

WARNING: BIKES AND OR RACK FALLING IN ROAD CAN CAUSE SERIOUS ACCIDENTS RESULTING IN BODILY INJURY—DO NOT USE RACK ON ANY VEHICLE WHICH IT CAN NOT BE PROPERLY MOUNTED AS DESCRIBED IN THIS INSTRUCTION SHEET.

- RACK SHOULD ONLY BE USED ON VEHICLES WITH 2" RECEIVER HITCHES. NEVER USE WITH ANY TYPE OF HITCH ADAPTOR.
- NEVER USE ON TRAILERS OR THE FRONT OF VEHICLE.
- BIKES SHOULD BE TIED TO RACK USING TIE-DOWNS, OR ADDITIONAL STRAPS IF NECESSARY.
- CHECK PERIODICALLY DURING USE THAT ALL BOLTS AND NUTS ARE PROPERLY TIGHTENED, AND THAT BIKES AND RACK ARE SECURE.
- NEVER CARRY MORE THAN 4 BICYCLES (MAX. CAPACITY 140 #) - NO TANDEM, TRICYCLES, MOPEDS OR RECUMBENTS. CAR TAIL LIGHTS MUST REMAIN VISIBLE.
- ALWAYS MAKE SURE THAT RACK IS PROPERLY CLOSED BEFORE DRIVING VEHICLE.
- MODIFYING THE RACK IN ANY WAY COULD MAKE THE PRODUCT UNSAFE, AND WILL VOID MANUFACTURER'S WARRANTY.
- A BICYCLE CARRIER WILL CHANGE THE HANDLING CHARACTERISTICS OF YOUR VEHICLE, PARTICULARLY WHEN IT IS FULLY LOADED - DRIVE CONSERVATIVELY, ESPECIALLY OVER BUMPS (NEVER OFF ROAD).
- DO NOT USE IF ANY PART OF THE RACK IS DAMAGED OR MISSING. CONTACT R. A. ALLEN Co., INC. FOR REPLACEMENT PARTS.

CAUTION: USE ALLEN 740RR ONLY IN ACCORDANCE WITH LOCAL MOTOR VEHICLE AND TRAFFIC REGULATIONS.

- INSTALL RACK AND LOAD BICYCLES ONLY AT A SAFE DISTANCE AWAY FROM MOVING TRAFFIC.
- MAKE SURE THAT ALL OF THE RACK AND BICYCLES ARE KEPT AT A SAFE DISTANCE FROM ROAD AND HOT EXHAUST DURING USE.
- FOLD CARRY ARMS DOWN, OR REMOVE RACK FROM VEHICLE WHEN NOT IN USE.

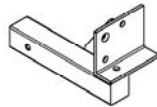
A. PARTS:

HARDWARE

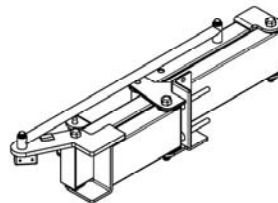
- 6 - .375" Lock Nut [N1]
- 4 - .5" Lock Nut [N2]
- 2 - .375" x 2.5" Bolt [B1]
- 2 - .375" x 3" CARRIAGE BOLT [CB1]
- 1 - .5" No-Wobble Bolt [5NWB]
- 2 - .5" x 2.75" Bolt [B3]
- 1 - .5" x 6.875" Bolt [B4]

TOOLS REQUIRED: 2 - 9/16" WRENCHES & 2 - 3/4" WRENCHES,
OR 2 - ADJUSTABLE WRENCHES

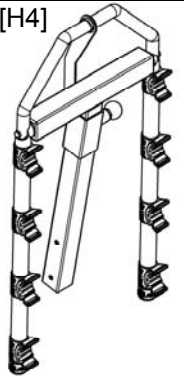
HITCH INSERT [H1]



SWING ARM [H2]



CARRY ARM [H4]



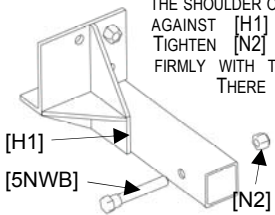
UPRIGHT ARM [H3]



B. ASSEMBLY:

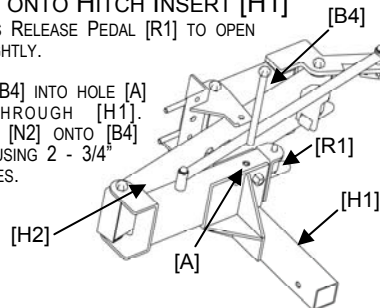
STEP 1 - INSTALL HITCH INSERT [H1]

- INSERT [H1] INTO 2" RECEIVER HITCH. LINE UP 1/2" HOLE IN INSERT WITH HOLE IN HITCH.
- INSERT [5NWB] INTO HOLE, MAKING SURE THAT THE SHOULDER OF THE BOLT COMES UP AGAINST [H1] INSIDE OF HITCH. TIGHTEN [N2] ON OPPOSITE SIDE FIRMLY WITH TWO 3/4" WRENCHES. THERE SHOULD NOT BE ANY MOVEMENT OF [H1] INSIDE OF THE HITCH WHEN DONE.



