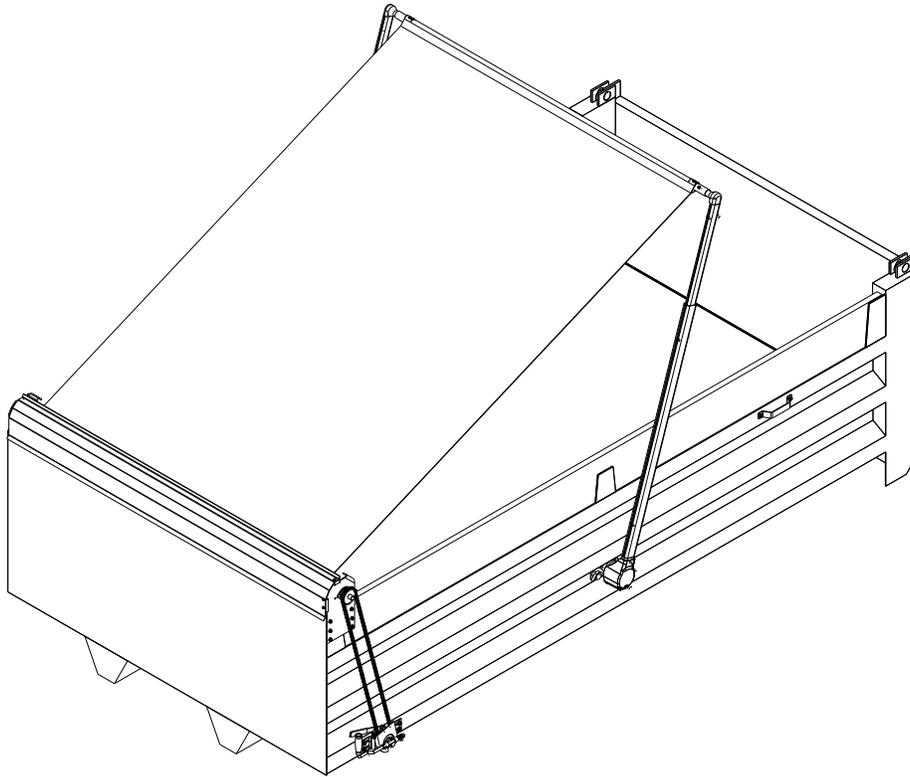


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Michel's

Dura Flip Manual *Up to 22'*



Installation Instructions – Page 1-11

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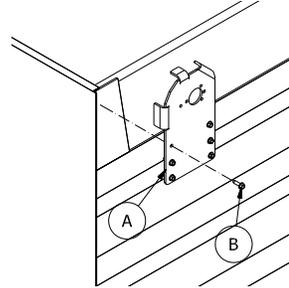
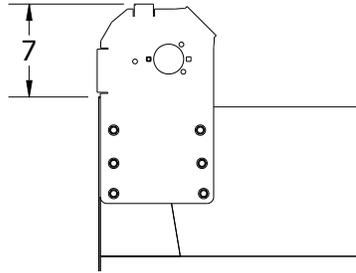
Parts Break Down – Page 14-15

PLEASE FORWARD ONTO CUSTOMER

Installation Instructions

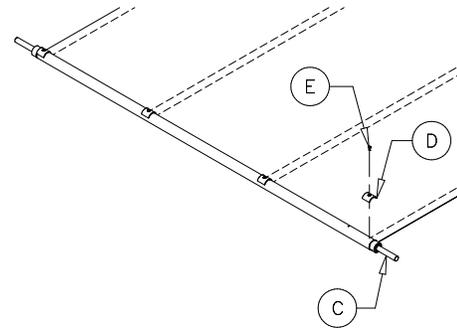
Step 1: Rolltube Bracket Installation

- Position the driver and passenger rolltube bracket (A) along the front side of the gravel box. The brackets should be mounted at a distance 7" higher than the top of the box.
- Using a 11/32" drill bit, drill through the predrilled holes in the brackets and through the box.
- Fasten the brackets to the box with 3/8"x1-1/4" self threading bolts (B).



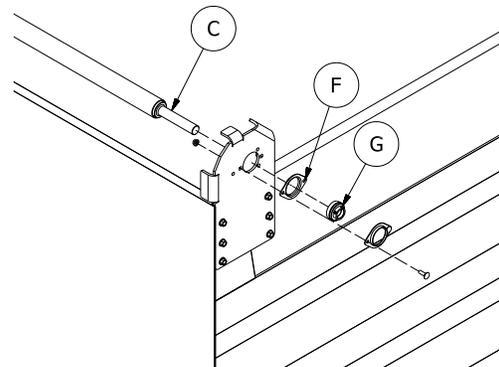
Step 2: Tarp Installation

- Slide the rolltube (C) through the large pocket at the front of the tarp.
- Center the tarp material on the rolltube. Remove any creases in the tarp along the rolltube.
- Position a large pvc tarp clamp (D) on both edges of the tarp material.
- Fasten both tarp clamps to the tarp and rolltube with the #10-24x3/4" wafer head screws (E).
- Center and fasten 2 more large pvc tarp clamps to the tarp material and rolltube.



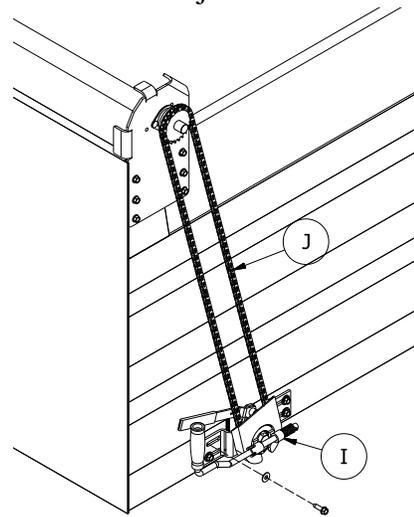
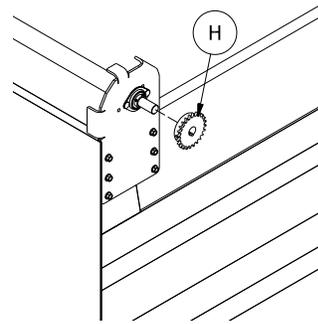
Step 3: Rolltube Installation

- Insert the rolltube ends (C) through the large hole in the driver and passenger side rolltube brackets.
- Slide the round bearing flanges (F) and the UC205-16 self-aligning bearing (G) on the rolltube end.
- Fasten the flanges to the rolltube bracket with 5/16"x1" carriage head bolts and 5/16" nylon lock nuts
- Center the rolltube between the driver and passenger brackets. Tighten the setscrews in the bearing collars.

