2011-2017 vehicles equipped with air conditioning (A/C) may exhibit an A/C system that is inoperative due to lack of A/C compressor engagement and with/with out Powertrain Control Module (PCM) DTC P0645. PCM strategy may disable A/C compressor operation. Install Integrated Diagnostic Service (IDS) Tool and Select>PCM>PCM PID Data>OSC PID>ACC_CMD PID to verify A/C compressor clutch engagement. If the A/C compressor clutch can be commanded, using IDS PCM PIDS Active Commands, PCM replacement will not resolve the condition. Continue with normal updated diagnostics listed in Professional Technician Society (PTS) On-line Work Shop Manual (WSM) Section 412-00.