AUTOPASS GM Passlock I, II Passkey & VATS Interface kit

Wiring Diagram

Orange Passlock wire computer side

Black Ground

Yellow Vehicle's start wire (Passlock I only)

Blue Vehicle's ignition wire White Passlock wire key side

Violet Ground when running from remote start

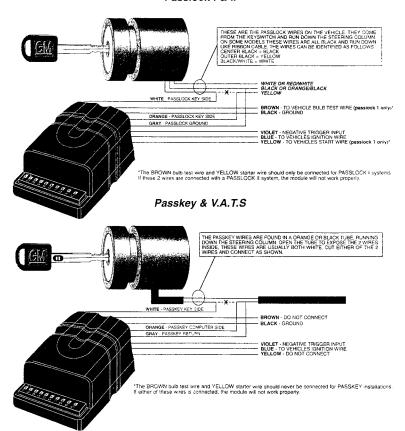
Grey Passlock ground wire (Located in Passlock Harness)

Brown Vehicle's bulb test wire (for Passlock I only-usually black in secondary harness)

DO NOT CONNECT THE YELLOW OR THE BROWN WIRE IN A PASSLOCK II INSTALLATION.
THESE WIRES MAY ONLY BE USED IN A PASSLOCK INSTALLATION!!

See charts next page for resistance values.

Passlock I & II



INSTALLATION INSTRUCTIONS

The AUTOPASS module is used when installing remote start products on any GM vehicles equipped with either the Passlock I, Passkey I & II or V.A.T.S. anti-theft system. AUTOPASS allows easy interfacing while maintaining complete and total integrity of the OEM security system. The AUTOPASS module also features a high current output to drive the secondary ignition wire, which is commonly found on all Passlock equipped vehicles. This eliminates the need for any additional relays. AUTOPASS only operates when the remote starter is in use so that when the vehicle is operated by key, the Passlock / Passkey / V.A.T.S. system remains fully functional. AUTOPASS will work with just about any remote car starter available.

APPLICATIONS:

Vehicles equipped with Passlock I:

- Pontiac Sunfire 1995-99
- Pontiac Grand Am 1996-98
- · Chevrolet Cavaller 1996-99
- Oldsmobile Achieva 1997-99
- Buick Skylark 1996-98

Vehicles equipped with Passlock II:

- Chevrolet Malibu 1997-99
- Oldsmobile Intrigue 1997-99
- Pontiac Grand Am 1999
- · Oldsmobile Alero 1999
- All GMC & Chevrolet Trucks 1998 & up, (Including sport utility vehicles such as the Yukon, Tahoe, Blazer, Jimmy & Suburban).

Vehicles equipped with Passkey I & II or V.A.T.S.:

Vehicles equipped with Passkey I & II or V.A.T.S. are easily identified by a black pellet on the metal part of the ignition key. This system has been widely used by GM since 1986 on many of their luxury cars.

PASSKEY INSTRUCTIONS

- Locate the small ORANGE or BLACK tube coming down the steering column. Slice open this tube to expose the 2 wires inside, these wires are usually WHITE.
- 2. Strip back the shield on both wires but do not cut them.
- 3. Insert the key into the ignition switch, but do not turn the switch on.
- 4. Use a digital voltmeter to read the resistance in ohms, between the 2 wires.
- 5. Using the resistance chart in this manual, set the dipswitches to match the resistance as close as possible.
- 6. Make all connections as per the diagram

PASSLOCK INSTRUCTIONS

- Locate your Passlock wires coming down from the ignition switch, (these wires are YELLOW, BLACK and WHITE, or BLACK, BLACK and BLACK WHITE). On GM & Chevrolet trucks, these wires are YELLOW, ORANGE/BLACK & RED/WHITE).
- 2. Strip back the shield on the BLACK or ORANGE/BLACK wire.
- 3. Start the vehicle with the key.
- 4. Cut the YELLOW wire in half and strip back both ends.
- Using a digital voltmeter, read the resistance in ohms, between the key side of the cut YELLOW wire, and the BLACK or ORANGE/BLACK.
- 6. Reverse the 2 leads on your meter and take the reading again.
- 7. Take the average of your first and second reading. This is your resistance.
- 8. Using the resistance chart in this manual, set the dipswitches to match your resistance as closely as possible
- 9. Make all connections as per the diagram

PLEASE NOTE: For Passlock I installations, you are required to make a connection to the vehicles bulb test wire. This wire (usually black) is always found at the ignition switch, in a black connector with the 2 red wires that supply 12 volts to the ignition switch.

