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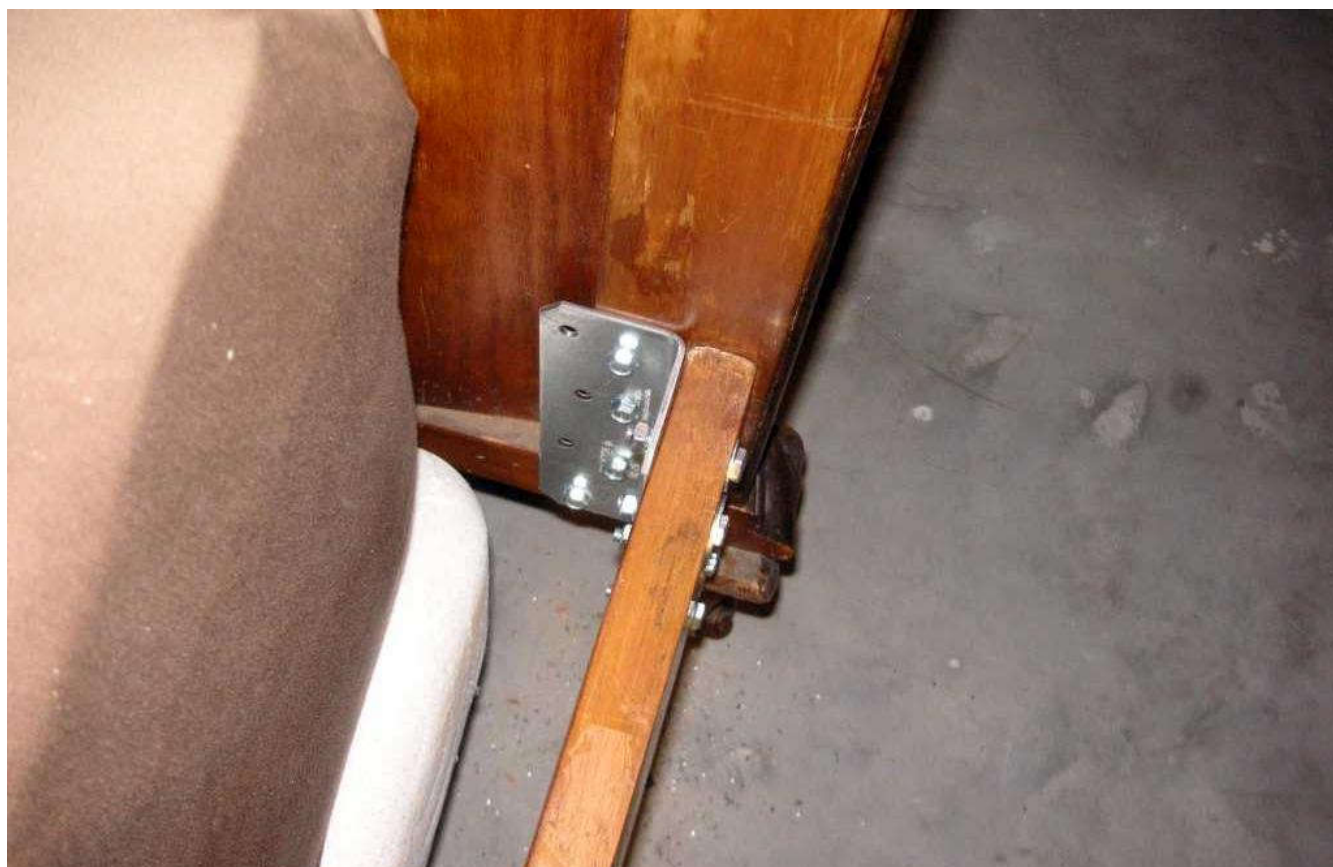
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Sunday, Feb 22, 2015

—*RAKO STUDIOS*—

Bed frame fix

Nothing worse than a rickety bed frame that attaches a headboard and footboard.

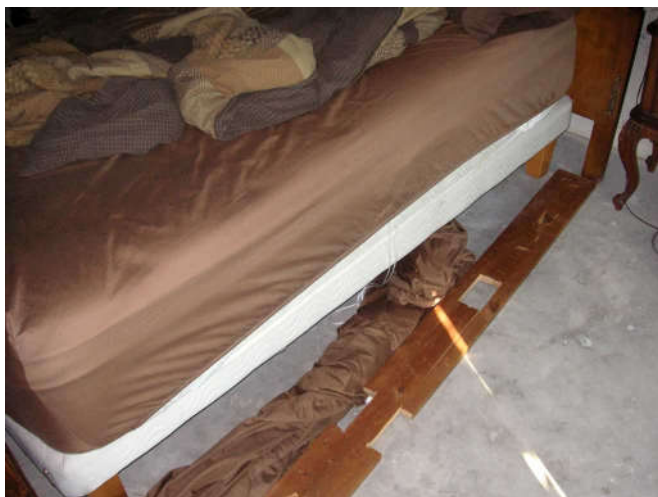


I got this bed frame on eBay as a European antique. I doubt it is that old, but it came with the set, an armoire, dresser, vanity, and two end-tables.

