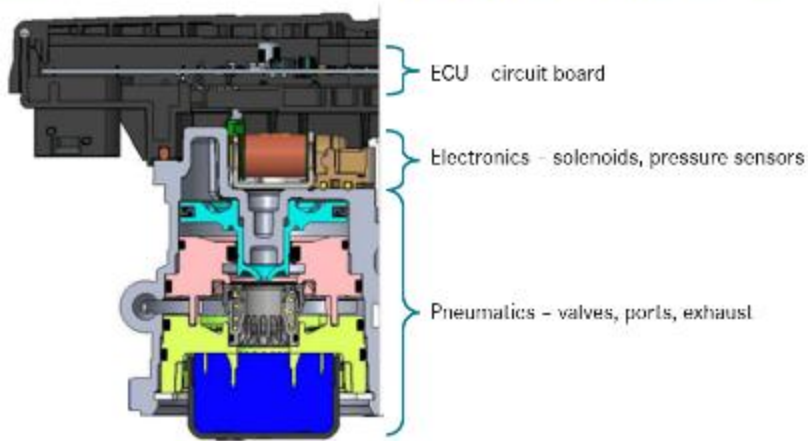


Troubleshooting Braking Systems

BRAKING SYSTEM

SBSP CMAx Internals

 NOTICE: CMAx is Non-Serviceable



-  Scalable **Brake System Platform (SBSP)** replaces the traditional pneumatic control and antilock brake control.
-  CMAX = MBSP, ESC Sensor and RAVP. Determines driver's brake demand and calculates and modulates pressure to axles. Design is meant to optimize deceleration across all brakes, improving pad life.
-  CMAX via CGW and VRDU use ABA, ACC, ASGA, CTA, ESA...

Key Braking System Troubleshooting

1. Air system is critical – see prior slide
2. All SBSP faults are with Wabco – link in Tech Lit
3. All ABS faults lead to Wabco – still have wheel speed issues...
4. Brake pressure faults = check air system
5. SBSP does not like kinked air lines
6. Wiring to APCV pressure sensor is sensitive
7. Hot front brakes = BST leak
8. Still need to treat brakes like was done with MBSP
9. You can't change SBSP parameters
10. In doubt, open a case with Wabco.