**2022 MY Emissions 7/70 Parts Coverage**

| Part Name | A3 2.0 MHEV | S3 2.0 TFSI | RS3 2.5 TFSI | A4 2.0 MHEV | S4 3.0 TFSI | A5 2.0 MHEV | S5 3.0 TFSI | RS5 2.9 TFSI | A6 2.0 MHEV | A6 3.0 MHEV | S6 2.9 MHEV | RS6 4.0 MHEV | A7 2.0 MHEV | A7 2.0 PHEV | A7 3.0 MHEV | S7 2.9 MHEV | RS7 4.0 MHEV | A8 3.0 MHEV | A8 / S8 4.0 MHEV |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Camshaft Adjuster (Variable Valve Timing (VVT) Intake / Exhaust Actuator) | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Variable Valve Lift (VVL) Intake Actuator | | | | | ● | | ● | ● | | ● | ● | ● | | | ● | ● | ● | ● | ● |
| Rotary Control Valve/Thermostat | | ● | ● | | ● | | ● | ● | | ● | ● | ● | | ● | ● | ● | ● | ● | ● |
| Fuel Tank | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Electric Fuel Pump | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Leak Detection Pump | ● | | ● | | | | | | ● | | | ● | | ● | | | ● | | ● |
| Turbocharger assembly | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Charge Air Cooler | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Charge Over Valve | | | | | | | | | | | | | | | | | | | |
| Throttle Body | ● | ● | ● | ● | | ● | | | ● | | | ● | ● | ● | | | ● | | ● |
| Fuel Injection valves | | | ● | | ● | | ● | ● | | ● | ● | ● | | | ● | ● | ● | ● | ● |
| Fuel Distribution Rail (Right and Left) | | | | | ● | | ● | ● | | ● | ● | ● | | | ● | ● | ● | ● | ● |
| Fuel rail pressure sensor | | | | | | | | | | | | | | | | | | | |
| Intake Air Cleaner (assembly) | | | | | | | | | | | | | | | | | | | ● |
| Intake Manifold Assembly | | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Fuel high pressure pump | ● | | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | | ● | ● | ● | ● | ● |
| Exhaust Manifold | | | | | | | | | | | | ● | | | | | ● | | ● |
| Exhaust Gas Temperature Sensor | | | | | | | | | | | | | | | | | | | |
| Mass Airflow Sensor | | | | | | | | | | | | | | | | | | | |
| Knock Sensor | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Crankcase Ventilation Valve | | | | | | | | | | | | | | | | | | | |
| Secondary Air Injection Pump | | | | | | | | | | | | | | ● | | | | | |
| Secondary Air Injection Valve | | | | | | | | | | | | | | | | | | | |
| Secondary Air Injection Control Valve | | | | | | | | | | | | | | | | | | | |
| Intake Manifold Runner Flaps Control Valve | ● | | | | | | | | | | | | | | | | | | |
| Front Oxygen Sensors | | | | | | | | | | | | ● | | | | | ● | | ● |
| Rear Oxygen Sensors | | | | | | | | | | | ● | ● | | | | ● | ● | | ● |
