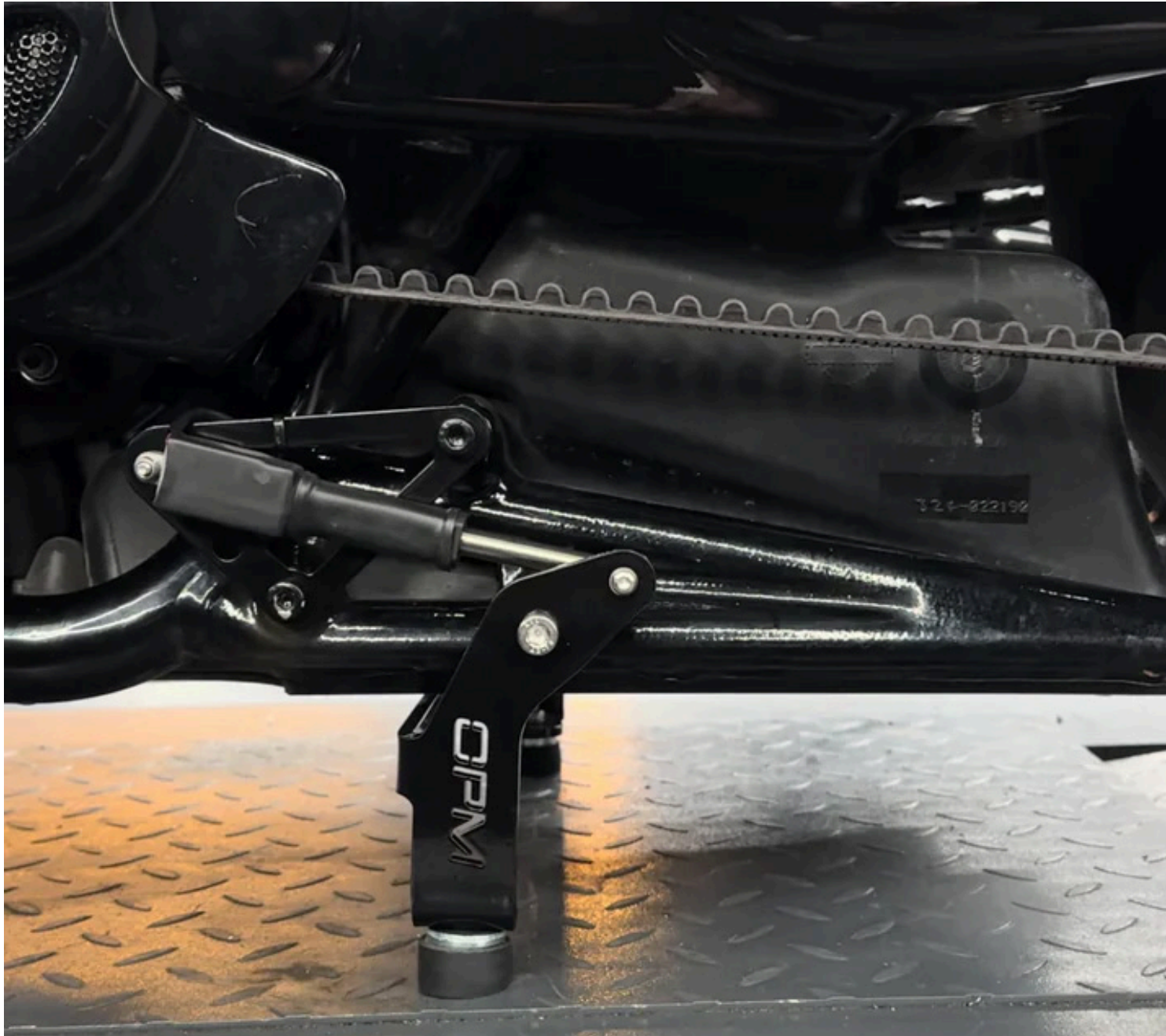


OPM AIR-POWERED V-ROD CENTER STAND



01

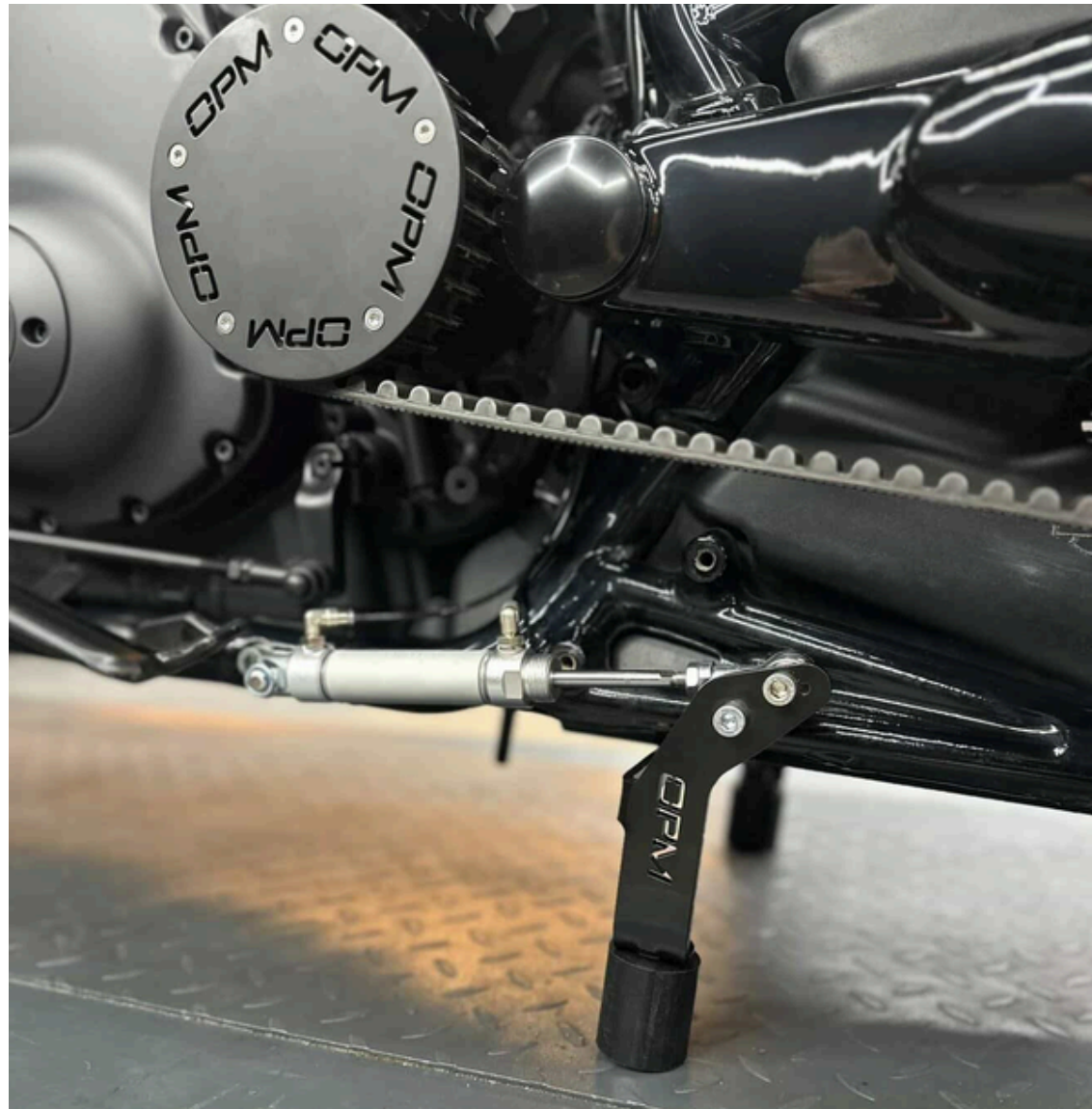
Position the Mounting Bracket



- Locate the lower frame section beneath the engine
 - Install the main bracket crossbar
 - Secure using supplied hardware
- Make sure:
- It sits centered
 - Clears belt, exhaust, and frame components

