

RENNSTAND®

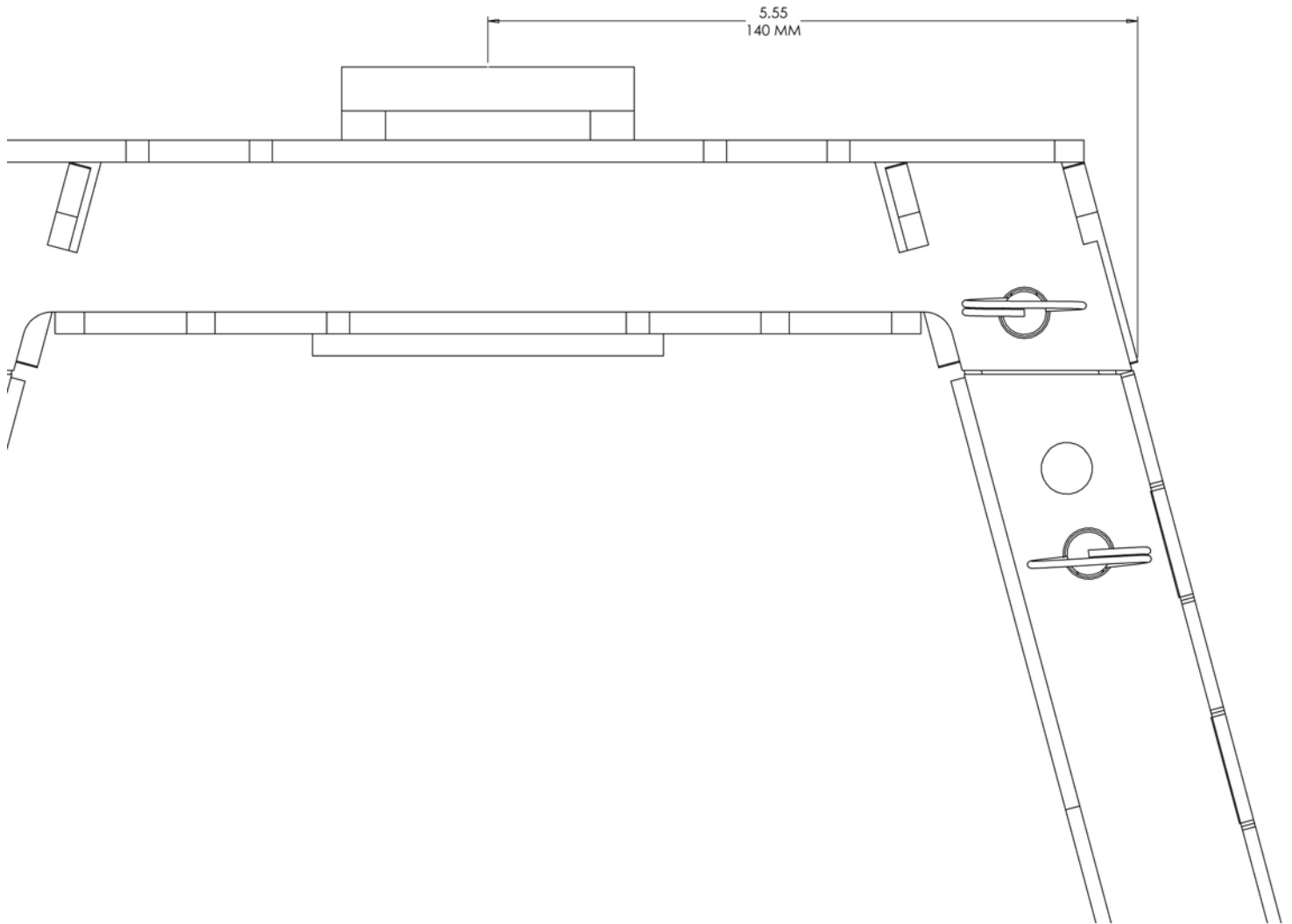
U.S. Patent Protected
US 9080722 B2
US 9335001 B1
US 9573796 B1
US 10894531 B1

RennStand Manufacturing, LLC
sales@rennstand.com
rennstand.com
(888) 844-7734
Last Updated: 5/26/2022



RennStand Instruction Manual


Fitment Illustration 1





WARNING: Study, understand, and follow all instructions provided on and with this product and the jack it is used with. Support device only. Consult vehicle manual for designated areas for lifting and supporting the vehicle. Do not exceed rated capacity of **3 tons per stand (6000 lbs.)**. Failure to heed these markings may result in property damage, bodily injury or death.





WARNING Do not allow anyone in or near the vehicle while using the jack. Sudden movement and weight shift can result in instability. Keep all personnel a safe distance away from the vehicle.


 **WARNING:** Do not attempt to lift the vehicle on a side or longitudinal slope. The vehicle can slide or roll causing severe injury or death.

