

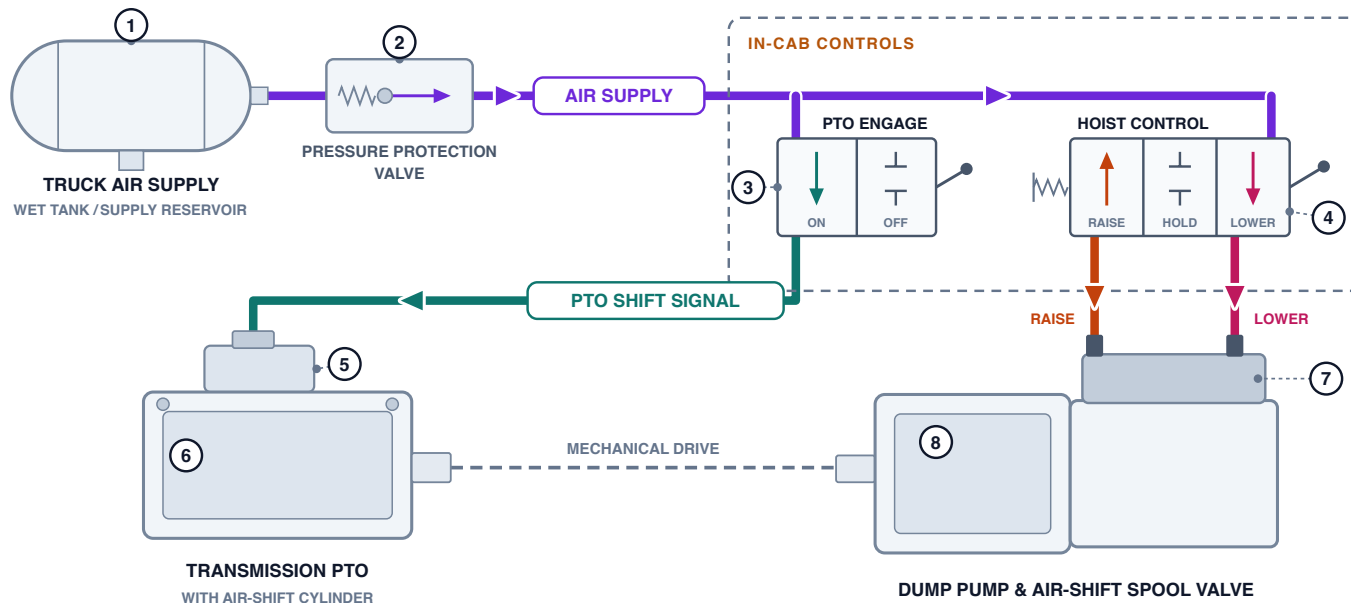


PNEUMATIC CONTROL SCHEMATIC

Air-shift PTO and 3-position hoist control · wet line kit air circuit

PETRA TECHNICAL SPEC
DWG WLK-AIR-2026

AIR SUPPLY PTO SHIFT RAISE SIGNAL LOWER SIGNAL



COMPONENT KEY

- | | | |
|--|--|---|
| ① Truck air supply — wet tank / supply reservoir | ④ Cab valve — hoist control (3-position) | ⑦ Pump air-shift actuator — raise / lower ports |
| ② Pressure protection valve — isolates brake air | ⑤ PTO air-shift cylinder | ⑧ Dump pump & integral spool valve |
| ③ Cab valve — PTO engage (2-position on / off) | ⑥ Transmission-mounted PTO | |