| Vehicle Speed Sensor | | | | | | | | | | | | | | | | | | | |
| All-Wheel Drive Control Module | | | | | | | | | | | | | | | | | | | |
| Engine Temperature Sensor (NTC) | | | | | | | | | | | | | | | | | | | |
| Engine Coolant Temperature (ECT) Sensor | | | | | | | | | | | | | | | | | | | |
| Engine coolant pump switch | | | | | | | ● | ● | | ● | | | | | ● | | | | |
| Engine Cooling Fan Thermo Switch | | | | | | | | | | | | | | | | | | | |
| Oil Temperature Sensor | | | | | | | | | | | | | | | | | | | |
| Brake System Control Module | ● | | | ● | | ● | | | | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Body Control Module | | | | | | | | | | | | | | | | | | | |
| Instrument Cluster | ● | ● | ● | ● | ● | ● | ● | ● | | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| EVAP Carbon Canister Assembly | | ● | ● | | | | ● | ● | | ● | ● | ● | | ● | ● | ● | ● | ● | ● |
| EVAP Purge Valve | | ● | ● | | | | ● | ● | | ● | ● | ● | | ● | ● | ● | ● | ● | ● |
| Transmisison oil pump | | | | | | | | | | | | | | | | | | | |
| Fan Control (FC) Module | | | | | | | | | | | | | | | | | | | |
| HV Batterie | ● | | | ● | | ● | | | | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Electric A/C Compressor | | | | | | | | | | | ● | | | ● | | ● | | | |
| 48V Starter/Motor Generator | ● | | | ● | | ● | | | | ● | ● | ● | ● | | ● | ● | ● | ● | ● |
| DC/DC control module | ● | | | | | | | | | ● | ● | ● | | | ● | ● | ● | ● | ● |
| Electrical Oil Pump (Transmission) | | | | | | | | | | | | | | | | | | | |
| Electrical Oil pump (Motor) | | | | | | | | | | | | | | | | | | | |
| Electronic Brake Boost Control Module (EBBC) | ● | | | | | | | | | | | | | ● | | | | | |
| Electronic Power Steering (EPS) | | | | | | | | | | | | | | | | | | | |
| Electric Motor | | | | | | | | | | | | | | ● | | | | | |
| Separating clutch | | | | | | | | | | | | | | | | | | | |
| Battery Energy Control Module (BECM) | | | | | | | | | | | | | | | | | | | |
| BECM: Hybrid/EV Battery Pack Coolant Pump "A" | | | | | | | | | | | | | | ● | | | | | |
| battery cooling fan | | | | | | | | | | | | | | | | | | | |
| Battery Fan Housing | | | | | | | | | | | | | | | | | | | |
| Air Conditioning ECU | | | | | | | | | | | | | | ● | | | | | |
| Drive Motor Control Module (DMCM) | | | | | | | | | | | | | | ● | | | | | |
| Thermo Management Control Module (VTCM) | | | | | | | | | | | | | | ● | | | | | |
| On Board Charger Control Module (OBC) | | | | | | | | | | | | | | ● | | | | | |
| Refueling button | | | | | | | | | | | | | | | | | | | |