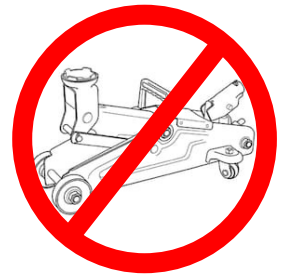
 **WARNING:** Before lifting, place the vehicle's transmission in "PARK" for automatic transmissions and Low Gear (1st gear) for manual transmissions. Set the vehicles emergency brake. Block the wheel diagonal to the wheel that is being lifted, with wheel chocks. Failure to follow this instruction can result in severe injury or death to personnel.

 **WARNING:** Use only on a clean, hard, level, smooth surface.
WARNING: If vehicle is pushed off of the RennStand, discard the stand. Do not reuse.

 **WARNING:** Inspect each RennStand between use. If damaged, do not reuse, and contact RennStand Manufacturing immediately.

 **WARNING:** Use the correct jack pad for the vehicle. Failure to follow product instructions can result in damage to the vehicle or severe injury or death.

 **WARNING:** Use only floor jacks having a flat saddle with diameter of 3 inches or larger. **DO NOT USE WITH TROLLEY JACK OR FLOOR JACK WITH SADDLE OF LESS THAN 3" DIAMETER.**



Placing the RennStand

1. Ensure that the floor under and around your vehicle is solid, level, smooth and free of debris, tools, etc., including the area underneath the vehicle's jacking points where you intend to place your RennStand.
2. Ensure that you have 5.5 inches, 14 cm, or 140 mm of clearance from the center of jack point to nearest obstruction.



Placing the RennStand

3. Determine which adapter you will need by visually inspecting your vehicle's jacking points, and then connect the appropriate adapter by inserting its peg into the receptacle hole in the top center of the center section, making sure that the adapter seats flush to the center section shown in Fig.1 and Fig. 1a

***Specialty adapters are available for many vehicles visit rennstand.com.**

If the ends of the center section contact the vehicle, a single 2 inch diameter spacer (supplied **Fig. 1b**) can be added between the lift pad and the center section of the RennStand.

Do not use more than one spacer!



Fig. 1



Fig. 1a



Fig. 1b

4. For Floor Jacks - Seat RennStand's center section within the recess of the jack saddle, and position the center section perpendicular to the jack as shown in **Fig. 2a** The circular portion of the center section must fit inside the saddle of the floor jack for stability. A flat saddle of at least 3 inches in diameter must be used.

Floor Jack Fitment



Fig. 2a

Placing the RennStand

5. Roll your hydraulic jack perpendicularly under your vehicle, positioning Rennstand's jack pad directly under your vehicle's jacking point and slowly raise the jack arm while adjusting the jacks position to ensure the jack pad aligns with and engages the jacking point. **Fig. 3**



Fig. 3

6. Continue to raise the jack arm until the jack pad is securely seated to your vehicle's jack point, then lift to desired height. During the lifting process, ensure that only the adapter contacts the jack point.

7. Insert the UPPER LEGS into the LEG BASES as shown in **Fig. 4** and pin in place with 3/8 inch quick release pin at the desired height. Make sure that both sides are set to equal heights.



Fig. 4

Placing the RennStand Cont'd

8. Insert the legs into both sides of center Section and secure with 3/8 inch quick release pins as shown in **Fig. 5**, then slowly lower the jack arm and remove jack.


*The jack arm must be lowered slowly to allow the RennStand to gently settle onto the ground. Allowing the RennStand to slam against the ground could result in damage to the stand and compromise its ability to safely support the vehicle.



Fig. 5

Changing RennStand's Height

1. Place jack saddle under the center section of the RennStand and make sure that the center section is fully engaged by the jack saddle.
2. Raise the jack to the desired height.
3. Remove the 3/8 pins holding the upper legs to the leg bases and adjust the length of the leg assemblies equally. Insert the 3/8 pins. Lower and remove jack.

 When using the RennStand on all 4 jack points to lift the entire vehicle, it is extremely important to watch the jack point you are raising or lowering AND all other jack points consistently. Raising the RennStand to maximum height while 2 or more points are being supported may need to be done incrementally and in multiple rounds to avoid horizontal stress on the vehicle and to ensure proper placement of the RennStand.

Removing RennStand

1. Reengage jack saddle with center section, visually confirming that the base of the center section is fully seated within the recess of the jack saddle.
2. Lift the jack arm until Rennstand's bases are off the ground.
3. After first making sure that the jack is locked and the handle is in the upright position, remove the 3/8 pins connecting the leg assemblies to the center section, and then remove the leg assemblies. Lower and remove jack.

Specifications

Max Load 3 TONS (6000 lbs.)