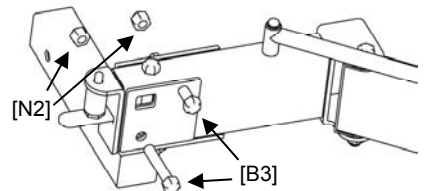
STEP 2 - INSTALL SWING ARM [H2] ONTO HITCH INSERT [H1]

- DEPRESS RELEASE PEDAL [R1] TO OPEN [H2] SLIGHTLY.
- INSERT [B4] INTO HOLE [A] AND THROUGH [H1]. TIGHTEN [N2] ONTO [B4] FIRMLY USING 2 - 3/4" WRENCHES.

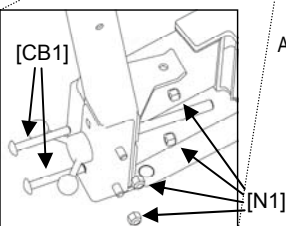
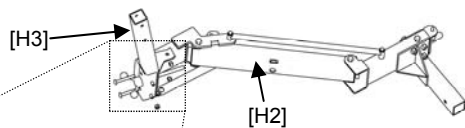


STEP 3 - FINISH SWING ARM [H2] INSTALL WITH 2 - [B3]

- INSERT BOTH [B3] BOLTS THROUGH HOLES ON [H2] AND [H1]. INSTALL [N2] AND TIGHTEN FIRMLY WITH 2 - 3/4" WRENCHES.



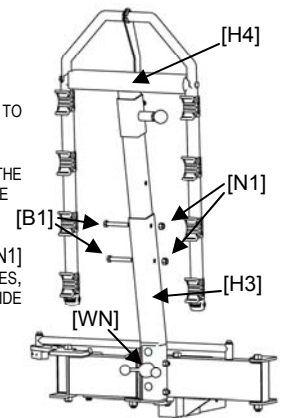
STEP 4 - INSTALL UPRIGHT [H3] ONTO SWING ARM [H2]



- WITH SWING ARM [H2] COMPLETELY OPEN, SLIDE [H3] OVER EXISTING BOLTS ON [H2]. INSERT BOTH [CB1] BOLTS INTO HOLES ON [H3]. INSTALL ALL FOUR [N1] NUTS, AND TIGHTEN FIRMLY USING 2 - 9/16" WRENCHES.

STEP 5 - INSTALL CARRY ARM [H4] ONTO UPRIGHT [H3]

- CLOSE SWING ARM [H2], TIGHTEN WING-NUT [WN] TO SECURE BASE.
- INSERT THE BOTTOM OF [H4] INTO [H3] SO THAT THE TWO HOLES ON THE BOTTOM OF [H4] LINE UP WITH THE TWO HOLES AT THE TOP OF [H3].
- INSERT BOTH [B1] BOLTS INTO HOLES AND INSTALL [N1] NUTS ONTO BOLTS. USING 2 - 9/16" WRENCHES, TIGHTEN FIRMLY SO THAT [H4] DOES NOT MOVE INSIDE OF [H3].



C. OPENING/ CLOSING RACK:

OPENING THE RACK:

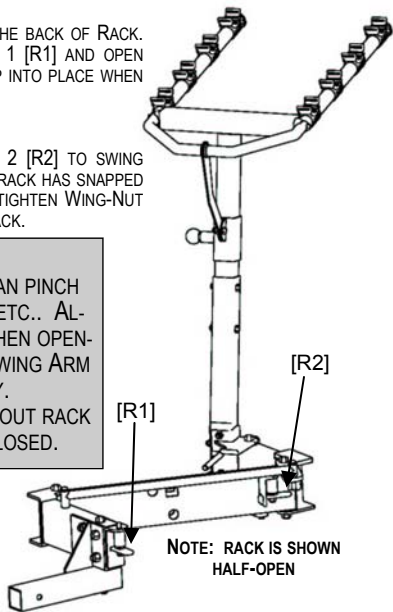
1. UNSCREW WING-NUT ON THE BACK OF RACK. DEPRESS RELEASE PEDAL 1 [R1] AND OPEN RACK. RACK SHOULD SNAP INTO PLACE WHEN COMPLETELY OPEN.

CLOSING THE RACK:

1. DEPRESS RELEASE PEDAL 2 [R2] TO SWING THE RACK CLOSED. ONCE RACK HAS SNAPPED INTO A CLOSED POSITION, TIGHTEN WING-NUT COMPLETELY TO SECURE RACK.

