



Mk2 Rotating Packer Actuator (Stomper)

Weatherford's Mk2 rotating packer actuator (RPA)—also known as a stomper—allows weight to be transmitted through the polished bore receptacle (PBR) to set an integral liner-top packer. A bearing in the Mk2 RPA allows use of rotation when transmitting weight to set the liner-top packer.

The Mk2 RPA is run as part of the liner running tool assembly. Spring-loaded dogs are collapsed until raised above the PBR. When exposed above the PBR, the dogs are forced outward and will not re-enter the PBR. Weight set down on the running string at this point transfers to the PBR through the Mk2 RPA to set the liner-top packer.

Applications

- Any liners that use a top-set liner-top packer (TSP4, TSP5, or CTSP4)
- Tie-back packers that use a TSP4, TSP5, or CTSP4 liner-top packer

Features, Advantages and Benefits

- Spring-loaded dogs form a no-go that will not re-enter the PBR and cannot be retracted when slacking down weight on the tool, ensuring that weight can always be applied to the PBR to set the liner-top packer.
- Axial thrust bearing allows rotation of the drillpipe as set-down weight is applied, aiding in the transfer of the setting forces required for setting a liner-top packer.
- Brass screws in the dogs prevent damage to the PBR when raising the Mk2 RPA, before it is exposed above the PBR.

Specifications

- Contact an authorized Weatherford representative.

