

Sport Jack RR

Instruction manual



[IM]-PKM-SPORT-JACK-RR-ENG

01/04/2025

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Chapt I : **Presentation**

1. Specifications

PKM Sport Jack Rallye Raid is designed for easily lift Rallye Raid cars, particularly UTV's, out of assistance park for a reliable and quick wheel change.

Manufactured in lightweight materials, the on-board additional weight is strictly limited.

Stroke (mm)	320
Max Load (kg)	700
Lifting Speed	11 back and forth
Weight (kg)	4.6
Pin diameter (mm)	20
Pin length (mm)	245
Pin higher range (mm)	From 105 to 855 mm (with stroke)
Releasing button	Screw system, adjustable bleed
Automatic releasing time	2s for 320 mm
Occupied volume dimensions (mm)	765 x 114 x 126

High grip alloy pad



2. Additional feature

a. Automatic release

By the way of unscrewing the releasing button, the jack retracts its rod automatically and doesn't let any free stroke after use. You will not lose any time by pushing back the rod to the tube after use.

3. Quality

The Sport Jack RR is fully assembled by hands in our factory in France.

All the jacks are tested and approved at PKM Consulting factory before shipment. We load the jack under a metal frame with a scale on the floor and test if they keep the load after 15min.



Chapt II : Pressure check prodecure

- Block the tube end with 16 mm spanner and unscrew the foot screw.



- Put the foot off, unscrew the Torx screw in the tube (don't lose the O-ring).



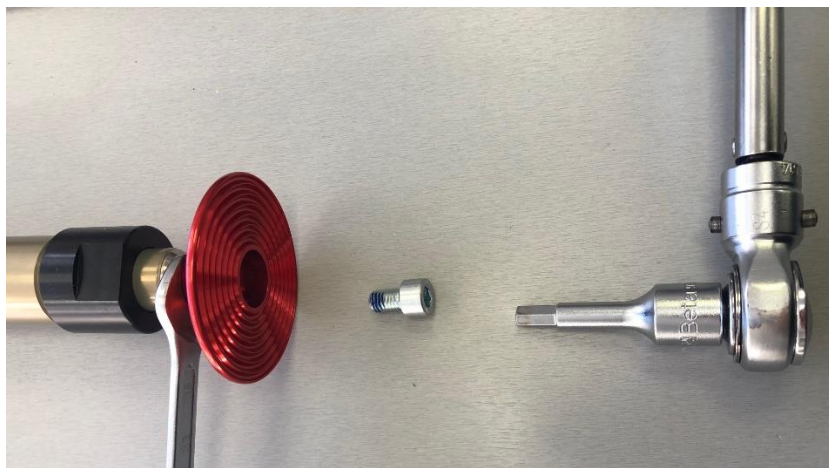
- With OT-AIG-001-A and a high-pressure air pump, prick the membrane.



- Check the pressure on the manometer. If the value is less than 20 bars, re-inflate the jack.
- Put the inflating tool off, fit the Torx screw (don't forget the O-ring).



- Install the foot and screw it (Loctite 243 + Torque 20 N.m).



Recommendation: if you need to re-inflate the jack once, please re-control it once again. If you observe a lack of air a second time, please contact PKM Consulting.

Chapt III : **Services**

For the best performances and reliability:

- Complete service: each 2 years
- Gas pressure control (min. 20 bar): every 6 months

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Chapt IV : **Versioning**

REV	NAME	DATE	CHANGES
A	KOLLEN	01/04/25	Creation