**Covered under 8/80 (therefore also 7/70) - All Vehicles**

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Catalytic Converter | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Engine Electronic Control Module (ECM) | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Transmission Control Module (TCM) | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| On Board Diagnostic Device (OBD) | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Gateway Control Module | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |

| Part Name | Q3 2.0 TFSI | Q5 2.0 MHEV | Q5 2.0 PHEV | SQ5 3.0 TFSI | Q7 2.0 TFSI | Q7 3.0 MHEV | SQ7 4.0 TFSI | Q8 3.0 MHEV | SQ8 4.0 TFSI | RSQ8 4.0 MHEV | TT 2.0 TFSI | TTS 2.0 TFSI | TTRS 2.5 TFSI | R8 5.2 TFSI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Camshaft Adjuster (Variable Valve Timing (VVT) Intake / Exhaust Actuator) | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Variable Valve Lift (VVL) Intake Actuator | | | | ● | | ● | ● | ● | ● | ● | | | | |
| Rotary Control Valve/Thermostat | ● | ● | ● | ● | | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Fuel Tank | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Electric Fuel Pump | | | ● | ● | ● | ● | ● | ● | ● | ● | | ● | ● | |
| Leak Detection Pump | | | | ● | | ● | ● | ● | ● | ● | | | ● | |
| Turbocharger assembly | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | |
| Charge Air Cooler | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | |
| Charge Over Valve | | | | | | | | | | | ● | | | |
| Throttle Body | ● | ● | ● | | ● | | ● | | ● | ● | ● | ● | ● | ● |
| Fuel Injection valves | | | | ● | | ● | ● | ● | ● | | | | ● | ● |
| Fuel Distribution Rail (Right and Left) | | | | ● | | ● | ● | ● | ● | ● | | | ● | ● |
| Fuel rail pressure sensor | | | | | | | | | | | | | | |
| Intake Air Cleaner (assembly) | | ● | | ● | ● | ● | ● | ● | ● | ● | | | | ● |
| Intake Manifold Assembly | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Fuel high pressure pump | | | | ● | | ● | ● | ● | ● | ● | | ● | ● | ● |
| Exhaust Manifold | | | | | | | ● | | ● | ● | | | | ● |
| Exhaust Gas Temperature Sensor | | | | | | | | | | | | | | ● |
| Mass Airflow Sensor | | | | | | | | | | | | | | ● |
| Knock Sensor | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Crankcase Ventilation Valve | | | | | | | | | | | | | | ● |
| Secondary Air Injection Pump | | | ● | | ● | | | | | | | | | ● |
| Secondary Air Injection Valve | | | | | | | | | | | | | | ● |
| Secondary Air Injection Control Valve | | | | | | | | | | | ● | | | ● |
| Intake Manifold Runner Flaps Control Valve | | ● | | | | | | | | | | | | |
| Front Oxygen Sensors | | | | | | | ● | | ● | ● | | | | |
| Rear Oxygen Sensors | | | | | | | | | | | | | | |
| Vehicle Speed Sensor | | | | | | | | | | | | | | |
| All-Wheel Drive Control Module | | | | | | | | | | | | | | |
| Engine Temperature Sensor (NTC) | | | | | | | | | | | | | | |
| Engine Coolant Temperature (ECT) Sensor | | | | | | | | | | | | | | |
| Engine coolant pump switch | | | | ● | | | | | | | | | | |
| Engine Cooling Fan Thermo Switch | | | | | | | | | | | | | | |
| Oil Temperature Sensor | | | | | | | | | | | | | | |
| Brake System Control Module | | ● | ● | | | ● | | ● | | ● | | | | |
| Body Control Module | | | | | | | | | | | | | | |
| Instrument Cluster | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| EVAP Carbon Canister Assembly | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| EVAP Purge Valve | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Transmisison oil pump | | | | | | | | | | | | | | |
| Fan Control (FC) Module | | | | | | | | | | | | | | |
| HV Batterie | | ● | ● | | | ● | | ● | | ● | | | | |
| Electric A/C Compressor | | | ● | | | | | | | | | | | |
| 48V Starter/Motor Generator | | ● | | | | ● | | ● | | ● | | | | |
| DC/DC control module | | | | | | ● | | ● | | ● | | | | |
| Electrical Oil Pump (Transmission) | | | | | | | | | | | | | | |
| Electrical Oil pump (Motor) | | | | | | | | | | | | | | |
| Electronic Brake Boost Control Module (EBBC) | | | ● | | | | | | | ● | | | | |
| Electronic Power Steering (EPS) | | | | | | | | | | | | | | |
| Electric Motor | | | ● | | | | | | | | | | | |
| Separating clutch | | | | | | | | | | | | | | |
| Battery Energy Control Module (BECM) | | | | | | | | | | | | | | |
| BECM: Hybrid/EV Battery Pack Coolant Pump "A" | | | ● | | | | | | | | | | | |
| battery cooling fan | | | | | | | | | | | | | | |
| Battery Fan Housing | | | | | | | | | | | | | | |
| Air Conditioning ECU | | | ● | | | | | | | | | | | |
| Drive Motor Control Module (DMCM) | | | ● | | | | | | | | | | | |
| Thermo Management Control Module (VTCM) | | | ● | | | | | | | | | | | |
| On Board Charger Control Module (OBC) | | | ● | | | | | | | | | | | |
| Refueling button | | | | | | | | | | | | | | |

**Covered under 8/80 (therefore also 7/70) - All Vehicles**

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Catalytic Converter | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Engine Electronic Control Module (ECM) | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Transmission Control Module (TCM) | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| On Board Diagnostic Device (OBD) | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Gateway Control Module | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |