



Important!

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Technical Bulletin

Subject: **Module, Airbag, Color Code Identification and Coding**

Group: **69**

Number: **06-03**

Model(s): **All Models**

1996 ► 2006

Date: **Feb. 3, 2006**

Supersedes T.B. Group 69, Number 06-01 dated January 20, 2006 due to airbag coding table changes.

Condition

Prior to replacing Airbag System components, it is important to properly identify the airbag module color code.

Service



WARNING

When working on ANY airbag system, ALWAYS read and follow Repair Manual Group 69 WARNINGS, Precautions, Notes and Tips!



Tip:

Prior to removing original equipment airbag control module, record part number, coding, and color code for reference. This information can be helpful when identifying updates or changes made to modules and matching components. There are several ways to identify this information on original and new modules.

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

For modules beginning with part number 6NO or 1J0, the color code can be identified after the first 9 digits of the part number.



Tip:

Example – 1J0-XXX-XXX J In this example, suffix J is the color code and the proper coding is 74.

◆ Refer to chart on following page.



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6NO or 1J0 Module							
Color Code	Coding	Color Code	Coding	Color Code	Coding	Color Code	Coding
A	65	AA	16705	BA	16961	CA	17217
B	66	AB	16706	BB	16962	CB	17218
C	67	AC	16707	BC	16963	CC	17219
D	68	AD	16708	BD	16964	CD	17220
E	69	AE	16709	BE	16965	CE	17221
F	70	AF	16710	BF	16966	CF	17222
G	71	AG	16711	BG	16967	CG	17223
H	72	AH	16712	BH	81	CH	17224
J	74	AJ	16714	BJ	82	CJ	17226
K	75	AK	16715	BK	16971	CK	17227
L	76	AL	16716	BL	16972	CL	17228
M	77	AM	16717	BM	16973	CM	17229
N	78	AN	16718	BN	16974	CN	17230
P	80	AP	16720	BP	16976	CP	17232
Q	81	AQ	16721	BQ	16977	CQ	17233
R	82	AR	16722	BR	16978	CR	17234
S	83	AS	16723	BS	16979	CS	17235
T	84	AT	16724	BT	16980	CT	17236

- ◆ For modules beginning with part numbers other than 6NO or 1J0 (after model year 1999), the color code can be identified after the 9 digit part number and suffix.



Tip:

1C0 XXX XXX AF / 001. In this example 001 is the color code and 12337 is the coding.

- ◆ Refer to chart on following page.



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Airbag Control Modules (EXCEPT 6NO and 1JO)									
Color Code	Coding	Color Code	Coding	Color Code	Coding	Color Code	Coding	Color Code	Coding
01	12337	35	13109	1J	12618	3D	13124	XS	22611
02	12338	36	13110	1K	12619	3E	13125	XT	22612
03	12339	37	13111	1L	12620	3F	13126	X1	22577
04	12340	38	13112	1M	12621	3G	13127	X2	22578
05	12341	39	13113	1N	12622	3H	13128	X3	22579
06	12342	0A	12353	1P	12624	3J	13130	X4	22580
07	12343	0B	12354	1Q	12625	3K	13131	X5	22581
08	12344	0C	12355	1R	12626	3L	13132	X6	22582
09	12345	0D	12356	1S	12627	3M	13133	X7	22583
11	12593	0E	12357	1T	12628	3N	13134	X8	22584
12	12594	0F	12358	2A	12865	3P	13136	X9	22585
13	12595	0G	12359	2B	12866	3Q	13137	Y1	22833
14	12596	0H	12360	2C	12867	3R	13138	Y2	22834
15	12597	0J	12362	2D	12868	3S	13139	Y3	22835
16	12598	0K	12363	2E	12869	3T	13140	Y4	22836
17	12599	0L	12364	2F	12870	XA	22593	Y5	22837
18	12600	0M	12365	2G	12871	XB	22594	Y6	22838
19	12601	0N	12366	2H	12872	XC	22595	Y7	22839
21	12849	0P	12368	2J	12874	XD	22596	Y8	22840
22	12850	0Q	12369	2K	12875	XE	22597	Y9	22841
23	12851	0R	12370	2L	12876	XF	22598	ZA	23095
24	12852	0S	12371	2M	12877	XG	22599	ZB	23096
25	12853	0T	12372	2N	12878	XH	22600	ZC	23097
26	12854	1A	12609	2P	12880	XJ	22602	ZD	23098
27	12855	1B	12610	2Q	12881	XK	22603	ZE	23099
28	12856	1C	12611	2R	12882	XL	22604	ZF	23100
29	12857	1D	12612	2S	12883	XM	22605	ZG	23101
31	13105	1E	12613	2T	12884	XN	22606	ZH	23102
32	13106	1F	12614	3A	13121	XP	22608	ZJ	23104
33	13107	1G	12615	3B	13122	XQ	22609	ZK	23105
34	13108	1H	12616	3C	13123	XR	22610	ZL	23106