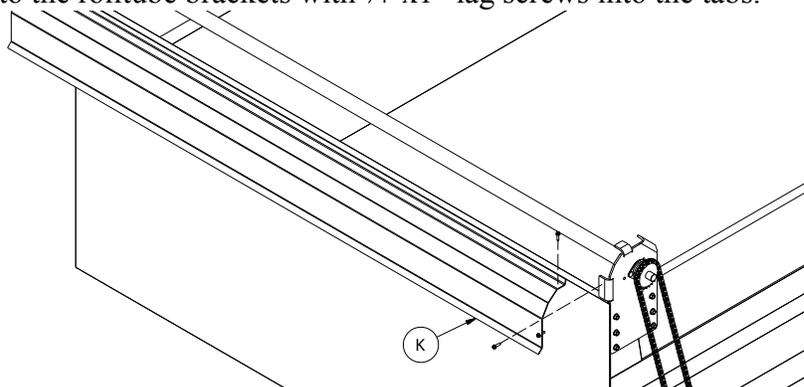


Step 4: Crank Installation

- Slide the #40x24 sprocket (H) on the rolltube end.
- Loosen the $\frac{3}{4}$ " bolt on the crank handle assembly (I) so the plastic chain guard can be adjusted.
- Place the #40 roller chain (J) on the #40x24 sprocket and through the bottom crank handle assembly.
- Secure the chain together with the connector link.
- Hang the bottom crank assembly by the chain.
- Apply downward force to the bottom crank to stretch the chain out.
- Place the crank handle assembly along the bottom of the box. Adjust the chain guard so the chain clears.
- Mark the slots of the crank assembly onto the box.
- Tighten the $\frac{3}{4}$ " bolt to secure the chain guard in place.
- Using a $\frac{11}{32}$ " drill bit, drill four holes through the box at your marks. Drill on the right side of the slots.
- Fasten the crank assembly to the box with $\frac{3}{8}$ "x $\frac{1}{4}$ " self-threading bolts and washers.
- Align the #40x24 sprocket on the rolltube end with the sprocket on the crank handle assembly.
- Tighten the $\frac{5}{16}$ " set screws in the sprocket and then loosen off to provide a mark on the rolltube end.
- Slide the sprocket on the rolltube end and drill $\frac{5}{16}$ " holes at your marks. Drill approximately $\frac{1}{4}$ " deep.
- Slide the sprocket back, align the setscrews with the holes you drilled and tighten the setscrews.

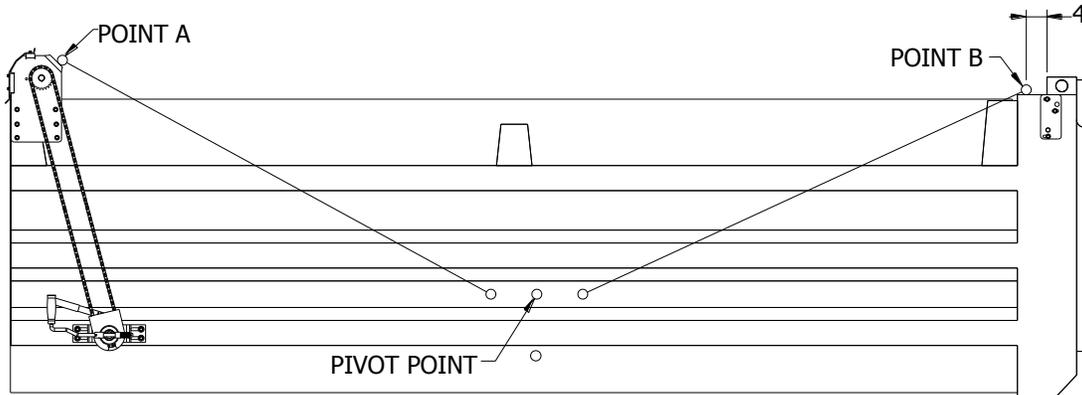
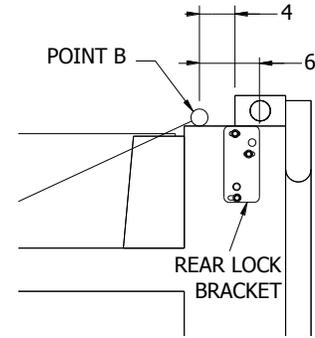
**Step 5: Front Hood Installation**

- Place the front hood (K) on the rolltube brackets and center it.
- Secure to the rolltube brackets with $\frac{1}{4}$ "x $\frac{1}{4}$ " lag screws into the tabs.

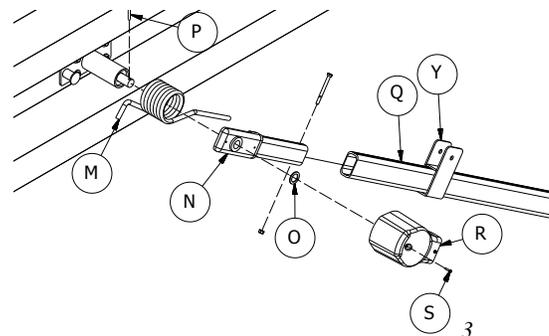
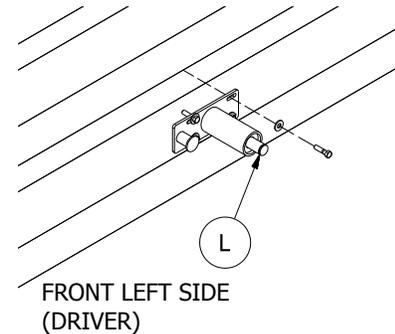


Step 6: Pivot Arm Installation

- Measure from Point A to a point on the lower inside rib of the box that is close to the pivot point of the box.
- Mark this point and record the distance as X.
- Using distance X, measure from Point B to a point on the lower inside rib of the box and mark it.
- To install the rear lock there needs to be 6" of room behind Point B. (shown in figure to the right)
- Divide the distance between the first and second mark by two and mark this point as the pivot point.



- Align the shaft on the pivot arm bracket (L) with the pivot point.
- Mark the center of the slots on the box.
- Drill 3/8" holes through the box at your marks.
- Fasten the pivot arm bracket to the box with 3/8"x1-1/2" bolts, 3/8" flat washers and 3/8" nylon lock nuts.
- Slide the helical torsion spring (M) on the pivot arm bracket and hook the spring on the catch.
- Place the bottom cast pivot arm (N) onto the shaft and have the spring end in the slot of it. Secure it to the pivot arm bracket with a machinery bushing (O) and roll pin (P).
- If you are installation the OPTIONAL Tension Bow, slide the bottom tension bow bracket (Y) onto the aluminum bottom pivot arm (Q).
- Slide the aluminum bottom pivot arm (Q) (largest tubing) over the bottom cast pivot arm and spring. The end you slide on is the side with the 5/16" hole 8" in from the edge.
- Secure together with a 5/16"x3-1/2" bolt and nylon lock nut through the predrilled holes.
- Place the spring cover (R) on the bottom cast pivot arm. Align the 2 holes and secure



together with #10x1/2" self-tapping screw (S).

- Unroll the tarp to the rear of the box.
- Slide the rear crossmember (V) in the rear pocket of the tarp and position at Point B.

