Important!

Please give copies to all your VW Technicians

Technical Bulletin

Subject: **Engine Control Module (ECM), DO NOT Replace for These Diagnostic Trouble Codes (DTCs)**

Group: **01**

Number: **04–14**

Model(s): **ALL** **2001 ➤ 2004**

Date: **June 22, 2004**

Supersedes T.B. Group 01 number 04–05 dated Apr. 2, 2004 due to New ECM Part No. correction on Page 5.

Condition

Unnecessary ECM replacement.

Service

Prior to replacing an ECM for any DTC:

– Check for DTC in the following tables beginning page 2.

If DTC is listed in the tables:

◆ The ECM hardware is not the cause of the DTC, further diagnosis is required.

DO NOT replace an ECM for DTCs listed on pages 2 - 4.

Note:

If DTC is marked with an (*) it may require an ECM replacement to obtain the latest software: see "EXCEPTION!" notes on page 5).

If DTC is NOT listed in the following tables on pages 2 - 4:

◆ DTC should be properly diagnosed to determine the cause (refer to Guided Fault Finding or VESIS as necessary).

◆ ALWAYS check for Technical Bulletins with possible software updates for the condition.

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Diagnostic Trouble Codes which are not a result of ECM Hardware										
P0011	P0012	P0014	P0015	P0016	P0017	P0018	P0019	P0021	P0022	P0024
P0025	P0040	P0041	P0069	P0089	P0116*	P0125	P0128	P0133	P0139	P0145
P0149	P0153	P0159	P0165	P0170	P0171	P0172	P0173	P0174	P0175	
P0219	P0234	P0235	P0251	P0252	P0263	P0266	P0269	P0272	P0299	
P0300	P0301	P0302	P0303	P0304	P0305	P0306	P0307	P0308	P0309	P0310
P0311	P0312	P0313	P0314	P0321						
P0400	P0401	P0402	P0410	P0411	P0420	P0421	P0422	P0430	P0431	P0432
P0440	P0441	P0442	P0455	P0456	P0491	P0492				
P0505	P0506	P0507	P0513							
P0600	P0610	P0614								
P0729	P0730	P0731	P0732	P0733	P0734	P0735	P0736	P0741	P0780	P0781
P0782	P0783	P0784	P0785							
P0811	P0817	P0829	P0868	P0897	P0919					
P1004	P1005	P1006	P1007	P1009	P1017	P1018	P1019	P1020	P1021	P1022
P1025	P1029	P1030	P1031	P1061	P1062	P1063	P1064	P1065	P1075	P1076
P1077	P1078	P1079	P1080	P1081	P1082	P1083	P1084	P1085	P1086	P1087
P1088	P1089	P1090	P1091	P1092	P1093	P1094				
P1111	P1112	P1123	P1124	P1125	P1126	P1127	P1128	P1129	P1130	P1136
P1137	P1138	P1139	P1141	P1142	P1143	P1147	P1148	P1149	P1150	P1151
P1152	P1153	P1159	P1165	P1166	P1174	P1175	P1176*	P1177	P1191	
P1200	P1212	P1224	P1233	P1234	P1235	P1236	P1248	P1250	P1261	P1262
P1264	P1265	P1267	P1268	P1270	P1271	P1273	P1274	P1276	P1277	P1280
P1295	P1296*	P1297								
P1300	P1301	P1302	P1303	P1304	P1317	P1318	P1325	P1326	P1327	P1328
P1329	P1330	P1331	P1332	P1333	P1334	P1335	P1336	P1339	P1340	P1347
P1351	P1352	P1379	P1380	P1381	P1382	P1396	P1397			
P1403	P1404	P1411	P1414	P1423	P1424	P1439	P1456	P1460	P1478	P1479
P1480	P1493	P1494	P1497	P1498						

