

**ENVENTURE®****EN-Force™** EXPANDABLE LINER HANGER

LINER HANGERS... SIMPLIFIED

No Presets.

No Pre-releases.

No Compromise.

Built on **over 25 years of industry experience** in solid expandable technology, the EN-Force Liner Hanger brings a completely different approach to deployment. With a focus on **simplicity and reliability**, the EN-Force eliminates the common risks associated with traditional systems such as premature setting and releasing. Additionally, redundancy features as well as a high torque design means **you no longer need to compromise** your well design when selecting a liner hanger system.

Learn more



enventuregt.com

Features and Benefits

- No moving parts provides improved reliability
- Integrated hanger/packer/tieback receptacle delivers higher collapse rating
- High-torque capability supports demanding operations
- API 19LH qualified ensures high performance
- Redundant sealing elements enhance well integrity
- Redundant setting and release mechanisms increase operational reliability
- Slim OD reduces ECD effects

Operational Sequence

1. Run-In Hole:

- Run the EN-Force Liner Hanger System, including the setting tools and liner, to total depth (TD).

2. Cementing – Lead Dart:

- Drop the lead drill pipe wiper dart, then pump cement.
- Once the dart lands, apply pressure to shear the liner wiper plug.
- The plug will land in the landing collar at the bottom of the liner. Continue pumping cement to the required volume.

3. Cement Displacement – Follow Dart:

- Drop the follow drill pipe wiper dart, then pump drilling mud.
- When the second dart lands, pressure up to shear the follow liner wiper plug.
- Continue pumping mud until the second plug lands in the landing collar.

4. Liner Hanger Setting:

- Build pressure between the landing collar and the running tool.
- The pressure forces the cone upward, expanding the liner hanger, compressing the rubber elements, and setting the metal-to-metal seals into the base casing.

5. Retrieve Setting Tool:

- Pressure will drop once the setting tool exits the top of the liner hanger.
- Retrieve the setting tool.

6. Operation is Complete:

- Proceed with the next stage of wellbore operations.



Liner Size	Base Casing	Burst (psi)	Collapse (psi)	Hanging Capacity (lbs)	Torque (ft-lbs)
4"	5-1/2"	17,400	13,400	385,000	6,000
4-1/2" or 5"	7"	15,900	12,400	570,000	20,000
5-1/2"	7"	10,360	6,960	570,000	15,000
7" or 7-5/8"	9-5/8"	18,400	14,000	873,000	50,000
8-5/8"	10-3/4"	7,800	5,500	592,000	42,500
9-5/8"	13-3/8"	18,200	15,000	1,250,000	75,000