For Installation of Standard Straight arms continue reading or for Optional Pivot Arm Elbows Proceed to Step 6A below.

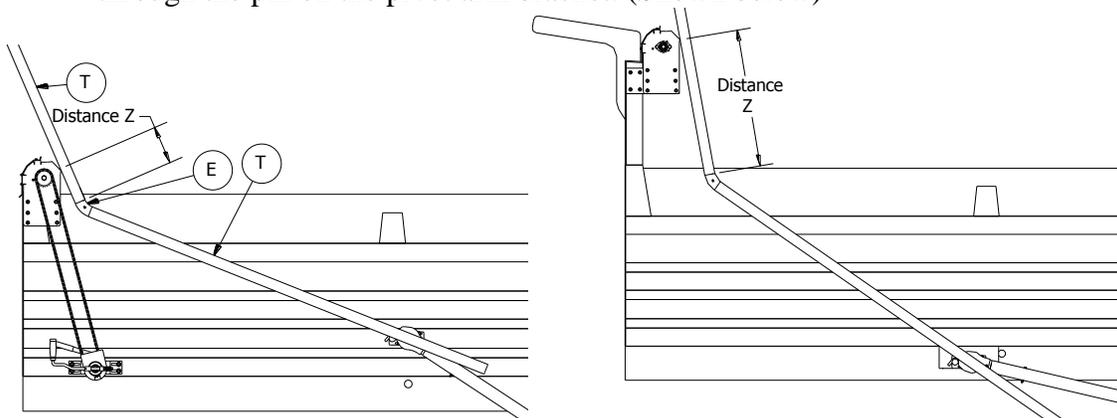
- Slide the rear crossmember holders (U) into the top aluminum arm (T). Secure together with 5/16"x3" bolt and nylon lock nut through the predrilled holes.
- Slide the aluminum top pivot arm into the bottom arm.
- Rotate the arms up and slide the rear crossmember into the rear crossmember holder.

Note: The top aluminum arm may need to be shortened.

- Repeat for the other side of the box and proceed to Step 6B.

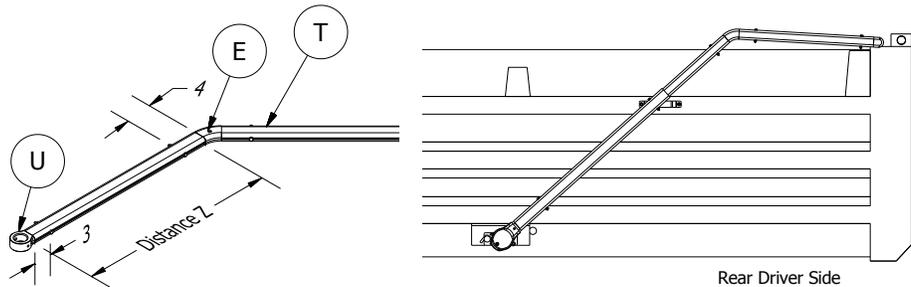
Step 6A: Optional Pivot Arm Elbows Installation

- Depending on the configuration of your box the distance from the end of the arm to the cast elbow will vary.
- Take one of the cast elbows (E) and slide it into the one the top aluminum pivot arms (T). Slide the other end into the other top aluminum pivot arm (T).
- Hold the arms and elbow up against the side of the box and position the cast elbow close to the top of the boards. Have the one top aluminum arm rest up against the rolltube bracket while holding the other one so the center of it goes through the pin on the pivot arm bracket. (Shown below)



- Make sure the arm will not hit the chain or any other obstruction on the box.
- Record the distance from the edge of the rolltube bracket to the edge of the cast elbow.
- Take the arms down and slide the cast elbow out of them.
- If Distance Z is greater than 36" then make Distance Z = 36".
- On the end with the pre-drilled holes on the top aluminum arms make a mark @ Distance Z in from the edge. Cut both arms at your mark.
- With the aluminum arms cut at Distance Z drill a 5/16" hole 4" in from the edge on the opposite end of the pre-drilled hole.

- Slide the rear crossmember holder (U) into the one of the short top aluminum pivot arms in the end with the pre-drilled hole from factory (3" in). Secure together with 5/16"x3" hex bolt and nylon lock nut.
- Slide the cast elbow (E) in the top aluminum arms. Secure together with a 5/16"x3" hex bolt and nylon lock nut.
- Drill a 5/16" hole in the ends of the remaining (2) top aluminum arms (T) at 4".



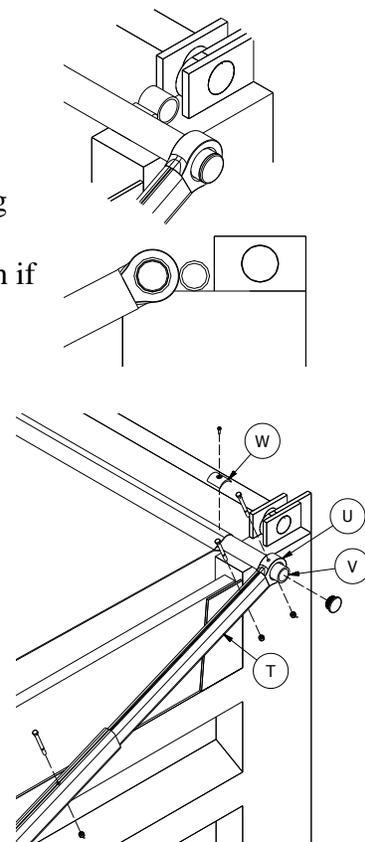
- Slide the top aluminum pivot arm assembly into the bottom aluminum pivot arm.
- Rotate the arms up and slide the rear crossmember holders over the rear crossmember.

Note: The top aluminum arm that slides inside the bottom arm may need to be shortened.

- Repeat for the other side of the box.

Step 6B: Rear Crossmember / Tarp Installation

- Align the rear crossmember (V) and top arms so they are at Point B. Make sure the top aluminum arms are protruding out the bottom arms the same.
- The rear crossmember should be sitting so both large tubing are sitting on the trailer.
- The rear crossmember will only have the extra set of tubing welded on if the rear lock option is to be installed.
- Using a 5/16" drill bit, drill through the predrilled hole in the bottom arm and the top pivot arm.
- Secure the arms together with 5/16"x3-1/2" bolts and nylon lock nuts.
- Align the pivot arms so they are parallel with the side of the box.
- Position the rear crossmember so it protrudes out of the rear crossmember holder on one side by 3/4".
- Drill through the hole in the crossmember holder and through the rear crossmember with a 5/16" drill bit.
- Secure together with a 5/16"x3-1/2" hex bolt and nylon lock nut.
- On the other side cut the rear crossmember so it just protrudes past the rear crossmember holder by 3/4". Secure together like the other side.
- Press the plastic plugs into the open ends of the rear crossmember.
- If your crossmember has the extra tubing's, center it with the box and cut equally off each side so it sticks out 3/4" on each side.
- Center the rear pocket of the tarp on the rear Crossmember (V).