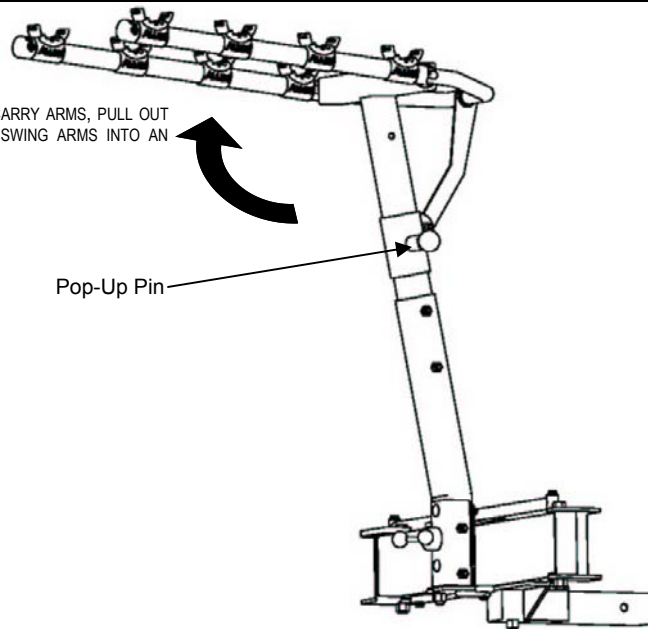
CAUTION!

1. MOVING PARTS CAN PINCH HANDS/ FINGERS, ETC.. ALWAYS USE CARE WHEN OPENING OR CLOSING SWING ARM ASSEMBLY.
2. NEVER DRIVE WITHOUT RACK COMPLETELY CLOSED.



D. FOLDING UP CARRY ARMS:

1. TO FOLD UP THE CARRY ARMS, PULL OUT POP-UP PIN AND SWING ARMS INTO AN UPRIGHT POSITION.



E. LOADING BICYCLES ONTO RACK:

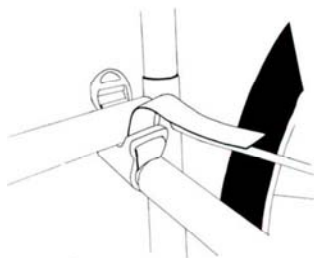
1. REMOVE ALL LOOSE ITEMS FROM BICYCLES (PUMPS, BAGS, CHILDREN'S SEATS, ETC.) AND CHECK THAT ALL QUICK-RELEASE HUBS ARE TIGHT.
2. NEVER CARRY MORE THAN 4 BICYCLES (140 # MAX.). CAR TAIL LIGHTS MUST REMAIN VISIBLE.
3. LOAD FIRST BIKE WITH ITS CHAIN AND GEARS FACING AWAY FROM THE RACK. MAKE SURE THAT BICYCLES DO NOT COME INTO CONTACT WITH THE CAR - ROTATE INSIDE PEDAL IF NECESSARY.
4. LOAD SUBSEQUENT BICYCLES IN ALTERNATING DIRECTIONS. FOR BEST WEIGHT DISTRIBUTION, LOAD HEAVIEST BICYCLE FIRST, WITH LIGHTER BICYCLES TO THE OUTSIDE. ADD PADDING BETWEEN BIKE CONTACT POINTS, IF NECESSARY.
5. AFTER BICYCLES ARE LOADED, CHECK THAT THE ENTIRE RACK IS SECURE AND THAT THE [5NWB] AND WING-NUT ARE TIGHT. MAKE SURE THAT THE RACK IS STILL FIRMLY HELD IN PLACE. VISION OUT OF THE REAR WINDOW MAY BE RESTRICTED - USE SIDE MIRRORS ACCORDINGLY, ESPECIALLY WHEN BACKING UP.

SPECIAL NOTE ON INSTALLING WOMEN'S STYLE FRAMES:

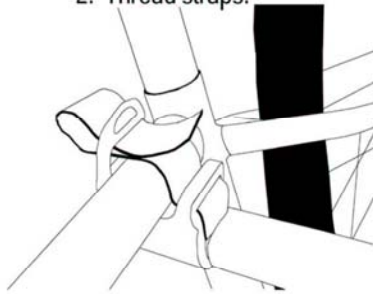
PLACE ONE CARRY ARM UNDER FRONT TOP TUBE. ON THE OPPOSITE CARRY ARM, ROTATE THE TIE-DOWN CRADLE AND PLACE THE CARRY ARM BEHIND SEAT TUBE AND BELOW REAR DOWN-STAY.

F. SECURING BIKE TO RACK:

1. Place bikes in tie-down cradles.



2. Thread straps.



3. Pull tight.



4. Use 70" Strap to secure all of the bikes together around bottom brackets.