02

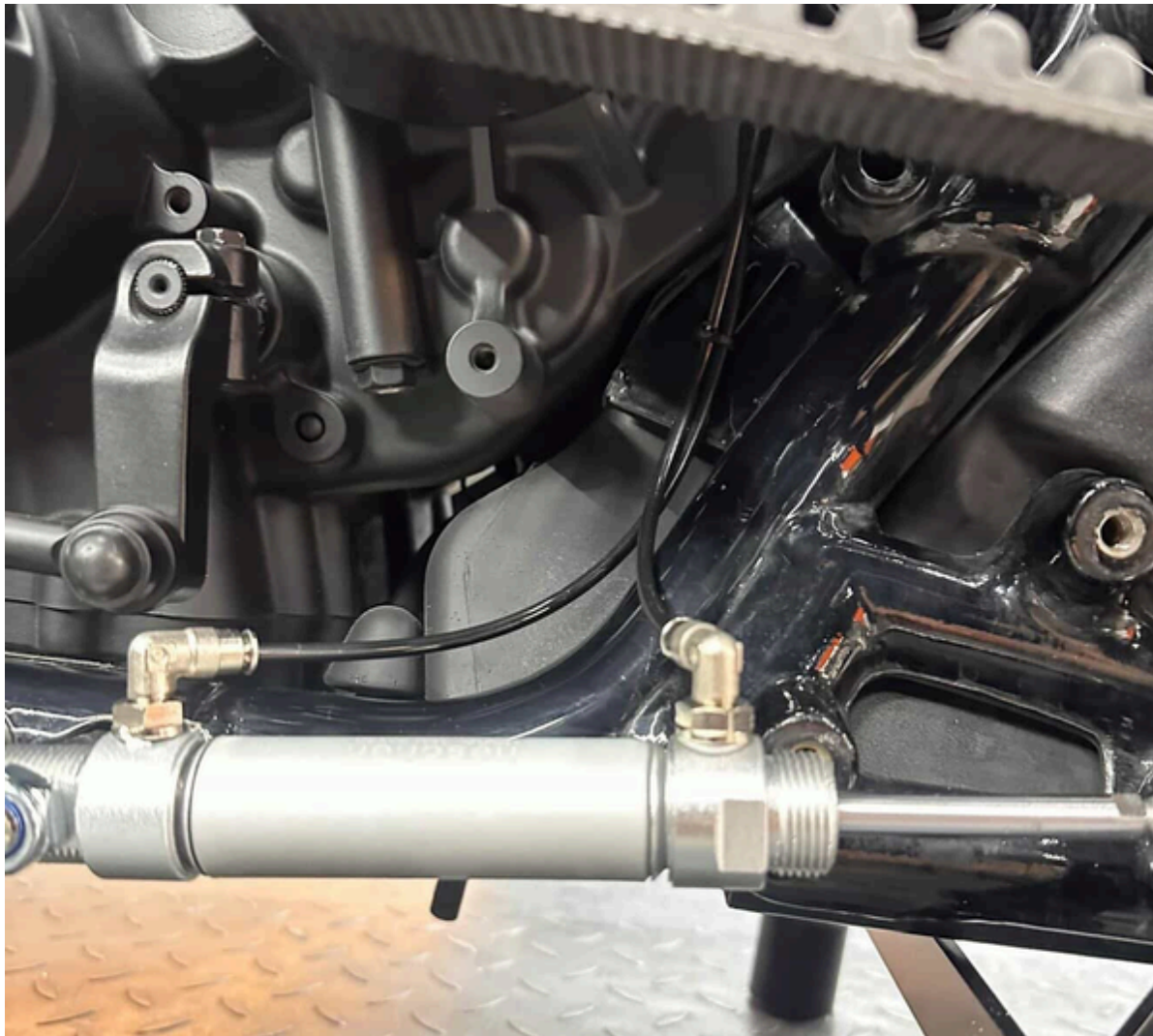
Install the Center Stand Arm



- Attach the stand arm to the bracket pivot point
- Ensure smooth rotation
- Test:
- Manually swing stand up/down
- Confirm no binding

03

Mount the Air Cylinder



- Attach cylinder between:
- Frame bracket
- Stand linkage arm
- Use supplied rod ends and bolts
- Important:
- Cylinder should sit inline with the motion of the stand
- No side loading or twisting

04

Connect Linkage



- Connect the cylinder rod to the stand arm
- Adjust length if needed so:
 - Stand fully down = stable contact with ground
 - Stand fully up = tucked cleanly under bike