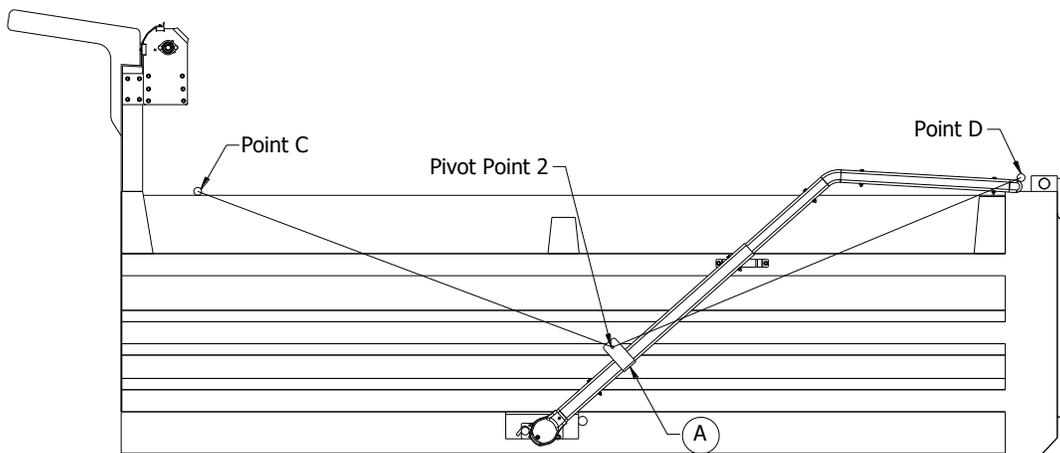
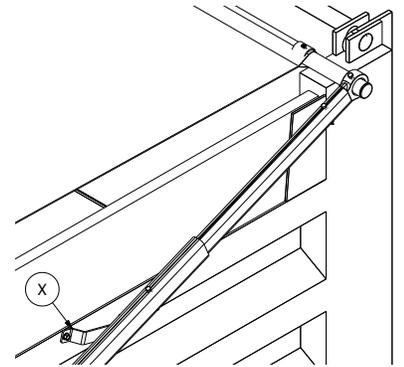


- Position a small pvc tarp clamp (W) on both edges and secure together with #10-24x3/4" wafer head screws.

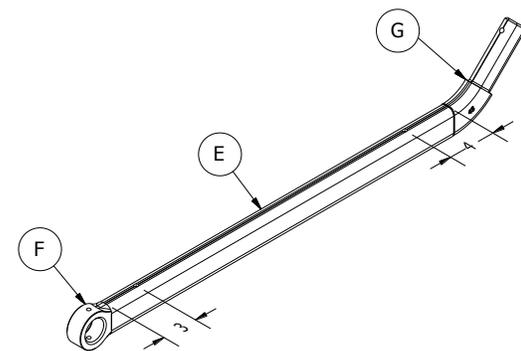
Continue to Step 6C if you are installing the Tension Bow otherwise proceed to Step 7.

Step 6C: Optional Tension Arm Installation

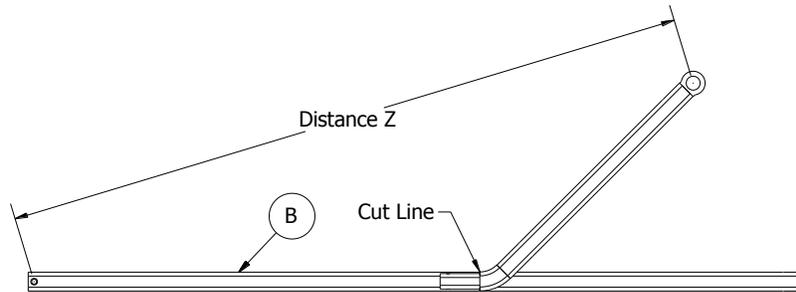
- Point C will be the location of where the rear tension cross member will sit when the tarp is closed. It will be close to the front of the box that will be behind the chain and has a clear view across the box. Also it has to be behind the rolltube bracket.
- Point D is located on top of the top cast arm or rear crossmember holder at the back of it.
- Measure from the center of the hole in the tension mounting bracket to Point C & D and keep moving the bracket up or down until the distance is the same. Record the final measurement as Distance Z.
- You may want to use a clamp to keep the tension bracket from moving.



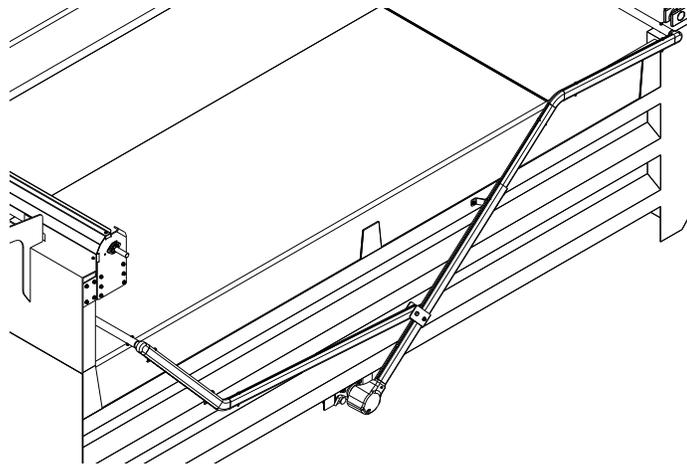
- Measure the top aluminum arm on the box between the elbow and the top cast pivot arm.
- Cut the 2 shorter pieces of top arm (E) that came in the kit to the same distance as you just measured.
- Insert a rear crossmember holder (F) into each of the cut arms and secure together with a 5/16"x3" bolt and nylon lock nut by drilling a 5/16" hole 3" in from the edge.
- Insert an elbow (G) into the other end of the cut arms and secure together with a 5/16"x3" bolt and nylon lock nut by drilling a 5/16" hole 4" in from the edge.
- Lay the bottom tension arm on the ground and lay one of the top aluminum arm assemblies on top of it. Position the elbow on the bottom tension arm so it runs parallel with it.



- Move the top pivot arm assembly along the bottom tension arm until the distance from the center of the rear cross member holder to the center of the mounting hole in the bottom tension arm is equal to Distance Z.



- Mark the bottom tension arm where the cast elbows shoulder stops.
- Cut the bottom tension arm at your mark.
- Drill a 5/16" hole in the bottom tension arm 4" down from the top edge in the center.
- Slide the bottom tension arm over an elbow on one of the top aluminum arm assemblies and secure together with 5/16"x3" hex bolt and nylon lock nut.
- Place the bottom tension arm into the tension bow mounting bracket and secure together with 1/2"x2-1/2" hex bolt and lock nut.
- Carefully swing the tension assembly to the front of the box making sure that it doesn't interfere with anything.



