Genuine
AMERILINE®

HIGH PERFORMANCE JAMB-TRACK OVERHEAD GATE HARDWARE

INSTALLATION INSTRUCTIONS FOR AMERILINE JAMB TRACK HARDWARE

ALL OPENINGS ARE DIFFERENT AND HAVE THEIR OWN UNIQUE CIRCUMSTANCES.
BASIC RULES THAT APPLY FOR ALL OPENINGS ARE AS FOLLOWS:

NOTE: EXACT WEIGHT OF GATE OR DOOR MUST BE KNOWN BEFORE INSTALLATION OF AMERILINE JAMB TRACK HARDWARE: When Calculating weight of gate the weld material and paint must be taken into account to determine total weight of gate, no exceptions.
Bottom rail of gate must NOT have additional material added to it acting as a truss.

GATE OR DOOR INSTALLATION:

1. Do not exceed manufacturer width, height, weight, and clearance specifications. Do not be swayed by architects, contractors or owners who will try to convince you that they must have the gate or door exactly the way they have contracted for although it may exceed manufacturer specs. If this hardware is used for a residential application, it must be clearly understood that the tolerances for a commercial install will apply and that steel jambs should be used. SAFETY CABLES MUST BE INSTALLED FOR RESIDENTIAL USE. The door or gate must be constructed square.

2. 3"x3" square tube jambs should be used and not less than 1/8-3/16 wall material. Jambs must be plumb in both directions and square to opening. This is very critical to operation.

CORRECT **INCORRECT**

When jambs are installed plumb and square you now can set gate or door in opening and adjust your clearances as follows:
Minimum at bottom: 1"
Minimum between gate or door and jamb: ¾" per side
Minimum between gate or door and header: 1 ½", 2" 3", or 4" your decision.

3. When gate or door is set in opening and clamped in so it won't move, you are now ready to install power arms.

11693 SHELDON ST. #1 • SUN VALLEY, CA 91352 • PHONE (818) 767-0226 • FAX (818) 767-4418

HARDWARE INSTALLATION:

1. Clamp either side power arm to jamb and swing power arm in an upward position leaving clearance between lower pivot bracket and bottom of header. The clearance should be the thickness of the door plus ¼". The main angle must be flush to the face of the jamb. Once this has been accomplished you now can tack weld main angle to jamb.
2. Set power arm on opposite side. Use a TRANSIT, WATER LEVEL or LASER LEVEL to insure that the main pivot is exactly the same as the first side. DO NOT RELY ON MEASURING FROM THE FLOOR OR HEADER WITH A TAPE MEASURE.
3. Weld the 3" wheel brackets into place. Set the top of the bracket 2" down from the top of the gate or door, clamp into place and tack weld. Repeat the same procedure on the opposite side. Measure from the main pivot to the center of the 3" wheel axle to insure the exact distance on both sides. Finish welding the main angles and 3" wheel brackets. Install 3" wheels into the brackets and align the wheel on the jamb approx. 1" back from the face of the jamb. When wheels are installed into the brackets and aligned weld the wheel axle to the wheel bracket so the wheel does not float in the bracket.
4. Install the track. Take one track and set over the top of the 3" wheel with a support stand at the rear. Push the bottom of the track against the bottom of the 3" wheel and tack weld into place keeping the track square. Raise or lower the support stand so the track is level, repeat on opposite side. DO NOT SECURE BACK OF TRACK YET. Remove the support blocks and let the full weight of the gate set in the track. Realign power arms and weld lower pivot brackets to the gate or door and finish welding.
5. Weld independent kicker wheels to the jambs directly above the main angles. Measure 3" from the top of the main angle to the center of the kicker wheel axle and weld bracket into place. When bracket is welded into place install wheel into bracket and center on gate or door frame and tack weld axle so wheel won't move.
6. With kicker wheels in place, open the gate or door until the power arms are touching the kicker wheel axles and tie off gate or door so power arms continue to touch the kicker wheel axles. This will square the track. Now secure the back hang and install springs. LOWER HOLES ARE FOR LIGHTER GATES OR DOORS AND UPPER HOLES ARE FOR HEAVIER GATES OR DOORS.
7. Check entire installation for smooth operation. Check to make sure all welds are completed, and tightness of all attaching bolts.