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Diagnostic Trouble Codes which are not a result of ECM Hardware										
P1504	P1507	P1508	P1523	P1532	P1550	P1553	P1554	P1555	P1556	P1557
P1559	P1560	P1561	P1562	P1563	P1564	P1565	P1568	P1570	P1579	P1581
P1582	P1592	P1593	P1596	P1597	P1599					
P1607	P1608	P1609	P1612	P1623	P1624	P1625	P1626	P1627	P1628	P1629
P1635	P1636	P1637	P1638	P1641	P1642	P1643	P1644	P1645	P1646	P1647
P1649	P1650	P1651	P1652	P1653	P1654	P1655	P1658	P1665	P1673	P1674
P1675	P1682	P1683	P1684	P1685	P1687	P1688	P1689	P1695	P1696	P1697
P1698	P1699									
P1700	P1701	P1702	P1703	P1704	P1705	P1706	P1707	P1711	P1716	P1721
P1723	P1724	P1726	P1728	P1729	P1733	P1737	P1738	P1739	P1740	P1741
P1742	P1743	P1744	P1745	P1746	P1747	P1748	P1749	P1750	P1751	P1752
P1753	P1754	P1755	P1756	P1757	P1758	P1759	P1760	P1761	P1762	P1763
P1764	P1765	P1766	P1767	P1768	P1769	P1770	P1771	P1772	P1773	P1774
P1775	P1776	P1777	P1778	P1780	P1781	P1782	P1783	P1784	P1785	P1786
P1787	P1788	P1789	P1790	P1791	P1792	P1793	P1795	P1796	P1797	P1798
P1799										
P1800	P1801	P1802	P1803	P1804	P1805	P1806	P1807	P1808	P1809	P1813
P1814	P1815	P1818	P1819	P1820	P1823	P1824	P1825	P1828	P1829	P1830
P1833	P1834	P1835	P1838	P1839	P1840	P1841	P1842	P1843	P1844	P1845
P1847	P1848	P1849	P1850	P1851	P1852	P1853	P1854	P1855	P1856	P1857
P1858	P1859	P1860	P1861	P1862	P1863	P1864	P1865	P1866	P1867	P1868
P1869	P1870	P1871	P1872	P1873	P1874	P1875	P1876	P1877	P1878	P1879
P1880	P1881	P1882	P1883	P1884	P1885	P1886	P1887	P1888	P1889	
P1907	P1908	P1909	P1910	P1923	P1924	P1928	P1932	P1939	P1940	P1941
P1942	P1943	P1944	P1947	P1949	P1950	P1951	P1952	P1953	P1960	P1965
P1984	P1987	P1992	P1995	P1996	P1997	P1998	P1999			

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Diagnostic Trouble Codes which are not a result of ECM Hardware										
P2002	P2003	P2004	P2005	P2006	P2007	P2070	P2071	P2096	P2097	P2098
P2099										
P2177	P2178	P2179	P2180	P2181	P2187	P2188	P2189	P2190	P2191	P2192
P2193	P2194	P2261	P2279	P2293						
P2336	P2337	P2338	P2339	P2340	P2341	P2342	P2343	P2344	P2345	P2346
P2347	P2416	P2417	P2421	P2422						
P2711	P2714	P2787	P2789							
P3000	P3001	P3032	P3035	P3036	P3037	P3038	P3039	P3040	P3041	P3043
P3045	P3054	P3058	P3059	P3062	P3063	P3070	P3071	P3075	P3076	P3078
P3081	P3084	P3086								
P3103	P3107	P3108	P3111	P3112	P3115	P3116	P3119	P3120	P3123	P3124
P3127	P3128	P3130	P3131	P3134	P3135	P3136	P3137	P3138	P3165	P3166
P3167	P3168	P3169	P3170	P3171	P3172	P3173	P3174	P3175	P3176	P3177
P3178	P3191	P3192	P3193							
P3209	P3224	P3225	P3226	P3227	P3228	P3229	P3239	P3241	P3242	P3254
P3260	P3261	P3262	P3263	P3264	P3265	P3298	P3299			
P3304	P3305	P3331	P3332	P3333	P3334	P3335	P3336	P3337	P3345	P3350
P3351	P3352	P3353	P3354	P3355	P3356	P3357	P3358	P3361	P3362	P3363
P3364	P3365	P3366	P3367	P3368	P3369	P3370	P3371			

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Note:

EXCEPTION: *For 1999 – 2001 New Beetle 1.8L Turbo (ONLY):*

- *For the following exceptions, first rule out other potential causes utilizing VESIS or Guided Fault Finding before replacing ECM*

For DTC P1176 (marked with *) where the ECM software level is at the old level as shown in table below, may require an ECM replacement to achieve the new software level.

Model Year	Old ECM Part No.	New ECM Part No. & Software level	Transmission
1999	06A 906 032B	06A 997 032S 5829	Automatic
	06A 906 032E	06A 997 032R 5828	Manual
2000 – 2001	06A 906 032A	06A 997 032Q 5827	Automatic
	06A 906 032C	06A 997 032P 5826	Manual

Note:

EXCEPTION: *For 2001 & 2002 Cabrio (ONLY):*

- *For the following exceptions, first rule out other potential causes utilizing VESIS or Guided Fault Finding before replacing ECM*

For DTCs P0116 and P1296 (marked with *) where the ECM software level is older than what is shown below, may require an ECM replacement to achieve the new software level.

ECM Part No:	Software level	Transmission
037906018G	V06	Manual
037906018H	V05	Automatic

CAUTION!

Part numbers are for reference only. Always check with your Parts Dept. for the latest parts information.

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