- Secure the tension pivot bracket to the bottom aluminum arm with (2) 3/8"x1-1/4" self-threading bolts. Drill an 11/32" hole in through the bottom and side of the bracket and the bottom arm.
- Cut the other bottom tension arm the same as the first and secure to the remaining top tension arm assemble the same as the first one.
- Secure the tension bow mounting bracket at the same location on the bottom pivot arm as the first one.
- Bolt the tension bow arm assembly to the bracket on the bottom arm like previously done.
- Place the other rear crossmember on top of the tarp at Point C.

- Slide the crossmember through the rear crossmember holders.
- Position the rear crossmember so it protrudes out of the rear cross member holder on one side by $\frac{3}{4}$ ".
- Drill through the hole in the crossmember holder and through the rear cross member with a $\frac{5}{16}$ " drill bit.
- Secure together with a $\frac{5}{16}$ "x $3\text{-}1/2$ " hex bolt and nylon lock nut.
- On the other side cut the rear crossmember so it just protrudes past the rear cross member holder by $\frac{3}{4}$ " when the arms are parallel with the side of the box. Secure together like the other side.
- Press the plastic plugs into the open ends of the rear crossmember.

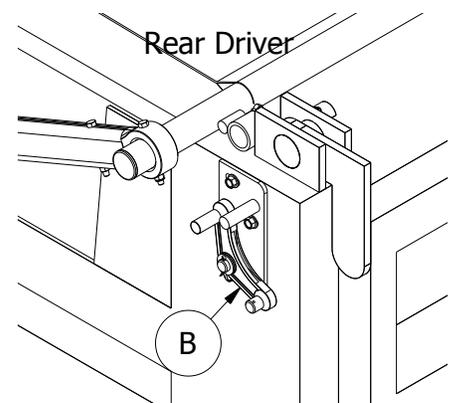
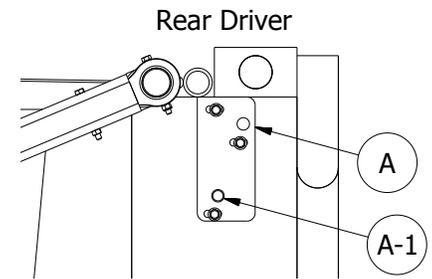
Open the tarp to the front of the box and make sure nothing hits or catches. Adjust the arms if necessary.

Step 7: Pivot Arm Guide Installation

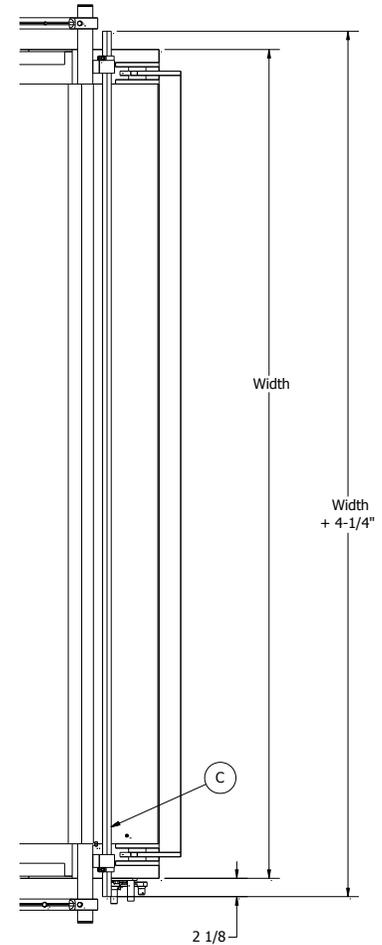
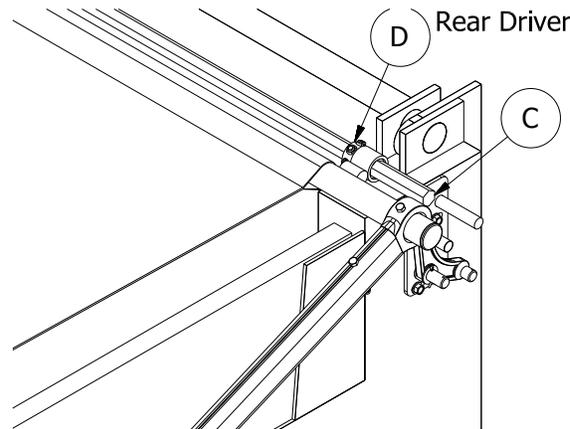
- The pivot arm guides (X) prevent the tarp from shifting to either side of the box when closed.
- Close the tarp and place a pivot arm guide along one of the ribs in the box wall against the inside of the aluminum arms.
- Mark the 2 holes on the box and drill a $1\frac{1}{32}$ " at your marks.
- Secure the pivot arm guides to the box with $\frac{3}{8}$ "x $1\text{-}1/4$ " self threading bolts.
- Repeat for the other side of the box.

Step 8: OPTIONAL Rear Lock Installation

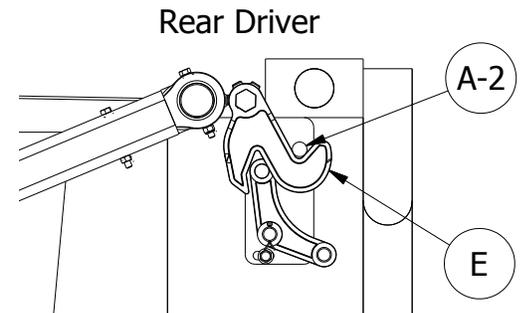
- Mount the rear driver lock bracket (A) to the back post of the trailer shown here.
- Place the bracket so the front edge of the bracket is inline with the center of the short pipes welded on the rear crossmember and the top of it is the same height as the bottom of the pipes.
- Mark your holes in the center of the slots and drill an $1\frac{1}{32}$ " at your marks.
- Secure the rear driver lock bracket to the trailer with $\frac{3}{8}$ "x $1\text{-}1/4$ " self-threading bolts.
- Slide the plastic latch (B) onto the mounting pin (A-1) on the driver rear bracket. The side with the collar on it goes to the inside so both posts stick outwards from the trailer. Secure on with a $\frac{3}{4}$ " machinery bushing and $\frac{1}{8}$ " cotter pin.



- Measure the width of the box where you will be installing the lock components.
- Cut the aluminum hex shaft (C) at the width of the box + 4-1/4".
- Slide the shaft into the rear crossmember pipes.
- Slide the hex locking collars (D) onto the hex shaft between crossmember pipes and into the pipes. Slide them on so the setscrews are on the same faces of the hex shaft.
- Center the hex shaft so 2-1/8" sit out each side of the box and tighten the setscrews in the hex collars preventing it from moving side to side.

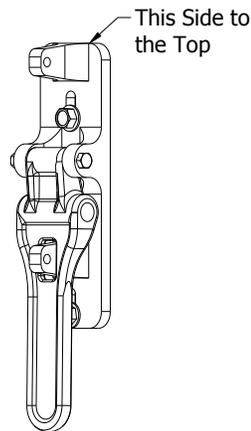


- Slide a rear hook (E) onto each end of the hex shaft so they are flush to ends and are positioned the same with each other and the set screws are on the same face of the hex shaft as the collars. Secure the rear hooks to the hex shaft by tightening the setscrews in them.
- Rotate the hex shaft so the rear hook locks under the pin (A-2) on the driver bracket. You may need to adjust the driver bracket so the rod sits in the hook as shown here.