NOTE: EXTRA HEAVY DUTY JUMBO AND SUPER JUMBO HARDWARE SETS COME WITH ADDITIONAL INSTRUCTIONS.

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ATTENTION DEALERS

IT IS THE RESPONSIBILITY OF ALL INSTALLING DEALERS TO INSURE THAT THE CONSTRUCTION OF THE GATE IS COMPATIABLE WITH THE SET OF HARDWARE BEING USED AND DOES NOT EXCEED MANUFACTURERS WEIGHT SPECIFICATIONS OR OVERALL DIMENSIONS.

INSTALLING DEALER ALSO ACKNOWLEDGES THAT HE WILL ALSO NOT MODIFY THE HARDWARE OR ANY COMPONENT PARTS OF THE HARDWARE FOR ANY REASON.

SPECIFICATIONS

	WEIGHT	WIDTH	HEIGHT
Short Set	**350lbs**	**19'**	**6'6" to 7'**
Long Set	**350lbs**	**19'**	**7' to 8'6"**
Jumbo Set	**350lbs**	**22'**	**7' to 8'6"**
Extra Heavy Jumbo	**550lbs**	**22'**	**7' to 8'6"**
Super Jumbo	**650lbs**	**22'**	**9' to 11'6"**

NOTE: THIS HARDWARE SHOULD ONLY BE INSTALLED BY LICENCED GATE CONTRACTORS AND CERTIFIED INSTALLERS ONLY. IF YOU ARE NOT A CERTIFIED INSTALLER CONTACT YOUR SUPPLIER FOR PROPER TRAINING.

INSTALLATION INSTRUCTIONS FOR AMERILINE OVERHEAD JAMB TRACK HARDWARE

Model Ameriline-1 for gates 6'6 to 7' High
Model Ameriline-2 for gates 7' to 8' High
Maximum gate weight: 300 Pounds

I) Gate size:

Measure across top and bottom of opening and use shortest distance to allow space to plumb jambs. From this measurement subtract width of both jambs plus 3/4" minimum space between gate and jambs on both sides. This will yield actual gate width.

EXAMPLE: 2" jamb + 2" jamb + 3/4" + 3/4" = 5 ½" SUBTRACTED from opening width for actual gate width.

Measure opening height at both sides and again using shortest distance subtract 2" for space under gate and subtract 4" minimum space at top of gate. This will yield actual gate height.

*Additional space may be required for electric operator installation.

II) Hardware Installation:

1. Install jambs being sure they are plumb in both directions.

2. Position gate in opening. Place shims under gate until it is correctly positioned and LEVEL across the top. Refer to diagram and chart. Measure down from top of gate and mark points A, B, and C on BOTH jambs.

3. Align BOTTOM of main pivot angle with mark "C", clamp and weld.

4. Align CENTER of kicker wheel bracket with mark "B". Clamp and weld. Center kicker wheel with side rail of gate and weld shaft to kicker bracket.

5. Align TOP of track (Flat edge up) with mark "A". Level track. Place temporary support at rear of track capable of supporting gate in open position and weld track to rear of jamb.

6. Slide track rollers with brackets into track. Clamp brackets to gate side rail and weld in place.

7. Remove shims from under gate and allow gate to hang from rollers. Keeping gate flush with jambs, weld lower pivot brackets to gate side rails. (Note: This procedure of allowing gate to hang from rollers before welding pivot brackets in place will insure a good fit between hardware and track.