05

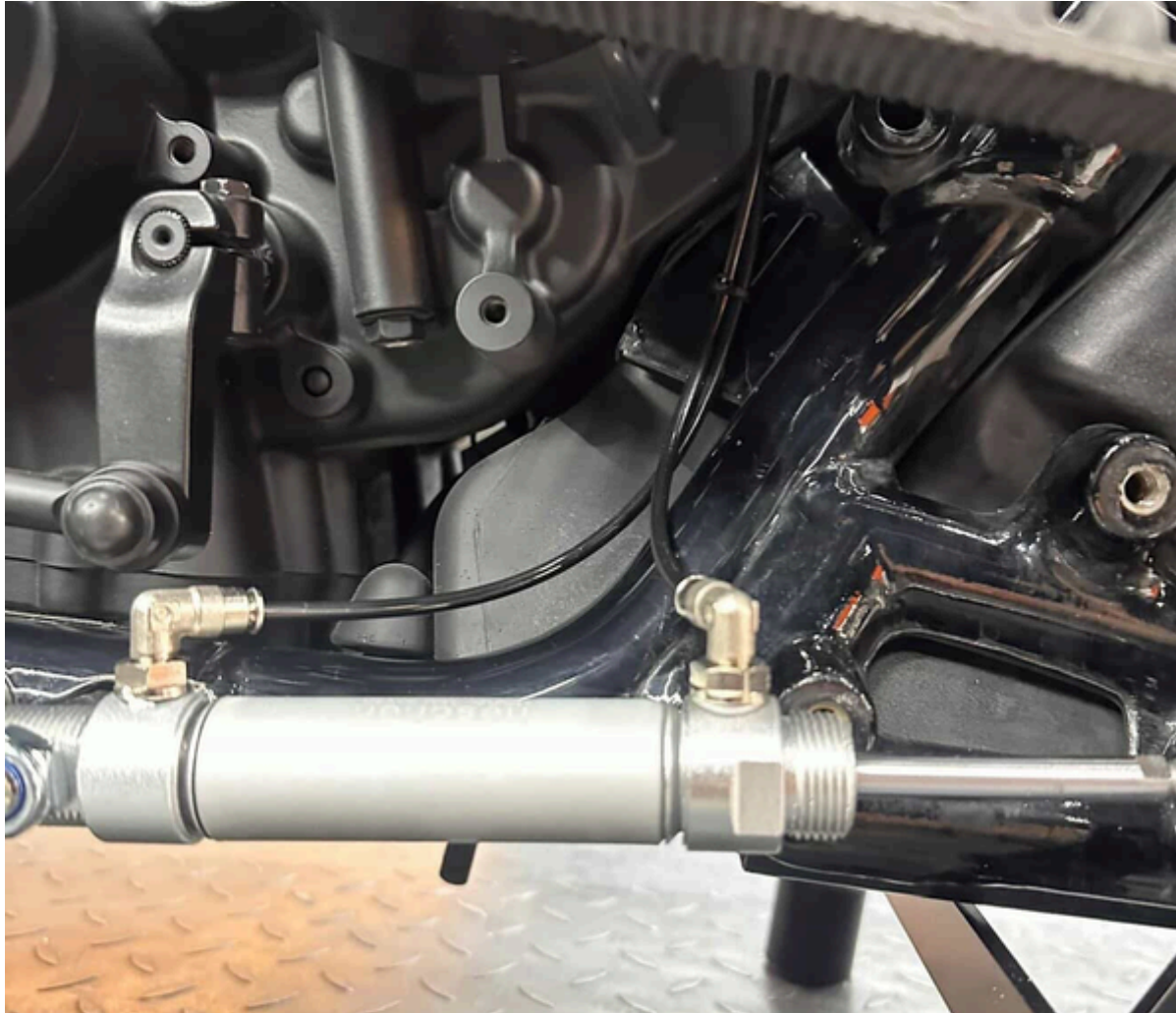
Install Air Solenoid Valve



- Mount near:
- Existing air suspension lines
- Under-seat or frame area
- Keep it:
- Away from heat
- Accessible for service

