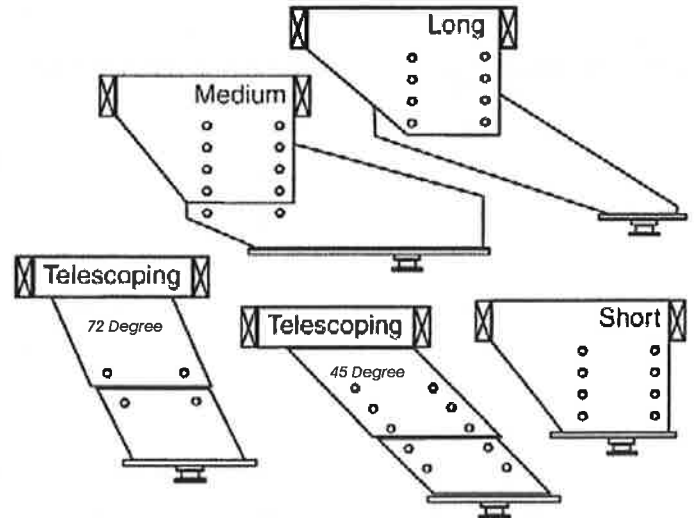


Standard Pin Box Measurement Guide

5th Wheel Pin Box Identification...

- Look on the pin box for identification of the pin box manufacturer. Atwood, Fabex, Lippert, Leland, RBW, Venture, Youngs Welding, etc...
- Locate the model number. The number will be from three to seven digits, and can be alpha-numeric. Example Fabex mdl 520.
- If a pin box manufacturer name or model number can not be located, get the last six digits of the Trailair 5th wheel serial number, call the coach manufacture and ask them what make and model pin box was installed on the coach.
- If you can not acquire the information using the above mentioned methods get the following measurements and a Trailair representative will help determine which pin box will fit your coach.

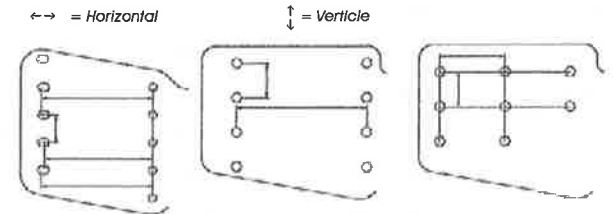
#1 Basic Pin Box Styles



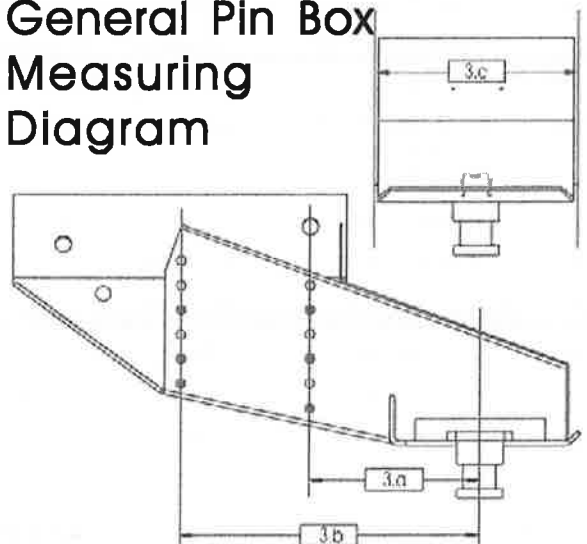
5th Wheel Measurement...

- Which pin box style is on the coach?
 _____ PB Style Long Medium Telescoping Short
 _____ Degree Degree 34 / 45 / 72
- Measure the distance between the bolt holes. Note that bolt hole patterns vary and may have two or three rows of bolts.
 - Horizontal distance between rows of bolts, measure from center to center of bolt hole.
 - Vertical distance from center bolt hole to center of bolt.
 - If there are three rows of bolts, measure horizontally bolt hole center to bolt hole center.
 - Bolt size?
 - Bolt head size?
 - How many bolts per side?
- Measure from the center of the front row of bolts forward in a horizontal plane, to the center of the king pin. The telescoping and short style pin box king pins may be located behind the front row of bolts. If the rows of bolts are angled, use the center line of the lowest front bolt to measure to the center of the king pin in the retracted position.
 - Measure from the center of the back row of bolts forward in a horizontal plane, to the center of the king pin.
 - Measure the width of the pin box, (not the mounting wings or shroud).
- Use the most recent version of the Trailair Pin Box Measuring Chart to identify the Trailair Part number which replaces the OEM pin box you have now identified to be on your 5th wheel.