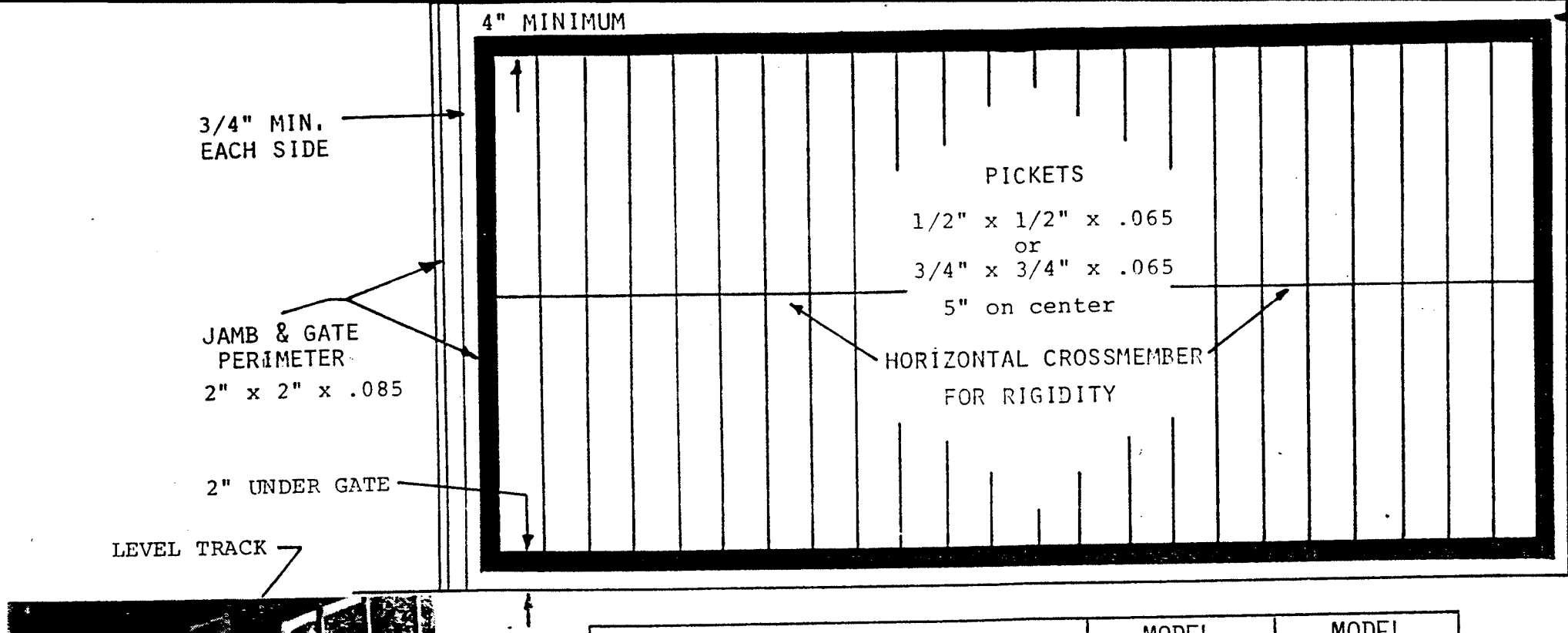
8. Raise gate to full open position. While raising gate, slip spring adjusting bolts thru hardware brackets. Securely prop Gate in open position.

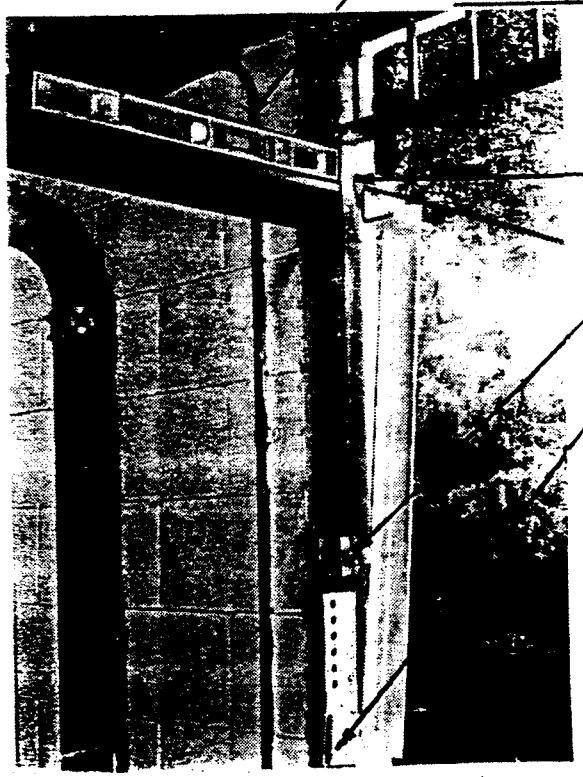
9. Adjust tracks until they are parallel with gate. Fasten securely to building structure.