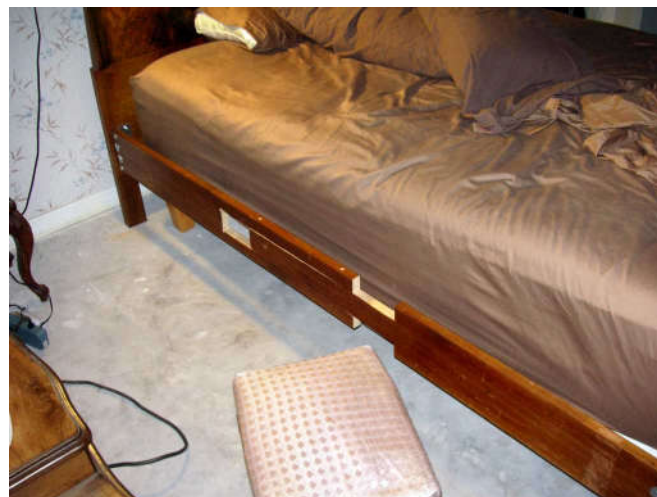
In my old house, *The Domicile of the Future*, the bed was pretty stable, since I could shove the headboard against the wall. No so here at *Tranquility Base* here in Florida. The wall behind the headboard is shared with the neighbor's unit, its a duplex.

So without the stability provided by the headboard pushed against the wall, the bed was pretty rickety. I would not feel secure leaning against the headboard while I read in bed.

I needed a radical solution, that would add as much structure as possible. I decided to add these heavy L-brackets to the corners. On the footboard shown above, I used hex wood screws so it would not show on the outside.



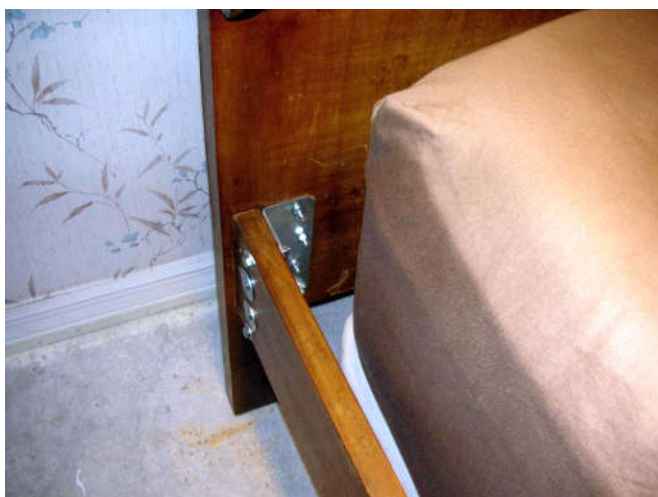
That is a American Queen-sized bed but the frame I got from Europe via eBay. So I took the sides and made a tongue with a jigsaw. That way I can extend the length of the frame. The frame does not support the bed, you can see the little legs under the box spring, another "Euro" type setup.



Here is the frame secured with the L-brackets. Its rock solid.

887480064310 SHEET SCREW <A>	
SHEET MTL SCR PN HD PH ZINC #10X3/4"	
300.98	2.94
044315435607 GJSSET ANGLE <A>	
GA2 3 1/4" X 1 1/4" GJSSET ANGLE	
400.74	2.96

I bought these wimpy brackets and screws and returned them when it was obvious they were not going to be stiff enough.



The headboard was where I wanted the strongest structure. Thankfully, the headboard was where I could use through-bolts. Here you can see eight 1/4-20 bolts securing the L-bracket. I intended to have fender washers under all the bolt heads, but I am unable to count past the number of fingers I have. You can see the washers pulling in from crushing.

837430130518 SHEET SCREW <A>	
SHEE MTL SCR -M HD SDRL ZN 14X1-1/4	
300.98	2.94
837430023046 COMBO PACK <A>	2.46
1/4" CUT WASHER (25) PACK BAG	
837430023442 COMBO PACK <A>	1.47
1/4" HEX NUT (25) PACK BAG	
030699304219 SHEET SCREW <A>	0.98
SHEET MTL SCR -M HD SDRL ZN 14X1-1/4	
707392334408 ML26Z <A>	
ML26Z 2"X5" 12GA ZMAX MEDIUM L-ANGLE	
402.53	10.12
837430043008 LOCKWASHER <A>	11.67
LOCKWASHER MED SPLIT 1/4 ZINC	
AJC FENDER WASHR <A>	
FENDER WASHER 1/4 ZINC	
1590.12	1.92
AJD 1/4 X11/2HBLT <A>	
HEX BOLT 1/4X1-1/2	
1500.17	2.72
AJD 1/4 X2-EXBOLT <A>	
HEX BOLTS 1/4X2	
800.15	1.44

This the Home Depot receipt with the strong L-brackets, screws and bolts.