



HYUNDAI Technical Service Bulletin

Group	TRANSAXLE
Number	04-40-020
Date	NOVEMBER 2004
Model	1996-05 ACCENT 1996-2000 ELANTRA, 1997-2001 TIBURON

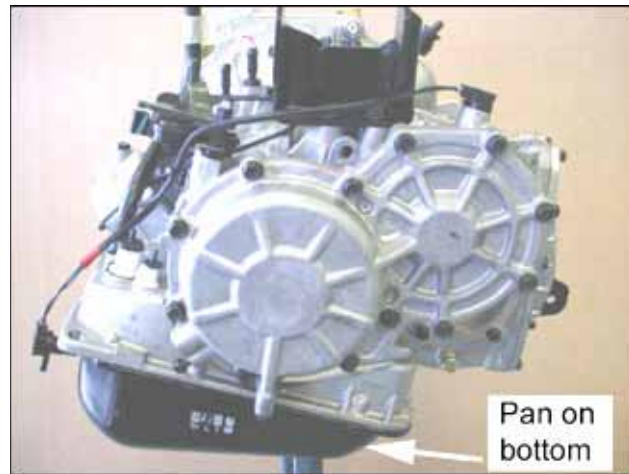
Subject
AUTOMATIC TRANSAXLE DIAGNOSTIC TROUBLE CODES LIST

CIRCULATE TO:	<input type="checkbox"/> GENERAL MANAGER	<input checked="" type="checkbox"/> PARTS MANAGER	<input checked="" type="checkbox"/> TECHNICIAN
<input type="checkbox"/> SERVICE ADVISOR	<input checked="" type="checkbox"/> SERVICE MANAGER	<input type="checkbox"/> WARRANTY MGR	<input type="checkbox"/> SALES MANAGER

DESCRIPTION

The following vehicles share common transaxle Diagnostic Trouble Codes (DTC):

- 1996-2005 Accent
- 1996-2000 Elantra
- 1997-2001 Tiburon



Elantra and Tiburon vehicles produced beginning 6/1/99 and 2000-2005 Accent vehicles use a valve body with six solenoids and have several new DTCs.

DTC information can be found in the shop manuals, TSBs and Engine Fault Code Diagnostic Manual (OBDII Manual) listed below:

DTC	DESCRIPTION	SHOP MANUAL REFERENCE PAGE				TSB
		2004 ACCENT	1999 ACCENT	2000 ELANTRA/TIBURON	1999 ELANTRA/TIBURON	
P0501	Vehicle speed sensor range	FL-14, SD-28, OBDII Manual	FL-92, OBDII Manual	FL-100, SD-58 (Elantra) SD-54 (Tiburon)	FL-101, SD-58 (Elantra) SD-54 (Tiburon)	00-36-011
P0703	Stop lamp switch - Open/short	TR-15	No reference	No reference	No reference	
P0705	Range switch signal problem	No reference	No reference	No reference	No reference	03-40-013
P0707	Range switch - open circuit	TR-15, TR-70	AT-21	AT-17	AT-20	03-40-013 03-40-001
P0708	Range switch - short circuit	TR-15, TR-70	AT-21	AT-17	AT-20	03-40-013 03-40-001
P0710	A/T fluid temperature sensor	No reference	No reference	No reference	No reference	00-40-010
P0711	A/T temperature sensor - rationality check	No reference	No reference	No reference	No reference	