10. Thread adjusting bolt into spring and bolt spring bracket to main pivot angle. Lower holes are for lighter gates and upper holes are for heavier gates. Tighten adjusting bolt until all slack is out of spring and continue to tighten six more turns.

11. Check gate for correct balance. Additional tightening of spring adjusting bolt will make gate lighter thru entire travel. The correct combination of spring bracket position and adjusting bolt position will provide a perfectly balanced gate.

12. Check entire installation fro smooth operation, proper welding, and tightness of all attaching bolts.

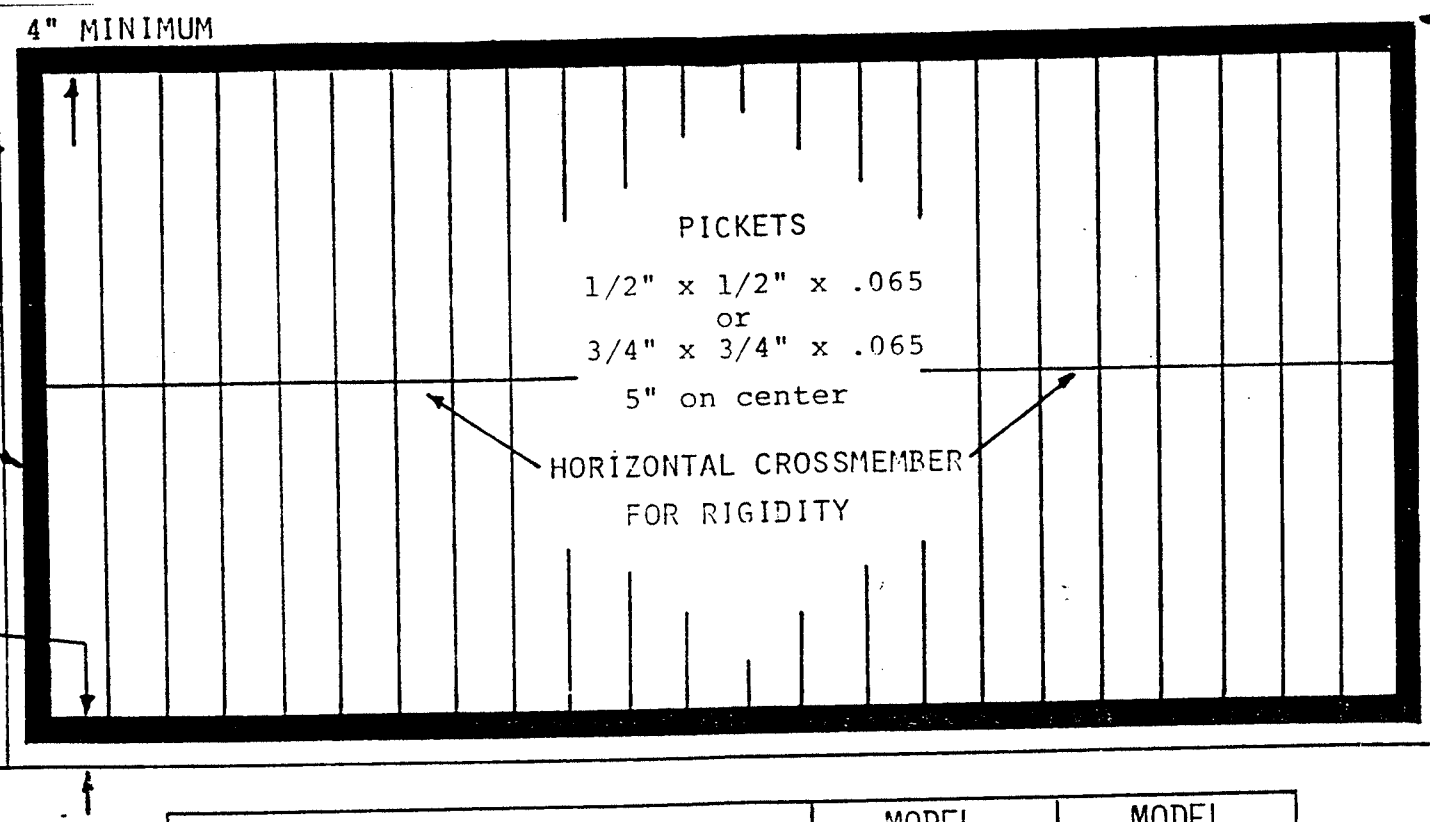