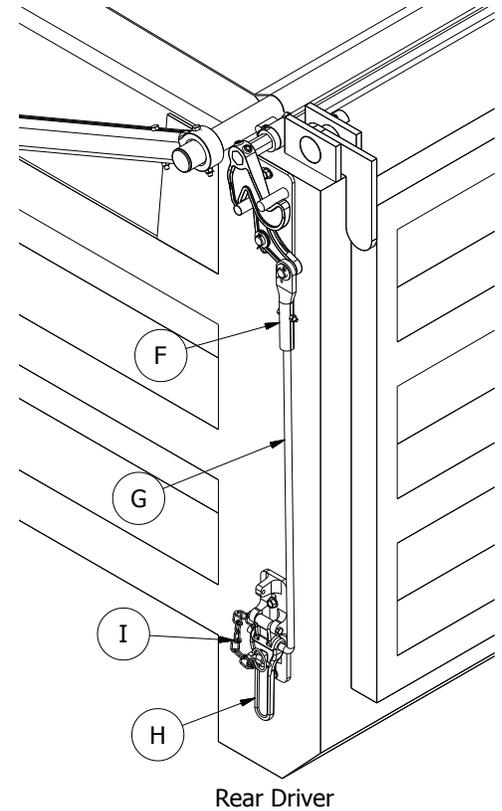
- Have the latch so the largest post on it is pushing up against the rear hook as shown here.
- Place the plastic rod connector (F) onto the latch and secure with 3/4" machinery bushing and 1/8" cotter pin.
- Place the short leg of the aluminum connecting rod (G) into the handle assembly (H). Use the lynch pin (I) to keep the handle assembly in the locked position shown here.

Locked Position



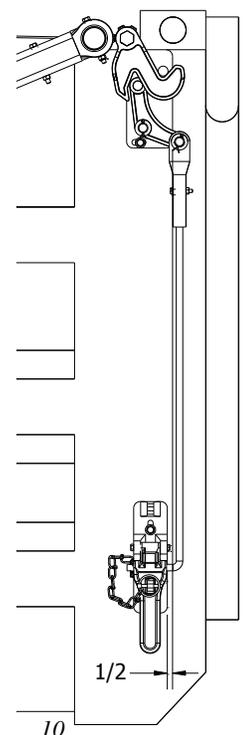
Handle Assembly (H)

- Next slide the long leg of the aluminum connecting rod into the rod connector while having the locking handle flush up against the trailer. The aluminum rod may need to be shortened.
- With the aluminum connecting rod at the necessary length secure it to the rod connector. Make sure the aluminum rod is all the way into the rod connector
- Drill a 1/4" hole through both of them and bolt together with a 1/4"x1-1/2" bolt and nylon lock nut. The aluminum connecting rod has to be positioned so the short leg is running parallel with the side of the box. Drill the hole through them so the bolt runs the length of the box preventing it from rubbing the side of the trailer.
- Once secured make sure the hook is fully locked under the locking pin with the latch pushing up against it and place the handle assembly against the side of the box. The back face of the latch handle should be 1/2" in from the back face of the driver lock bracket.
- Mark the bottom of the top slot in the handle assembly
- Drill a 11/32" hole at your mark and secure the handle assembly to the trailer with a 3/8"x1-1/4" self threading bolt.
- Remove the lynch pin from the handle allowing the handle to rotate up.
- With the handle assembly sitting vertically drill a 11/32" hole at the bottom of the bottom slot and secure with a 3/8"x1-1/4" self threading bolt.
- Rotate the handle down so the hook locks and you can put the lynch pin back in the handle preventing it from unlocking. You should have to apply a little force to lock the handle and should snap locked when over centered. If this doesn't happen, loosen the (2) bolts securing the handle to the trailer and move the handle downwards and retighten the bolts. You do not want to have excess tension on the handle when locking it.

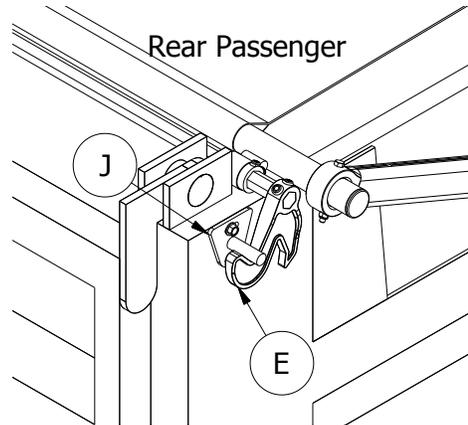


Rear Driver

LOCKED POSITION



- With the driver side hook locked under the pin, place the passenger side lock bracket (J) against the trailer so the locking pin sits in the hook like the driver side.
- Mark the center of the top slot and drill a 1 1/32" hole at your mark.



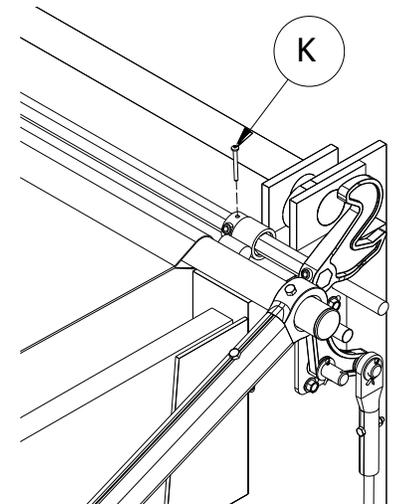
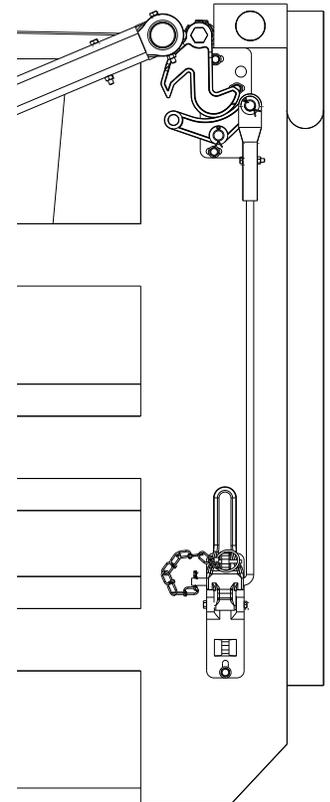
- Go to the driver side and unlock the tarp by rotating the handle up and using the lynch pin to secure it in the unlock position.
- Secure the bracket to the trailer with a 3/8"x1-1/4" self-threading bolt. Have the top of the bracket running parallel with the top of the trailer.
- Drill a 1 1/32" hole in the middle of the bottom slot and secure with a 3/8"x1-1/4" self threading bolt.
- Lock the hooks under the locking pins and adjust the passenger side if necessary.
- With the lock working properly, bolt the hex locking collars to the hex shaft. Drill a 13/64" hole through the pre-drilled holes in the locking collars and hex shaft.
- Secure together with the #10x2" machine screw and nylon lock nut.

