its corresponding hole in the attachment bracket (Figure D).

4. From the back of the vehicle seat, grasp the webbing loop (Figure E) and pull until the Churchill is installed snugly against the vehicle seatback (Figures F and G).

5. Continue installing the Churchill as described in the “Instructions for Use Manual”.

6. To uninstall the attachment bracket assembly, simply remove the Churchill per the Churchill’s “Instructions for Use” manual, pull the attachment bracket through to the back side of the vehicle seat, and disconnect the snap hook from the tether anchor.
1. Connect the snap hook on the attachment bracket assembly to the tether anchor that was installed according to the steps on the previous pages (Figure A).

2. Grasp the attachment bracket (Figure B) and (without twisting the webbing) insert it through the vehicle seat bite to the front of the seat (Figures C and D, opposite page).

NOTE: We strongly recommend that the heavy duty tether anchor installation steps on pages 5-9 are performed by a mechanic at an adaptive mobility shop, conversion van facility, or comparable establishment.

1. Determine the seating position in which you will install the Churchill.

2. Verify that you have access to the seat bite from behind the selected vehicle seat in which to insert the attachment bracket (See Arrow, Figure A).

3. Inspect the area behind the selected vehicle seat to determine the appropriate anchor location according to the following parameters:
   - The hole must be drilled through a plate in the floor that is structurally sound.
   - The anchor cannot be placed within 1 ½” of any other holes.
   - The anchor should be placed central to the installed Churchill, and shall not deviate from its centerline by more than 15 degrees.
• The angle shown in Figure A, between the attachment bracket webbing and the floor of the vehicle, must be 60 degrees or less.

4. After deciding where to place the tether anchor, mark the appropriate spot for the hole to be drilled.

5. Inspect the underside of the vehicle to verify that there are no vehicle components (transmission lines, brake lines, gas tank, etc.) in the way of the hole to be drilled.

6. Drill a 7/16” hole completely through the floor board as shown in Figures B and C.
7. Apply a thin layer of “blue” LOCTITE to the bolt’s threads (Figure D) to prevent loosening of the bolt from vibration. “Red” LOCTITE may be used instead, but will cause the assembly to be very difficult to remove.

8. Place the small (15/16” OD) washer and tether anchor bracket over the 7/16” bolt as shown in Figure E.

9. From inside the vehicle’s interior (or trunk if applicable), insert the bolt, with washer and bracket, (Figure F) through the hole drilled in Step 6.
NOTE: For Steps 10-13, an additional person (located inside the vehicle) must hold a 5/8” wrench securely over the head of the bolt (Figure G).

10. From underneath the vehicle place the large (2 3/8” OD) washer over the shaft of the bolt (Figure H).

11. Screw the nut onto the shaft as far as possible by hand (Figure H).

12. Continue to screw the nut onto the shaft using an 11/16” wrench (Figure I) until just before the washer “seats” against the surface of the vehicle.

13. Use a torque wrench to tighten the nut to a value between 35 and 50 ft-lbs.

14. Use appropriate caulking, or similar sealant, to seal around the head of the bolt and bracket, as well as around the nut and washer underneath the mounting plate, to prevent exhaust fumes from entering the vehicle.

Warning: If the heavy duty tether anchor is ever removed, then the hole must be plugged and sealed to prevent exhaust fumes from entering the vehicle.
NOTE: For Steps 10-13, an additional person (located inside the vehicle) must hold a 5/8” wrench securely over the head of the bolt (Figure G).

10. From underneath the vehicle place the large (2 3/8” OD) washer over the shaft of the bolt (Figure H).

11. Screw the nut onto the shaft as far as possible by hand (Figure H).

12. Continue to screw the nut onto the shaft using an 11/16” wrench (Figure I) until just before the washer “seats” against the surface of the vehicle.

13. Use a torque wrench to tighten the nut to a value between 35 and 50 ft-lbs.

14. Use appropriate caulking, or similar sealant, to seal around the head of the bolt and bracket, as well as around the nut and washer underneath the mounting plate, to prevent exhaust fumes from entering the vehicle.

Warning: If the heavy duty tether anchor is ever removed, then the hole must be plugged and sealed to prevent exhaust fumes from entering the vehicle.
7. Apply a thin layer of “blue” LOCTITE to the bolt’s threads (Figure D) to prevent loosening of the bolt from vibration. “Red” LOCTITE may be used instead, but will cause the assembly to be very difficult to remove.

8. Place the small (15/16" OD) washer and tether anchor bracket over the 7/16" bolt as shown in Figure E.

9. From inside the vehicle’s interior (or trunk if applicable), insert the bolt, with washer and bracket, (Figure F) through the hole drilled in Step 6.
• The angle shown in Figure A, between the attachment bracket webbing and the floor of the vehicle, must be 60 degrees or less.

4. After deciding where to place the tether anchor, mark the appropriate spot for the hole to be drilled.

5. Inspect the underside of the vehicle to verify that there are no vehicle components (transmission lines, brake lines, gas tank, etc.) in the way of the hole to be drilled.

6. Drill a 7/16” hole completely through the floor board as shown in Figures B and C.
1. Connect the snap hook on the attachment bracket assembly to the tether anchor that was installed according to the steps on the previous pages (Figure A).

2. Grasp the attachment bracket (Figure B) and (without twisting the webbing) insert it through the vehicle seat bite to the front of the seat (Figures C and D, opposite page).

**Attachment Bracket Assembly Installation**

**Heavy Duty Tether Anchor Installation**

**NOTE:** We strongly recommend that the heavy duty tether anchor installation steps on pages 5-9 are performed by a mechanic at an adaptive mobility shop, conversion van facility, or comparable establishment.

1. Determine the seating position in which you will install the Churchill.

2. Verify that you have access to the seat bite from behind the selected vehicle seat in which to insert the attachment bracket (See Arrow, Figure A).

3. Inspect the area behind the selected vehicle seat to determine the appropriate anchor location according to the following parameters:
   - The hole must be drilled through a plate in the floor that is structurally sound.
   - The anchor cannot be placed within 1 1/2” of any other holes.
   - The anchor should be placed central to the installed Churchill, and shall not deviate from its centerline by more than 15 degrees.
### Heavy Duty Tether Anchor Parts List and Materials Needed

**Part’s List**

- 7/16” Bolt
- 15/16” OD Washer
- 7/16” Nut
- 2 3/8” OD Washer
- Anchor Bracket

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**Materials Needed**

- 3/8” Drill with 7/16” Drill Bit
- 5/8” Wrench
- 11/16” Wrench
- “Blue” or “red” LOCTITE

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### Attachment Bracket Assembly Installation, Cont.

3. Connect each of the Churchill’s lower anchor snap hooks to its corresponding hole in the attachment bracket (Figure D).

4. From the back of the vehicle seat, grasp the webbing loop (Figure E) and pull until the Churchill is installed snugly against the vehicle seatback (Figures F and G).

5. Continue installing the Churchill as described in the “Instructions for Use Manual”.

6. To uninstall the attachment bracket assembly, simply remove the Churchill per the Churchill’s “Instructions for Use” manual, pull the attachment bracket through to the back side of the vehicle seat, and disconnect the snap hook from the tether anchor.
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