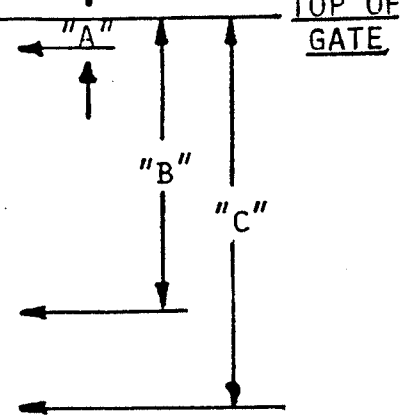


MEASURE DOWN FROM TOP OF GATE AND MARK:	MODEL # Ameriline -1	MODEL # Ameriline -2
A- TOP OF "J" TRACK	2"	2"
B- CENTERLINE OF KICKER WHEEL	27"	30"
C- BOTTOM OF MAIN PIVOT ANGLE	40"	43"

(STEP 6) SLIDE TRACK ROLLERS WITH BRACKETS INTO TRACK. CLAMP TO GATE SIDE RAIL AND WELD.

(STEP 7) REMOVE SHIMS FROM UNDER GATE AND ALLOW GATE TO HANG FROM ROLLERS. KEEPING GATE FLUSH WITH JAMBS, WELD LOWER PIVOT BRACKET TO GATE SIDE RAIL.





REFER TO CHART &
MARK JAMB AT POINT
A, B, AND C

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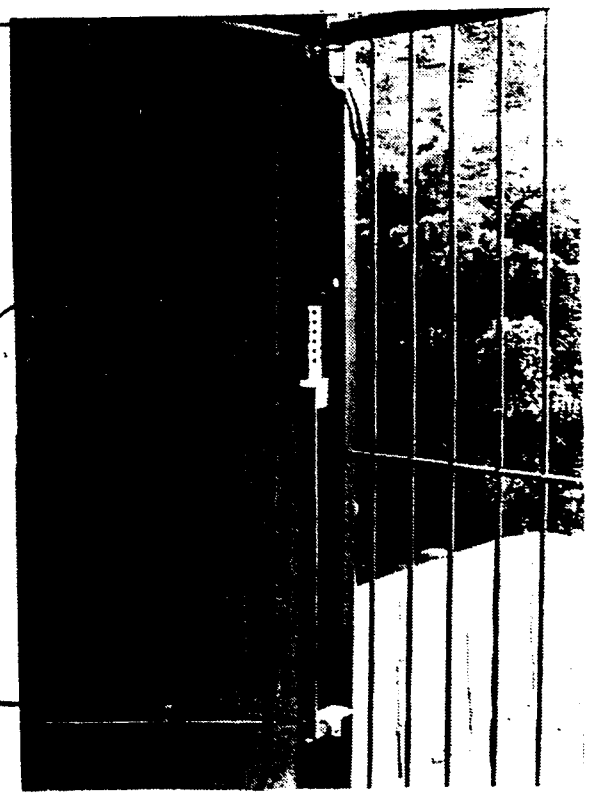

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