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Airbag Control Modules (EXCEPT 6NO and 1JO)

Color Code	Coding	Color Code	Coding	Color Code	Coding	Color Code	Coding	Color Code	Coding
ZM	23107	Z5	23093						
ZN	23108	Z6	23094						
ZP	23110	Z7	23095						
ZQ	23111	Z8	23096						
ZR	23112	Z9	23097						
ZS	23113								
ZT	23114								
Z1	23089								
Z2	23090								
Z3	23091								
Z4	23092								



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Vehicle Self-Diagnosis	15 - Airbag 6Q0909605 A
Select diagnosis function	16 Airbag VW5 0D 0004 Coding 12598 Dealership number XXXXX
02 - Interrogate fault memory 03 - Final control diagnosis 04 - Basic settings 05 - Erase fault memory 06 - End output 07 - Code control unit 08 - Read Measuring Value Block 09 - Reading individual measuring value 10 - Adaption 11 - Log-in procedure	
<input type="button" value="←"/> <input type="button" value="Guided Fault Finding"/> <input type="button" value="Go to"/> <input type="button" value="Print"/> <input type="button" value="?"/> <input type="button" value="⚠"/>	
96-A034	

Module Identification

- Connect VAS 5051/ VAS 5052
- ← - Select Address word 15-Airbag and record information from module identification screen.

<h2>Vehicle System</h2> <p>15 - Airbag 6Q0909605 A 16 AIRBAG VW5 0D 0004 Coding 12598 Dealership Number XXXXX</p>
96-A035

- ← - This information can be viewed on VAS 5051/VAS 5052 scan tool address word 15-airbag in the example shown, the Color Code for coding number 12598 is 16 (see table, page 3).



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Tip:

Note that the index number (black arrow) listed on the module label is a hardware number and **IS NOT** used for coding purposes.

◀ If unable to access Address word 15-Airbag, using VAS 5051/5052 due to communication errors, record color code (white arrow) from module detail label if available. This is an add on label placed over the original module label.



Note:

◀ When ordering a new control module, always order by using the Vehicle Identification Number (VIN) to obtain correct/latest software. The color code can also be found on part box label.



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- ◆ After installing new control module, check control module for fault codes and repair as necessary before attempting to enter coding.



Tip:

If you find that additional fault codes are received after installing a new control module with a new part number and/or color code, additional components may also require replacement to match the new module-check for latest parts updates using VIN.

Example

Initial fault received 00003; the technician replaces Control Module part number 1C0-909-605-F-004 with a Module part number 1C0-909-605-F-01E.

- ◆ New control module is installed and now DTCs 01221, 01222, 01738, or 1739 (side crash sensors-no or incorrect basic settings) is displayed.
- ◆ One possible cause could be the incorrect control module was installed.
- ◆ Another possible cause is the control module has been updated to a new software level (noted by the change in the part number and/or color code), in which case, the 1C0 909 605 F / 004 module is matched to crash sensors that have a color code of 02. The new module 1C0 909 605 F / 01E will not communicate properly with these crash sensors, and the crash sensors **MUST** also be replaced with update versions.



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- ◆ If no fault codes are received (with the exception of 01042 – Control Module Not Coded):
 - Select Guided Functions.
 - Select Address word 15-Airbag
 - Select Airbag control module coding and proceed with coding control module.

- ◆ When finished coding:
 - Cycle Ignition OFF/ON
 - Select vehicle self diagnostics and verify correct coding in address word 15-airbag.