Note: You may want to lift the rear crossmember up and rotate the hex shaft to allow for easier drilling and installing

Note: For the lock to work properly the pivot arm guides need to be installed and provide very little side to side movement when closed so the rear lock components line up properly.

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UNLOCKED POSITION

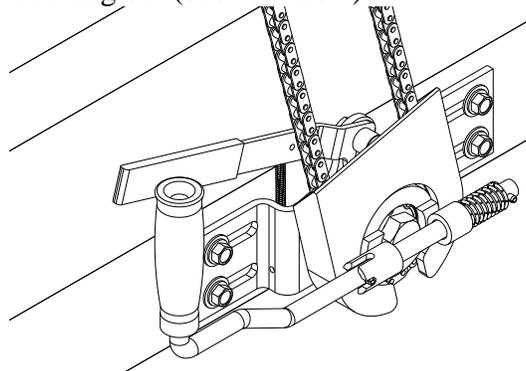


Warranty

Michel's Industries warrants their products for a period of one year from date of purchase. Any parts returned to Michel's Industries LTD. will be shipped prepaid by the customer and will be returned F.O.B. St.Gregor, Sk. Canada. We will not assume responsibility for shipping, labor or travel expenses. Please Note: We reserve the right to make improvements; therefore specifications are subject to change without notice.

Operating Instructions

Opening Tarp – To open the tarp so it is fully rolled up on the front rolltube to allow product to be dumped into the box, first unlock the rear lock if there is one installed. If installed, the tension should first be removed from the tarp by rotating the main crank clockwise. Then go to the rear of the trailer and remove the lynch pin holding the handle in the locked position. Rotate the handle up and use the lynch pin to secure the handle in the unlocked position. Go back to the front of the trailer and pull the handle of the crank and rotate it so the handle is sticking out from the box. Turn the crank counter clockwise to open the tarp. The locking handle on the crank will click on the sprocket and prevent the crank from spinning if you let go of the handle. Stop cranking when the tarp is completely rolled up on the front rolltube. Reposition the crank handle back into transport position so it will not be sticking out (shown below).

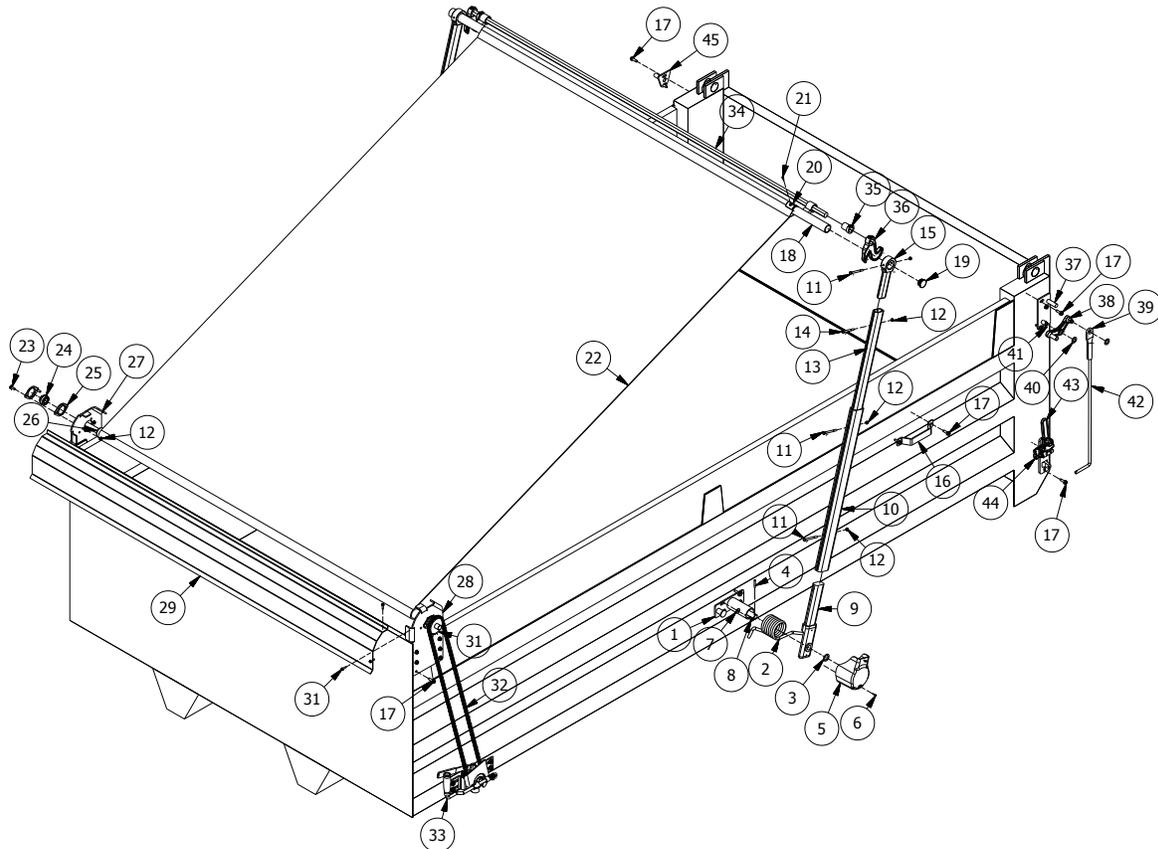


Closing Tarp – To cover your box, pull the crank handle and rotate it so the handle will be sticking out from the box. Firmly hold onto the crank handle and lift the locking handle up and slowly turn the crank clockwise to unroll the tarp. **CAUTION** The crank will want to spin clockwise on you since there is a high torque being applied to it. If you need to stop, lower the locking handle so it locks in the sprocket first and then let go of the handle. In case your hand slips off the crank handle, quickly let go of the locking handle and the tarp will stop. Unroll the tarp until the rear cross member is sitting on the back of the box. Once the rear crossmember is sitting on the top rail at the rear of the trailer, go to the rear and lock the tarp down if a lock is installed. If installed remove the lynch pin from the handle and rotate the handle downwards. This should cause the hooks to lock under the locking pins on the side of the box. Secure the handle in the locked position with the lynch pin. Go to the front and remove any slack in the tarp by cranking it counter clockwise.

Maintenance Guidelines

- Inspect the tarp for rips and tears.
- Make sure all bolts are tight and none are missing.
- Inspect the springs for breakage or stretching.
- Examine the bearings on the front shaft for excessive play and wear.
- Replace all worn and/or broken parts.