#2 Bolt Hole Patterns



#3 General Pin Box Measuring Diagram



Standard Pin Box Measurement Chart

Measurement Guide Questions #→		1	2a	2b	2c	2d	2e	2f	3a	3b	3c
Trailair Number	Replaces OEM	Style	Horz. Dist.	Vert. Dist.	Center Dist.	Bolt Size	Bolt Head Size	Bolt Qty per side	Front row to KP	Back row to KP	Pin Box Width
L02	Fabex 665, M&M 665	Long	7 5/8, 7 7/8	2	N/A	1/2	3/4	4	18 3/4	26 3/8	12"
L03	Venture CJ20515...17	Long	8	1 1/2	N/A	1/2	3/4	6	18 1/2	26 1/2	12"
L03	Steelco/Davis PB02, PB02W	Long	8	1 1/2	N/A	1/2	3/4	6	18 1/2	26 1/2	12"
L04	Fabex 765	Long	9 1/2	2	4.75	5/8	15/16	3	21 1/2	31	12 1/2"
L04	Fabex 770	Long	9 1/2	2	4.75	5/8	15/16	3	18 1/2	25.5	12 1/2"
L04	RBW 7028	Long	9 1/2	2 1/2	N/A	5/8	15/16	2	20	29 1/2	12 1/2"
L05	Lippert 1621	Long	7 7/8	2	N/A	5/8	15/16	6	17 3/4	25 5/8	12"
L06	Fabex 500	Long	9 1/2	2 1/2	N/A	5/8	15/16	2	20	29 1/2	12 1/2"
L06	Fabex 503	Long	9 1/2	2 1/2	N/A	5/8	15/16	2	18	27 1/2	12 1/2"
L07	Lippert 1716	Long	8 3/4	2 1/2	4 3/8	5/8	15/16	9	20 3/8	29 1/8	12 1/2"
L08	Leland 7920	Long	7	1 1/2	N/A	1/2	3/4	6	18	25	14"
L09	Youngs Welding	Long	9	3	N/A	3/4	1 1/8	4	20	29	12"
M14	Fabex 730	Medium	9 1/2	2 1/2	4.75	5/8	15/16	3	10 1/2	20	12 1/2"
M14	RBW 7019	Medium	9 1/2	2	N/A	5/8	15/16	2	13	22 1/2	12 1/2"
M15	Lippert 0719	Medium	7 7/8	2	N/A	5/8	15/16	6	9	16 7/8	12"
M16	Fabex 520	Medium	9 1/2	2 1/2	N/A	5/8	15/16	2	13 1/2	23	12 1/2"
M16	Fabex 530	Medium	9 1/2	2 1/2	N/A	5/8	15/16	2	11	20 1/2	12 1/2"
M17	Leland 7910	Medium	7	1 1/2	N/A	1/2	3/4	6	9	16	14"
M18	Youngs Welding	Medium	9	3	N/A	3/4	1 1/8	4	8	17	12"
M19	Lippert 1116	Medium	8 3/4	2 1/2	4 3/8	5/8	15/16	9	14 5/8	22 3/8	12 1/2"
M22	Fabex 663, M&M 663	Medium	7 5/8, 7 7/8	2	N/A	1/2	3/4	6	9 1/2	17 1/8	12"
M23	Venture C.J13515...17	Medium	8	1 1/2	N/A	1/2	3/4	6	9 3/4	17 3/4	12"
M23	Steelco/Davis PB01	Medium	8	1 1/2	N/A	1/2	3/4	6	9 3/4	17 3/4	12"
10027	Fabex 315	Tele. 45 deg.	7 1/8	2 1/8	N/A	5/8	15/16	5 Retracted	0	+10 3/4	9"
10034	Fabex 300, 314, 316, Lippert 0516, RBW 7027	Tele. 45 deg.	7 1/8	2 1/8	N/A	1/2 or 5/8	3/4 or 15/16	5 Retracted	0	+10 3/4	8"
T30	Atwood AB-72	Tele. 72 deg.	7 7/8	2	N/A	1/2	3/4	4 Retracted	-1	+6 7/8	12"
T36	RBW 7016-2P	Tele. 72 deg.	7 1/4	2	N/A	3/4	1 1/8	2 Retracted	-1	+6 1/4	12"
10037	Youngs Welding 8x8 Slant	Tele. 45 deg.	9	1 1/2	N/A	5/8	15/16	4 Retracted	0	9	8"
M16*	Fabex 560	Short	9 1/2	2 1/2	N/A	5/8	15/16	2	+1 1/2	+11	12 1/2"
M19*	Lippert 0115	Short	8 3/4	2 1/2	N/A	5/8	15/16	9	+1 1/2	+10 1/6	12 1/2"
M23*	Venture	Short	8	1 1/2	N/A	1/2	3/4	6	-4	+4	12"

NOTE:*Extending the king pin more than 6" may add leverage to the frame of the coach and cause damage. Check with the Manufacturer of the coach to ensure you are within the parameters of the warranty on your coach before extending the pin box more than this amount.