DIP SWITCH SETTINGS

-	-	_		1=	1.	-		204 42 24 2	0 40 001	204 420 120	
011	2 Off	3 Off	4	5	6	7	8			9 Off. 10 On 9 Or	
	_	_	011	OII	Off	011	Off	0	6650	13310	19960
On	Off	OII	011	OII	Off	OII	011	26	6676	13336	19986
OII	On	011	Off	Off	Off	OII	OII	52	6702	13362	20012
On	On	_	Off	OII	011	Off	011	78	6728	13388	20038
Olf	Off	On On	OII	OII	011	Off	Off	103	6753	13413	20063
On Olf	On On	On	011	Oll	OII OII	Off	011	129	6779	13439	20089
_	On	On	OH.	OII	Off	011	Off	155	6805	13465	20115
On	Off	_		_	_		Off	181	6831	13491	20141
On	011	Off	On On	OII	011	Off		206	6856	13516	20166
Oll	On	Off	On	OH	Oll	Off Off	OH	232	6882	13542	20192
On	On	OII	On	OII	Off	011	011	258	6908	13568 13594	20218
Off	Off	On	On	Off	Off	011	Off	284	6934		20244
On	Off	On	On	OII	011	Off	OII	309 335	6959 6985	13619	20269
Oll	On	On	On	OII	Off	Off	OII	361		13645	20295
On	On	On	On	Off	Off	011	Off	387	7011 7037	13671 13697	20321
Off	Off	Off	ОĦ	On	OH	Off	Off	413	7063	13723	
On	O#	Off	OH	On	Off	011	Off	439	7089	13749	20373
Off	On	Off	OII	On	Off	011	Off	465.	7115	13775	20399
On	On	Off	OH	On	Off	Off	0#	491	7141	13801	20451
Off	Off	On	Off	On	Off	Off	Off	516	7166	13826	20476
Оп	OII	On	Off	On	Off	ОĦ	Off	542	7192	13852	20502
Off	On	On	Off	On	Off	Off	Off	568	7218	13878	20528
On	On	On	Off	On	Off	ОĦ	Off	594	7244	13904	20554
Off	Он	Off	On	On	Off	Off	Off	619	7269	13929	20579
On	Off	Off	On	On	Off	Off	Off	645	7295	13955	20605
Off	On	Off	On	On	Off	Off	Off	671:	7321	13981	20631
On	On	Off	On	On	Off	Off	Off	697	7347	14007	20657
Off	Off	On	On	On	Off	Off	Off	722	7372	14032	20682
On	ĕ	On	On	On	Off	Off	OH	748	7398	14058	20708
Off	On	On	On	On	Off	ОH	Off	774	7424	14084	20734
On	On_	On	On	On _	O#	Off	Off	800	7450	14110	20760
OII	Off	Off	Off	Off	On	Off	Off	821	7471	14131	20781
On	Off	Off	Off	Off	On	Off	Off	847	7497	14157	20807