DTC	DESCRIPTION	SHOP MANUAL REFERENCE PAGE				TSB
		2004 ACCENT	1999 ACCENT	2000 ELANTRA/TIBURON	1999 ELANTRA/TIBURON	
P0712	A/T temperature sensor signal - open/short	TR-15, TR-56	AT-21, AT-25	AT-17, AT-21	AT-20, AT-24	00-40-010
P0713	A/T temperature sensor signal - open/short	TR-15, TR-56	AT-21, AT-25	AT-17, AT-21	AT-20, AT-24	00-40-010
P0717	No pulse generator A signal	TR-15, TR-16, TR-60	AT-21, AT-23, AT-32, AT-53	AT-17, AT-27	AT-20, AT-22, AT-31, AT-52	03-40-022
P0722	No pulse generator B signal	TR-15, TR-16, TR-62	AT-21, AT-23, AT-36, AT-57	AT-17, AT-31	AT-20, AT-22, AT-35, AT-56	03-40-016 03-40-022
P0727	Engine speed signal - open circuit	SD-41	AT-21, AT-30	AT-17, AT-26 SD-58 (Elantra) SD-54 (Tiburon)	AT-20, AT-29 SD-58 (Elantra) SD-54 (Tiburon)	02-40-022
P0731	1st gear incorrect ratio	TR-16, TR-16, TR-78	AT-22, AT-23, AT-47	AT-18, AT-44	AT-21, AT-22, AT-46	03-40-005
P0732	2nd gear incorrect ratio	TR-16, TR-16, TR-81	AT-22, AT-23, AT-50	AT-18, AT-46	AT-21, AT-22, AT-49	03-40-005
P0733	3rd gear incorrect ratio	TR-16, TR-16, TR-84	AT-22, AT-23, AT-51	AT-18, AT-47	AT-21, AT-22, AT-50	03-40-005
P0734	4th gear incorrect ratio	TR-16, TR-16, TR-87	AT-22, AT-23, AT-52	AT-18, AT-48	AT-21, AT-22, AT-51	03-40-005
P0740	Torque converter clutch control system problem	N/A	AT-22, AT-45	AT-18, AT-43	AT-21, AT-44	03-40-007
P0741	Damper clutch stuck off	TR-15, TR-76				03-40-007
P0742	Damper clutch stuck on	TR-15, TR-76	AT-22, AT-45	N/A	AT-21, AT-44	03-40-007
P0743	Damper clutch control solenoid valve - open/short	TR-15, TR-76	AT-22, AT-45	AT-18, AT-43	AT-21, AT-44	03-40-007
P0745	Pressure control solenoid valve A - open/short, TR-9	TR-15, TR-16, TR-72	N/A	AT-18, AT-39	N/A	03-40-007
P0747	Pressure control solenoid valve - open	N/A	AT-22, AT-23, AT-43, AT-64	N/A	AT-21, AT-22, AT-42, AT-63	03-40-007
P0748	Pressure control solenoid valve - short	N/A	AT-22, AT-23, AT-43, AT-64	N/A	AT-21, AT-22, AT-42, AT-63	03-40-007
P0750	Shift control solenoid valve A - open/short	TR-15, TR-16, TR-64	N/A	AT-17, AT-34	N/A	03-40-007
P0752	Shift control solenoid valve A - open	N/A	AT-21, AT-23, AT-39, AT-60	N/A	AT-20, AT-22, AT-38, AT-59	03-40-007
P0753	Shift control solenoid valve A - short	N/A	AT-21, AT-23, AT-39, AT-60	N/A	AT-20, AT-22, AT-38, AT-59	03-40-007
P0755	Shift control solenoid valve B - open/short	TR-15, TR-16, TR-66	N/A	AT-17, AT-36	N/A	03-40-007
P0757	Shift control solenoid valve B - open	N/A	AT-21, AT-23, AT-41, AT-62	N/A	AT-20, AT-22, AT-40, AT-61	03-40-007
P0758	Shift control solenoid valve B - short	N/A	AT-21, AT-23, AT-41, AT-62	N/A	AT-20, AT-22, AT-40, AT-61	03-40-007



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DTC	DESCRIPTION	SHOP MANUAL REFERENCE PAGE				TSB
		2004 ACCENT	1999 ACCENT	2000 ELANTRA/TIBURON	1999 ELANTRA/TIBURON	
P0760	Shift control solenoid valve C - open/short	TR-15, TR-16, TR-68	N/A	AT-17, AT-38	N/A	03-40-007
P0765	Pressure control solenoid B - open/short	See 2002 Accent TR-7, TR-9, TR-30	N/A	AT-18, AT-40	N/A	03-40-007
P0775	Pressure control solenoid B - open/short	TR-15, TR-16, TR-74	N/A	AT-18, AT-40	N/A	03-40-007
P1529	MIL-on request signal to ECM	No reference	N/A	N/A	N/A	00-40-012
P1586	Encoding signal circuit not rational	SD-46, OBDII Manual	OBDII Manual	SD-54 (Elantra) SD-50 (Tiburon) OBDII Manual	SD-54 (Elantra) SD-50 (Tiburon) OBDII Manual	03-40-001
P1611	MIL request signal circuit low	No reference	FL-23, FL-108	SD-58 (Elantra) SD-54 (Tiburon)	FL-25, FL-119 SD-58 (Elantra) SD-54 (Tiburon)	
P1613	MIL request signal circuit high	No reference	FL-23, FL-108	SD-58 (Elantra) SD-54 (Tiburon)	FL-25, FL-119 SD-58 (Elantra) SD-54 (Tiburon)	99-40-004 03-40-016
P1614	MIL request signal circuit high	No reference	FL-108, same as P1613	N/A	N/A	99-40-004
P1624	MIL-on request signal to ECM	N/A	FL-23	OBDII Manual	OBDII Manual	
P1693	MIL request line malfunction	No reference				03-40-016
P1701	TPS problem	N/A	AT-21, AT-23	N/A	AT-20, AT-22	
P1702	TPS misadjustment	N/A	AT-21, AT-23	N/A	AT-20, AT-22	
P1703	TPS voltage low - open/short	N/A	N/A	AT-17, AT-19	N/A	
P1704	TPS voltage high - short circuit	N/A	AT-21, AT-23	N/A	AT-20, AT-22	
P1709	Kickdown servo switch - open/short	TR-15, TR-58	AT-21, AT-28	AT-17, AT-24	AT-20, AT-27	03-40-018
P1714	Closed throttle position switch - short, improper adjustment	N/A	AT-21	N/A	AT-20	
P1744	Damper clutch abnormal vibration	N/A	AT-22	AT-18	AT-21	
P1765	Torque reduction request signal lines	N/A	N/A	AT-18, SD-58 (Elantra) SD-54 (Tiburon)	SD-58 (Elantra) SD-54 (Tiburon)	03-40-016
P1766	Torque reduction execution signal lines	N/A	N/A	AT-18	N/A	