06

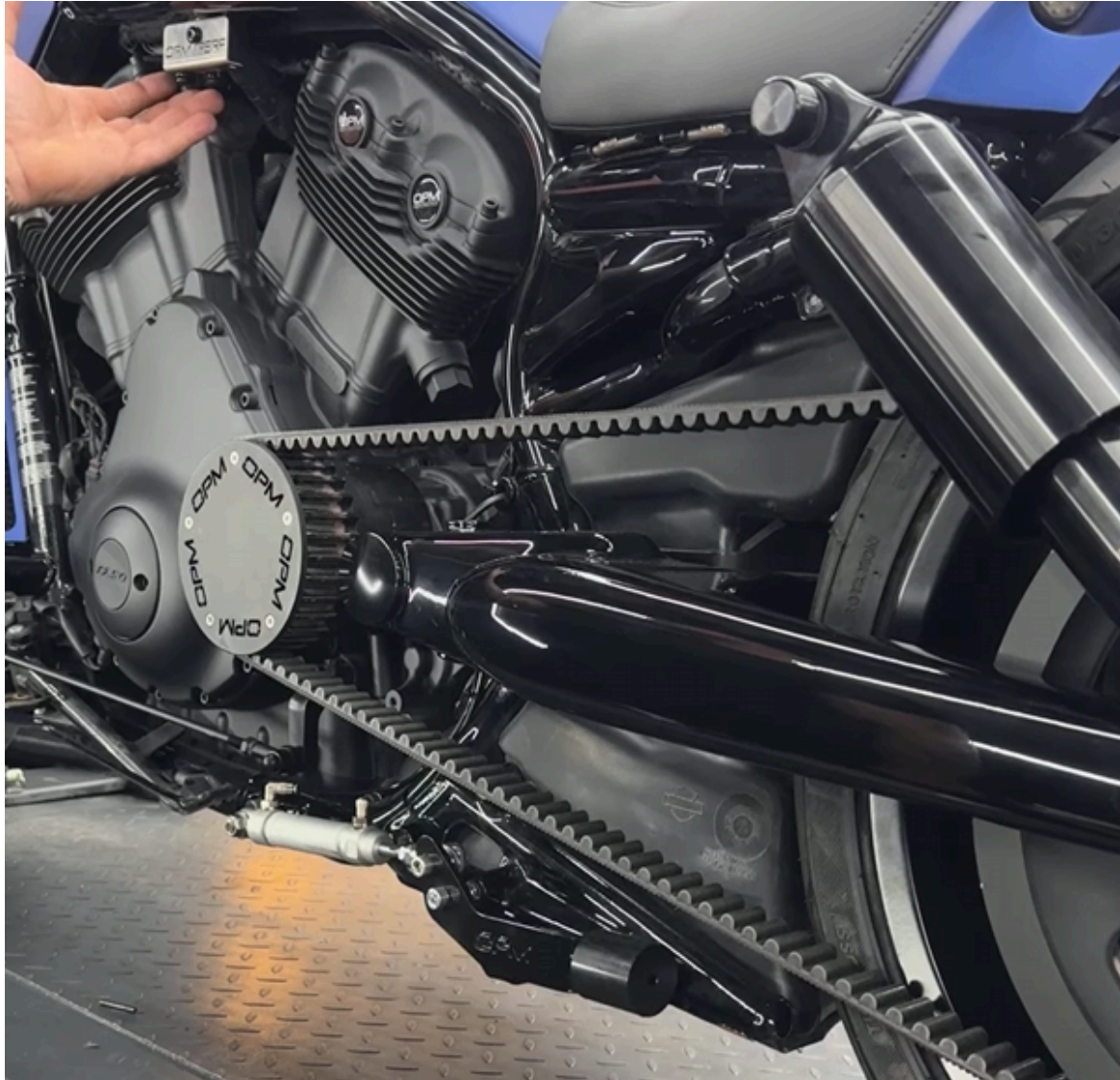
Connect Air Lines



- Tap into existing air suspension system
- One line from air tank/compressor
- One line from dump valve
- Goal: Solenoid controls airflow to the cylinder
- Basic flow: Dump valve pressed → air released → stand deploys
- Air refilled → pressure retracts stand
- If using non-Arnott systems: Adapter fittings may be required

07

Wiring the Solenoid



- Connect to dump valve trigger circuit or ignition source (depending on setup)
- Typical behavior:
- Solenoid activates when dump valve is used

08

Final Adjustments



- Cycle suspension:
- Dump air → verify stand deploys fully
- Refill air → verify stand retracts fully
- Adjust:
- Linkage length
- Cylinder position if needed