Off	On	Off	Off	OH	On	Off	OH	873	7523	14183	20833
On	On	Off	Off	OH	On	Off	Off	899	7549	14209	20859
Off	OH.	On	Off	OII	On	OH.	Off	924	7574	14234	20884
On	Off	On	Off	OII	On	Off	Off	950	7600	14260	20910
Off	On	On	Off	Off	On	Off	Off	976	7626	14286	20936
On	On	On	Off	Off	On	Off	Off	1002	7652	14312	20962
Off	Off	OII	On	011	On	Off	Off	1027	7677	14337	20987
On	Off	Off	On	011	On	Off	Off	1053	7703	14363	21013
Off	On	Off	On	Oll	On	Off	Off	1079	7729	14389	21039
On	On Off	Off	On	011	On	OII	Off	1105	7755	14415	21065
Oll	Off	On On	Ön On	Oil	On On	Off	OH	1130	7780	14440	21090
On Off	On	On	On	ÖF Ö	On	Off Off	OH OH	1156	7806	14466	21116
On	On	On	On	01	On	Off	Off	1182 1208	7832	14492	21142
Off	Off	Off	Off	On	On	011	Ott	1234	7858 7884	14518 14544	21168 21194
On	Oil.	Off.	OII	On	On	OH.	O#	1260	7910	14570	21220
Off	On	Off	011	On	On	OH	OH	1286	7936	14596	21246
On	On	Off	Off	On	On	OH.	Off	1312	7962	14622	21272
OII	Off	On	Off	On	On	Off	Off	1337	7987	14647	21297
On	Off	On	Off	On	On	Off	Off	1363	8013	14673	21323
Off	On	On	Off	On	On	Off	Off	1389	8039	14699	21349
On	On	On	Ö	On	On	٥ŧ	Off	1415	8065	14725	21375
Off	Off	Off	On	On	On	Off	Off	1440	8090	14750	21400
	Off	011	On	On	On	Off	Off	1466	8116	14776	21426
	On	Off	On	On	On	Off	Off	1492	8142	14802	21452
On	On	Off	On	On	On	011	Off	1518	8168	14828	21478
Off	Off	Qπ	On	On	On	OH	Off	1543	8193	14853	21503
On	Off	On	On	On	On	Off	OII	1569	8219	14879	21529
OII	On	On	On	On	On	Off	011	1595	8245	14905	21555
00	On	On_	On	On	On	OII	Off	1621	8271	14931	21581
Off	Off	011	Oll	Oil	Off	On	Off	1645	8295	14955	21605
On Off	Off	011	011	OII	O#	On	Off	1671	8321	14981	21631
Off	On On	Off	Off	Oil	Off.	On	Off	1697	8347	15007	21657
Or Of	On Off	Off	Off	011	04	On	Oil Oil	1723	8373	15033	21683
Off	ויטו	On	Off	Oil	Off	On	Off	1748	8398	15058	21708