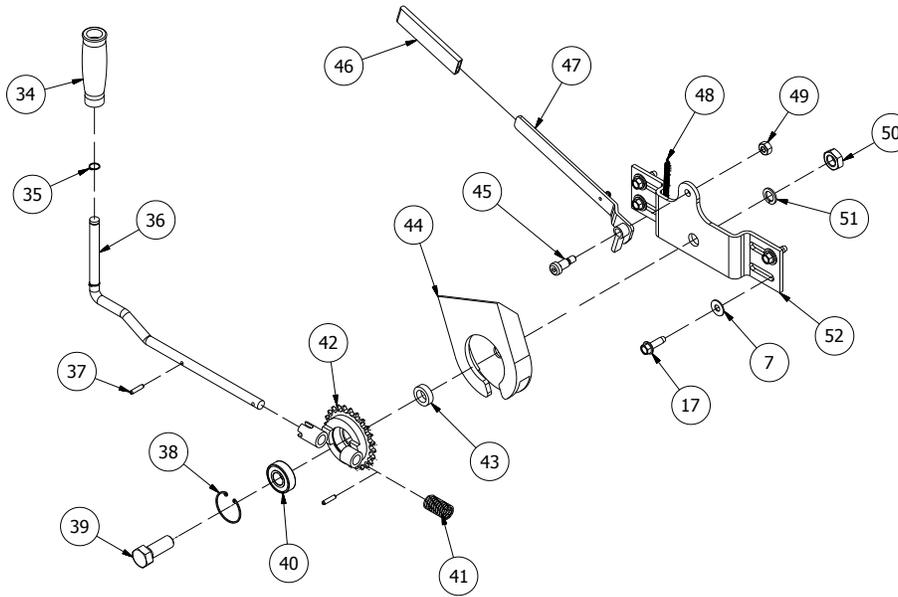
Parts Break Down



REF #	DESCRIPTION	PART #	REF #	DESCRIPTION	PART #
1	DURA PIVOT ARM BRACKET	0002-061001	N/A	YELLOW CANVAS MATERIAL	FR02-072003
2	1/2" DURA SPRING - DRIVER	0117-003001	23	5/16"X1" CARRIAGE HEAD BOLT	0105-009102
N/A	1/2" DURA SPRING - PASSENGER	0117-003002	24	UC205-16 SELF ALIGNING BEARING	0115-000008
3	1" MACHINERY BUSHING	0101-001407	25	52mm FLANGETTE	0115-001000
4	1/4"X2" ROLL PIN	0110-000021	26	8' FRONT ROLLTUBE	0002-040308
5	PLASTIC SPRING COVER	0113-000048	N/A	8'6" FRONT ROLLTUBE	0002-040311
6	#10X1/2" SELF TAPPING SCREW	0106-000032	27	DURA ROLLTUBE BRACKET - PASS	0002-040502
7	3/8" FLAT WASHER	0101-001002	28	DURA ROLLTUBE BRACKET - DRIVER	0002-040501
8	3/8"X1-1/2" HEX BOLT	0105-000204	29	8' STD DURA FRONT HOOD	0002-040503
9	BOTTOM CAST PIVOT ARM	0002-061013	N/A	8' 6" STD DURA FRONT HOOD	0002-040504
10	BOTTOM ALUMINUM ARM - 5'	0002-061002	30	1/4"X1" LAG SCREW	0106-000005
11	5/16"X3-1/2" HEX BOLT	0105-000112	31	#40X36 SPROCKET - 1" BORE	0002-041106
12	5/16" NYLON LOCK NUT	0100-001101	32	#40 HYDRO ROLLER CHAIN	0116-002005
13	TOP ALUMINUM ARM	0002-061003	33	FLIP CRANK ASSEMBLY	0002-010620
14	5/16"X3" HEX BOLT	0105-000110	34	1" HEX SHAFT	0002-031004
15	REAR CROSSMEMBER HOLDER	0161-003018	35	REAR HEX LOCK COLLAR	0113-000302
16	ALUMINUM PIVOT ARM GUIDE - 2"	0002-061006	N/A	1/4"X3/8" SET SCREW - KNURL	0104-000002
N/A	ALUMINUM PIVOT ARM GUIDE - 1-1/2"	0002-061011	36	REAR LOCK HOOK	0113-000301
17	3/8"X1-1/4" SEF THREADING BOLT	0106-000016	37	REAR DRIVER DURA LOCK BRACKET	0002-031001
18	8' DURA REAR CROSSMEMBER - LOCK	0002-061012	38	REAR DURA LATCH	0113-000305
N/A	8'6" DURA REAR CROSSMEMBER - LOCK	0002-061009	39	ROD CONNECTOR	0113-000306
N/A	8' DURA REAR CROSSMEMBER	0002-061004	40	3/4" MACHINERY BUSHING	0101-001406
N/A	8'6" DURA REAR CROSSMEMBER	0002-061005	41	1/8"X1-1/4" COTTER PIN	0110-000022
19	1-3/4"OD PLASTIC PLUG	0113-000054	42	CONNECTING ROD - 60"	0002-031003
20	REAR PVC TARP CLAMP	0113-000036B	43	REAR LOCK HANDLE ASSEMBLY	0002-031008
N/A	FRONT PVC TARP CLAMP	0113-000036	44	1/4"X1-9/16" LYNCH PIN	0110-000004
21	#10X3/4" WAFTER TEK SCREW	0106-000011	45	REAR PASSENGER DURA LOCK BRACKET	0002-031002
22	MESH MATERIAL	FR02-072001	46	45 DEGREE CAST ELBOW	0151-910005
N/A	VINYL MATERIAL	FR02-072018	47	35 DEGREE CAST ELBOW	0151-910004
N/A	NEOPRENE MATERIAL	FR02-072002			

Crank Handle Assembly Parts Break Down on Next Page

Parts Break Down



REF #	DESCRIPTION	PART #	REF #	DESCRIPTION	PART #
1	BOTTOM FLIP CRANK ASSEMBLY	0002-010620	12	PLASTIC CHAIN GUARD	0002-010622
2	LARGE PLASTIC GRIP	0113-000027	13	1/2" SHOULDER BOLT X 3/4"	0105-006402
3	9/16" SNAP RING	0110-000100	14	RATCHET HANDLE VINYL CAP	0113-000013
4	BOTTOM FLIP CRANK HANDLE	0002-010003	15	RATCHET HANDLE	0002-010623
5	7/32" ROLL PIN	0110-000003	16	EXTENSION SPRING	0117-002015
6	1-7/8" INTERNAL SNAP RING	0110-000012	17	3/8" NYLON LOCK NUT	0100-001102
7	3/4"X2" HEX BOLT	0105-000606P	18	3/4" JAM NUT	0100-001206
8	6204-2RS BEARING	0115-000001	19	3/4" LOCK WASHER	0101-001206
9	COMPRESSION SPRING	0117-002003	20	BOTTOM CRANK HANDLE BRACKET	0002-010621
10	#40X24 SPROCKET c/w BEARING, TUBES	0161-023005A	21	3/8"X1-1/4" SELF THREADING BOLT	0106-000016
11	SPROCKET SPACER	0002-010624	22	3/8" FLAT WASHER	0101-001102