

AUTOPASS GM Passlock I, II Passkey & VATS Interface kit

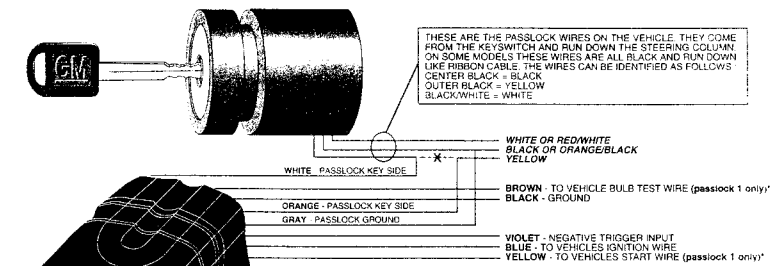
Wiring Diagram

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!!

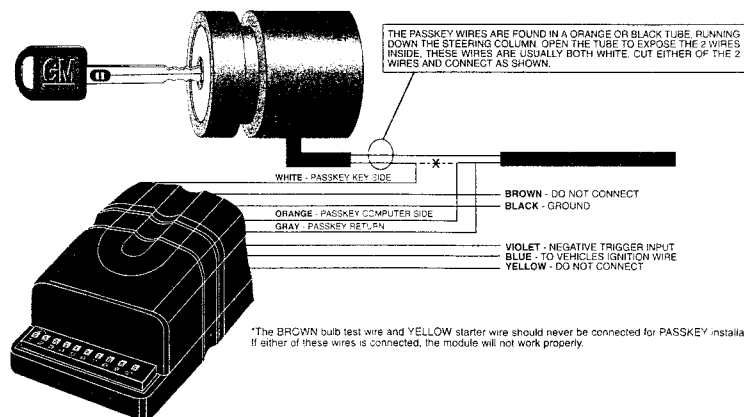
See charts next page for resistance values.

Passlock I & II



*The BROWN bulb test wire and YELLOW starter wire should only be connected for PASSLOCK I systems. If these 2 wires are connected with a PASSLOCK II system, the module will not work properly.

Passkey & V.A.T.S.



*The BROWN bulb test wire and YELLOW starter wire should never be connected for PASSKEY installations. If either of these wires is connected, the module will not work properly.

INSTALLATION INSTRUCTIONS

The AUTOPASS module is used when installing remote start products on any GM vehicles equipped with either the Passlock I, Passlock II, 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 Cavalier 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

1. 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

1. 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.
5. 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	2	3	4	5	6	7	8	9 Off, 10 On	9 On, 10 Off	9 Off, 10 On	9 On, 10 On
Off	Off	Off	Off	Off	Off	Off	Off	0	6650	13310	19960
On	Off	Off	Off	Off	Off	Off	Off	26	6676	13336	19986
Off	On	Off	Off	Off	Off	Off	Off	52	6702	13362	20012
On	On	Off	Off	Off	Off	Off	Off	78	6728	13388	20038
Off	Off	On	Off	Off	Off	Off	Off	103	6753	13413	20063
On	Off	On	Off	Off	Off	Off	Off	129	6779	13439	20089
Off	On	On	Off	Off	Off	Off	Off	155	6805	13465	20115
On	On	On	Off	Off	Off	Off	Off	181	6831	13491	20141
Off	Off	Off	On	Off	Off	Off	Off	206	6856	13516	20166
On	Off	Off	On	Off	Off	Off	Off	232	6882	13542	20192
Off	On	Off	On	Off	Off	Off	Off	258	6908	13568	20218
On	On	Off	On	Off	Off	Off	Off	284	6934	13594	20244
Off	Off	On	On	Off	Off	Off	Off	309	6959	13619	20269
On	Off	On	On	Off	Off	Off	Off	335	6985	13645	20295
Off	On	On	On	Off	Off	Off	Off	361	7011	13671	20321
On	On	On	On	Off	Off	Off	Off	387	7037	13697	20347
Off	Off	Off	Off	On	Off	Off	Off	413	7063	13723	20373
On	Off	Off	Off	On	Off	Off	Off	439	7089	13749	20399
Off	On	Off	Off	On	Off	Off	Off	465	7115	13775	20425
On	On	Off	Off	On	Off	Off	Off	491	7141	13801	20451
Off	Off	On	Off	On	Off	Off	Off	516	7166	13826	20476
On	Off	On	Off	On	Off	Off	Off	542	7192	13852	20502
Off	On	On	Off	On	Off	Off	Off	568	7218	13878	20528
On	On	On	Off	On	Off	Off	Off	594	7244	13904	20554
Off	Off	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	Off	On	On	On	Off	Off	Off	748	7398	14058	20708
Off	On	On	On	On	Off	Off	Off	774	7424	14084	20734
On	On	On	On	On	Off	Off	Off	800	7450	14110	20760
Off	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	Off	On	Off	Off	873	7523	14183	20833
On	On	Off	Off	Off	On	Off	Off	899	7549	14209	20859
Off	Off	On	Off	Off	On	Off	Off	924	7574	14234	20884
On	Off	On	Off	Off	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	Off	On	Off	On	Off	Off	1027	7677	14337	20987
On	Off	Off	On	Off	On	Off	Off	1053	7703	14363	21013
Off	On	Off	On	Off	On	Off	Off	1079	7729	14389	21039
On	On	Off	On	Off	On	Off	Off	1105	7755	14415	21065
Off	Off	On	On	Off	On	Off	Off	1130	7780	14440	21090
On	Off	On	On	Off	On	Off	Off	1156	7806	14466	21116
Off	On	On	On	Off	On	Off	Off	1182	7832	14492	21142
On	On	On	On	Off	On	Off	Off	1208	7858	14518	21168
Off	Off	Off	On	On	Off	Off	Off	1234	7884	14544	21194
On	Off	Off	On	On	Off	Off	Off	1260	7910	14570	21220
Off	On	Off	Off	On	On	Off	Off	1286	7936	14596	21246
On	On	Off	Off	On	On	Off	Off	1312	7962	14622	21272
Off	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	Off	On	On	Off	Off	1415	8065	14725	21375
Off	Off	Off	On	On	On	Off	Off	1440	8090	14750	21400
On	Off	Off	On	On	On	Off	Off	1466	8116	14776	21426
Off	On	Off	On	On	On	Off	Off	1492	8142	14802	21452
On	On	Off	On	On	On	Off	Off	1518	8168	14828	21478
Off	Off	On	On	On	On	Off	Off	1543	8193	14853	21503
On	Off	On	On	On	On	Off	Off	1569	8219	14879	21529
Off	On	On	On	On	On	Off	Off	1595	8245	14905	21555
On	On	On	On	On	On	Off	Off	1621	8271	14931	21581
Off	Off	Off	Off	Off	Off	On	Off	1645	8295	14955	21605
On	Off	Off	Off	Off	Off	On	Off	1671	8321	14981	21631
Off	On	Off	Off	Off	Off	On	Off	1697	8347	15007	21657
On	On	Off	Off	Off	Off	On	Off	1723	8373	15033	21683
Off	Off	On	Off	Off	Off	On	Off	1748	8398	15058	21708