1	12	3	74	5	14	1=	1=	1222	72 2			
On		On	Oil	OH	Off	7 On	8 Olf	a Our		9 On. 10 Off		9 Qn. 10 On
OH			Off	Oil	Off	On	Off	1	1774	8424	15084	21734
On			OH	Off	Off	On	Off	1	1800 1826		15110	21760
Off		Off	On	Off	Off	On	Off	1	1851	8476 8501	15136	21786
On	Off	Off	On	Off	OII	On	OII	1	1877	8527:	15161 15187	21811
Off	Or	ON	On	Off	Off	On	Off	1	1903	8553	15213	21837 21863
On	_	ON	On	Off	Off	On	Off	1	1929	8579	15239	21889
Off	_	On	Ç	Off	Off	On	Off	1	1954	8604	15264	21914
Or		On	On	OH	Off	On	Off]	1980	8630	15290	21940
Off		On	Οn	Off	Off	On	Off	1	2006	8656	15316	21966
On On	_	_	On	Off	Off	On	OII	Į	2032	8682	15342	21992
On		Off	Ou	On On	Off	On	Off	ł	2058	8708	15368	22018
Off	_	OH	Off	On	Off Off	On On	011	1	2084	8734	15394	22044
On	On	ON	Off	On	Off	On	Off	1	2110	8760 8786	15420	22070
Off	Off	On	Off	On	OH	On	OII	1	2161	8811 ¹	15446 15471	22096
On	Off	On	ON	On	Off	On	Off	1	2187	8837	15497	22121 22147
Off	On	On	Off	- On	Off	On	OH	1	2213	8863	15523	22173
On	On	On	Off	On	Off	On	Off	l	2239	8889	15549	22199
Off	Off	Off	O٦	On	Off	On	Off		2264	8914	15574	22224
On	Off	Off	Qn	On	Off	On	Off	l	2290	8940	15600	22250
Off On	On On	Off	On	On	Off	On	Off		2316	8966	15626	22276
Off	Off	Off	On On	On On	Off.	On	Off		2342	8992	15652	22302
On	Off	On	On	On	<u>01</u>	On On	01		2367	9017	15677	22327
Off	On	On	On	On	Off	On	OH		2393 2419	9043	15703	22353
On	On	On	On	On	Off	On	Off		2445	9069	15729	22379
Off	Off	Off	Off	Off	On	On	Off		2466	9116	15755 15776	22405 22426
On	Off	Off	Off	OH	On	On	Off		2492	9142	15802	22420
Off	On	Off	Off	Off	On	On	Off		2518	9168	15828	22478
On	On	Off	Off	Oll	On	On	Off	.,	2544	9194	15854	22504
Off	Off	On.	Off	Off	On	On	OH		2569	9219	15879	22529
On Off	Off	On	OIL.	Off	On	On	Off		2595	9245	15905	22555
On	On	On On	OH OH	Off	On On	On On	Off.		2621	9271	15931	22581
· Off	Off	Off	On	Off	On	On	Off Off		2647 2672	9297	15957	22607
On	Off	Off	On	Off	On	On	Off.		2698	9322 9348	15982	22632
Off	On	Off	On	Off	On	On	Off		2724	9374	16008 16034	22658 22684
On	On	Off	On	Off	On	On	Off		2750	9400	16060	22710
Off	Off	_ ()n	Ðп	Off		On	ŏ		2775	9425	16085	22735
On Off	Off	On	On	Off		Dп	Off		2801	9451	16111	22761
Off	PO: Dri	On On	On On	OT TO		On On	Off		2827	9477	16137	22787
Off	Off	Off	Off	Off On		On On	领		2853	9503	16163	22813
On	Off	ON	Off	On.		On	Of .		2879 2905	9529	16169	22839
Off	On	Off	Off	On-		On	O#		2931	9555 9581	16215	22865
On	On	Off	Off	On		On	Off		2957	9607	16241 16267	22691
Off	Off	On	Off	On		On	Off		2982	9632	16292	22917 22942
On	Off	On	Off	On	Ch	On	Off		3008	9658	16318	22968
Off	On	On	Off	On		On	Off		3034	9684	16344	22994
Off	Off	On	Off	On On		On	Off		3060	9710	16370	23020
On	Off	Oli	On On	or O		On On	Off		3085	9735	16395	23045
Off	On	ON	On			On On	OH OH		3111	9761	16421	23071
On	On	Off	On	On	On	On .	Off			9787	16447	23097
Off	Off	On	On	On	On	On	Off		3188	9613 9638	16473 16498	23123
On	Off	On	On	On		On	Off		3214	9864	16524	23148 23174
Off	On	On	On	On	On	On	Off		3240	9890	16550	23200
On Of	Ол	On	Or	Оп		On	Off		3260	9910	16570	23220
Off	Off	Off	OT .	OII		Off	On		3266	9916	16576	23226
On Off	Off	Off	<u>01</u>	O!		Off.	On		3286	9936	16596	23246
On	On	Off	OH OH	O#		Off	On On		3312	9962	16622	23272
Off	Off	On	OII	O#	-	OII	On		3338 3363	9988	16648	23298
On	Off	On	Off	Off		Oil	On		3389	10013 10039	16673 16699	23323 23349
Off	On	On	Off	Off		OII	On		3415	10065	16725	23349
On	On	On	Off			Off	On		3441	10091	16751	23401
Off	IQII.	Off	On			Off	On		3466	10116	16776	23426
On	Off	IO#	()n	Q#	OII I	OII	Un_		3492	10142	16802	23452