Minimum Assembled Height: 11.5 inches

Maximum Extended Height: 16.50 inches



RennStand Jack Pad Adapters & Specialty Pads

RENNSTAND JACK STAND PADS

ADDITIONAL PADS ARE PURCHASED SEPARATELY

RENNSTAND JACK PADS:

VEHICLE MODEL	Description	Mfg. PN	Model Number	
N/A	Universal Pinch Weld Pad – Works for most applications where the jack point is the pinch weld . 2.5”L X 2”W – slot .5”D X.5”W inches	18116	18M-P04	 18M-P04
N/A	Crown Pad – Works as a universal type pad for lifting at an axle or frame rail. 4” X 4” inches	18115	18M-P05	 18M-P05
N/A	Flat Pad - 4” X 4” inches square	18117	18M-P06	 18M-P06
N/A	Frame Pad - 1.5”W X 3”L	18118	18M-P07	 18M-P07
PORSCHE & TESLA	Porsche models - 2.5” L X 2.5”W, 964, 991, 996,989, 997, 987,981, 911, 944 (Not the Macan) TESLA S, X Models and Type 3– 2.5”W X 2.5”L	18127	18M-P08	 18M-P08

RennStand Jack Pad Adapters & Specialty Pads

RENNSTAND JACK STAND PADS

ALL ADDITIONAL PADS ARE \$23 EACH

RENNSTAND JACK PADS:

VEHICLE MODEL	Description	Mfg. PN	Model Number	
BMW	BMW - 2.5" L X 2" W, Mini, E38, E39, E46, E52, E53, E60, E61, E63, E64, E65, E66, E70, E71, E82, E83, E88, E90, E91, E92, E93, F01, F02, F07, F10, F12, F13, F22, F23, F30, F31, F32, F33, F34, F36, F80, F82, F83, F87, 101, Z3, Z4	18121	18M-P10	
MERCEDES	Mercedes Benz - All 2000 to Present .			18M-P10
AUDI	AUDI - 2.5" W X 2.5" L, A3, B5, TT MK1, TT MKII, TTS.	18119	18M-P11	
VOLKSWAGON	Volkswagen - 2.5" W X 2.5" L, 337/20AE, CC, Golf, Jetta, New Beetle, Passat, R32 MK IV, R32 MKV			18M-P11
MAZDA	Mazda - 2.5" L X 2.5" W, Mazda 6, MX-5, MX-6, CX-3 CX-5, CX-9, RX-4, RX-7 Tribute, Miata, Portege, 626	18125	18M-P12	
PORSCHE	Porsche Macan Series 2014 and up models. Porsche 958 Cayenne 2011 and up models	18128	18M-P13	
FORD	FORD - For use on most Ford models	18123	18M-P14	
HONDA	HONDA - 2.5" L X 2.5" W slot .4" W X .6" D -2005 CR-V, 2006 – Pilot, 2007 – Odyssey, Civic, 2008 - 2016 Odyssey, Pilot, Accord, Civic, CR-V			18M-P14

RennStand Jack Pad Adapters & Specialty Pads

RENNSTAND JACK STAND PADS

ALL ADDITIONAL PADS ARE \$23 EACH

RENNSTAND JACK PADS:

VEHICLE MODEL	Description	Mfg. PN	Model Number	
DODGE	CHALLENGER, CHARGER, SHELBY	18122	18M-P15	 <p>18M-P15</p>
AUDI	AUDI—R8, TT	18120	18M-P16	 <p>18M-P16</p>
AUDI	AUDI—S1	18131	18M-P17	 <p>18M-P17</p>
CORVETTE	CORVETTE—1997-2018 Corvette Jack Pad (C5, C6, C7)	18132	18M-P18	 <p>18M-P18</p>
NISSAN TOYOTA SUBARU	NISSAN / TOYOTA / SUBARU	18134	18M-P19	 <p>18M-P19</p>
AUDI	AUDI—S4	18131	18M-P09	 <p>18M-P09</p>

RennStand Jack Pad Adapters & Specialty Pads

RENNSTAND JACK STAND PADS

ALL ADDITIONAL PADS ARE \$23 EACH

RENNSTAND JACK PADS:

VEHICLE MODEL	Description	Mfg. PN	Model Number	
MERCEDES	MERCEDES—SL500	18133	18M-P20	 18M-P20
SUBARU DODGE	SUBARU DODGE—Grand Caravan	13135	18M-P21	 18M-P21
VOLVO	VOLVO—XC90	18136	18M-P22	 18M-P22
RENAULT	RENAULT MKIII	18137	18M-P23	 18M-P23

*We are always adding new pads for more Makes/Models.
Please give us a call if you are unable to find the specific pad
you are looking for!*

RENNSTAND®



RennStand Manufacturing
PO Box 216
Ocala, FL 34478 USA
Phone: +1 (888) 844-7734
Fax: +1 (888)786-9664
www.rennstand.com
sales@rennstand.com