1	2	3'	4.5	6	8	7	8	9 Off. 10 Off	On. 10 Off	9.Off. 10.On	8 On 10 On 1
Off	On	Off	On	OII	Off	Off	Оп	3518	10168	16828	23478
On	On	Off	On	Off	Off	Off	On	3544	10194	16854	23504
Off	Off	On	On	Off	Off	Off	On	3569	10219	16879	23529
On	Off	On	On	Off	Off	Off	On	3595	10245	16905	23555
Off	On	Oc	On	Off	Off	Off	On	3621	10271	16931	23581
Or	On	On	On	Off	Off	Off	On	3647	10297	16957	23607
Off	Off	Off.	Off	On	Off	Off	On	3673	10323	16983	23633
On	Off	Off	Off	nC	Off	Off	On	3699	10349	17009	23659
Off	On	Off	Off.	On	Off	Off	On	3725	10375	17035	23685
On_	On.	Off	Off	On	Off	017	On	3751	10401	17061	23711
Off On	Off.	On	Off	On	Off.	07	On	3776	10426	17086	23736
Off	Off On	On On	Off	On On	Off.	Off.	On	3802	10452	17112	23762
On	On	On	Off	On	Off.	Off	On On	3828	10478	17138	23788
Off	Oil	Off	On	On	Off	Off	On	3854 3879	10504	17164	23814
On	Off	Off	On	On	Off	Off	On	3905	10529 10555	17189	23839
Off	On	Off	On	On	Off	Off	On	3931	10581	17215 17241	23865 23891
On	On	Off	On	On	Off	Off	On	3957	10607	17267	23917
Off	Off	On	On	On	Off	Off	On	3982	10632	17292	23942
On	Off	On	On	On	Off	Off	On	4008	10658	17318	23968
Off	On	On	On	On	Off	Off	Ori	4034	10684	17344	23994
On	On	On	On	On	OW	Off	On	4060	10710	17370	24020
Off	Off	Off	Off.	Off	On	Q#	On	4081	10731	17391	24041
On	Off	Off	Off	On	On	O#	On	4107	10757	17417	24067
Off	On	Off	Off	Oil	On	Off.	On	4133	10783	17443	24093
On .	<u>On</u>	Off	Off	Off	. On	Off	On	4159	10809	17469	24119
Off	Off.	On On	Off.	Ou	On	Off	On	4184	10834	17494	24144
On Off	Off On	On On	Off	Ou	On On	Off	Ou	4210	10860	17520	24170
On	On	On	Off	Off	On	Off	On On	4236	10886	17546	24196
Off	Off	Off	On	011	On	Off	On	4282 4287	10912 10937	17572	24222
On	Off	Off	On	Off	On	Off	On	4313	10963	17597 17623	24247
Off	On	Off	Qn	Off	On	Off	On	4339	10989	17649	24273 24299
On	On	Off	On	Off	On	Off	On	4365	11015	17675	24325
Off	017	On	On	Off	On	Off	On	4390	11040	17700	24350
On	Off	On	On	Off.	On	Off	On	4416	11066	17726	24376
Off	On	On	Or	Off	On	Off	\bigcirc q	4442	11092	17752	24402
On	On	<u>On</u>	On	Off	. On	Off.)n	4468	11118	17778	24428
Off	Off.	01	Off	On	On	Off	()n	4494	11144	17804	24454
Øs O#	Off On	Off	Off	9n	On C	ON.	On O	4520	11170	17830	24480
On On	On	0	Off	On On	On On	Off	On On	4546	11196	17856	24506
Off	011	On	Off	On.	On	Off Off	On .	4572 4597	11222	17882	24532
On.	017	On	Off	()n	On	Off	On	4623	11273	17907	24557
Off	On	On	Off	On	On	Off	On i	4649	11299	17959	24583 24609
On_	On	On	Off	On	On	Off.	On	4675	11325	17985	24635
Off	01	8	On	On	On	Off	Оn	4700	11350	18010	24660
	Off	Off.	On	On	On	ŏ	On	4726	11376	18036	24686
Off	On	Off	On	On	On	Off	On	4752	11402	18062	24712
00	04	OW	Qn On	On	On	Off	On	4778	11428	18088	24738
Off_	OI .	On On	On	On	On	Off	On I	4803	11453	18113	24763
	Off On	On Da	On On	01	On On	Off	On :	4829	11479	18139	24789
Off Eg	Oa	On On	On On	On On	On On	Off.	On On	4855	11505	18165	24815
_	Off	01		Off	Off	Off Off	ା ପଟ	4005	11531	18191	24841
	Off	Off	55	OT	ON.	On	On On	4905 4931	11555 11581	18215 18241	24865
		Off	Off	Off	Off	On	On	4957	11607	18267	24891 24917
		Off	Off	Off	Off	On	On.	4983	11633	18293	24917
	Off	On	Off	Off	Off	On	On	5008	11658	18318	24968
	Off	On	Off	Off	Off	On	Qn .	5034	11684	18344	24994
	On	On	Off	Off	Off	On	On	5060	11710	18370	25020
	On_	On	Off	Off	Off	On	On	5086	11736	18396	25046
	Off	Off.	On	Off	011	On	On	5111	11761	18421,	25071
	Off	Off.	On	Off	Off	On	On	5137	11787	18447	25097
	On :	Off	On On	Off	Off	On	On Da	5163	11813	18473	25123
	On On	Off On	On On	Off	Off	On On	On On	5189	11839	18499	25149
_	Off	On	On	ON ON	Off	On On	On On	5214 8240	11864	18524	25174
70		De			08	(3.44		5240	11890	18550	25200

1	2	3	4	5	6	7	18	9 Off. 10 Off	9 On. 10 Off	9 Off. 10 On	9 On. 10 On
On	On	On	On	OII	OII	On	On	5292	11942	18602	25252
Off	Off	OII	Off	On	Off	Оn	On	5318	11968	18628	25278
On	Off	OII	Oll	On	Oll	On	On	5344	11994	18654	25304
Off	On	Oll	Off	On	Off	On	On	5370	12020	18680	25330
On	On	Off	Off	On	Off	On	On	5396	12046	18706	25356
OII	Off	On	Off	On	Off	On	On	5421	12071	18731:	25381
On	Off	On	Off	On	Off	On	On	5447	12097	18757	25407
Off	On	On	Off	On	Off	On	On	5473	12123	18783	25433
On	On	On	Off	On	Off	On	On	5499	12149	18809	25459
Off	Off	011	On	On	Off	On	On	5524	12174	18834	25484
On	Off	Off	On	On	Off	On	On	5550	12200	18860	25510
Olf	On	Off	On	On	Off	On	On	5576	12226	18886	25536
On	On	Off	On	On	OH	On	On	5602	12252	18912	25562
OII	Off	On	On	On	OII	On	On	5627	12277	18937	25587
Оп	Off	On	On	On	Off	On	On	5653	12303		
Off	On	On	On	On	OH.	On	On	5679	12303		25613
On	On	On	On	On	Off	On	On	5705			25639
Oll	Он	Off	Off	Off	On	On	On	5726			25665
On	Off	OH	Off	Off	On	On	On	5752			25686 25712
Off	On	Off		Off	On	On	On				
On	On	Off	OH	OH	On	Оп	On	5778 5804	12428		25738
Off	Off	On	OH	Off	On	On	On	5829	12454 12479	19114	25764
On	Off	On	Off	Off	On	On	On	5829 5855			25789
Off	On	On	Off	Off	On	On	On				25815
On	On	On	Off	Off	On	On	On	5881			25841
Off	Off	_		_	On			5907			25867
	_	Off	On	Off	-	On	On	5932	1		25892
On	Off	Off	On	Off	On	On	On	5958		,	25918
Off	On	Off	On	Off	On	On	On	5984			25944
On	On	Off	On	Off	On	On	On	6010		,	25970
Off	Off	On	On	Off	On	On	On	6035		19345	25995
On .	Off	On	On	Off	On	Оп	On	6061	12711		26021
Off	On	On	On	Off	On	On	On	6087	12737		26047
On	On	Сп	On	Off	On	On	On	6113		,	26073
Off	Off	Off	Off	On	On	On	On	6139	12789	•	26099
On	Off	OH	Off	On	On	On	On	6165			26125
Off	On	Off	Oil	On	On	On	On	6191		19501	26151
On	On	Off	Off	On	On	On	On	6217			26177
Off	Off	On	Off	On	On	On	On	6242	1		26202
On	Off	On	Off	On	On	On	On	6268			2 622 8
Off	On	On	Off	On	On	On	On	6294	12944		26254
On	On	On	Off	On	On	On	On	6320		•	26280
Off	Off	Off	On	On	On	On	On	6345			26305
On	Off	Off	On	On	On	On	On	6371			26331
Off	On	OH	On	On	On	On	On	6397			26357
On	On	Off	On	On	On	On	On	6423			26383
Off	Ott	On	On	On	On	On	On	6448	1777		26408
On	Off	On	On	On	On	On	On	6474			26434
Off	On	On	On	On	On	On	On	6500			26460
On	On	On	On	On	On	On	On	6526	13176	19836	26486