

## **Protel Extension Option Board Installation onto a Flash 7000 Chassis**

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1. If the phone is operational, lift the receiver off hook and then dial the reporting command \*#2. When the computer answers, hang up. The reporting process is complete when dial tone can be heard in the receiver. Dial \*#6 to confirm the communication.
2. Remove the chassis assembly from the lower housing. Open the chassis assembly cover by releasing the locking lever hook latch located just below the ground tab at the bottom of the chassis assembly. Unplug the nicad battery before attempting to lift cover.
3. Locate the lock tab in the center of the chassis circuit board. The lock tab is labeled "Push" with an arrow pointed to the right. Locate the two remaining chassis locking tabs at the bottom chassis circuit board. Push the center lock tab to the right while pushing the lower lock tabs outwards and release the circuit board from the mounting bracket.
4. At the top of the chassis circuit board, locate the connectors for the ECS 2 option boards, JK1 and JK2. If the ECS 2 option board is installed, the connector labels can be seen by looking underneath the ECS 2 board at the top of the chassis.
5. Turn the chassis circuit board over. With the component side of the chassis facing downward, locate the two sets of rear holes for connectors JK1 and JK2. These connectors are not labeled on the rear of the chassis board. The Extension option board will use the inside row of holes for JK1 and JK2.
6. Locate the Extension option board and plastic insulator in the kit package. Place the plastic insulator over the bottom of the option board, inserting the option board pins P1 and P2 through the holes in the plastic insulator. Mount the option board to the chassis circuit board by inserting pins P1 and P2 into the inside row of holes on the rear of JK1 and JK2 and press the option board flat to the chassis. The option board should be mounted such that the connectors P3 and P4 on the option board will be at the bottom.
7. Locate the black chassis interface cable in the kit package. It is 5 and ½ inches in length with a red four pin connector at one end and a black seven pin connector at the other. Locate the gold L shaped set of pins in the kit package. Insert the short side of the L into the seven pin connector of the interface cable. You will notice a blocked hole in the connector that will match up with a missing pin on the short side of the L.
8. On the front of the chassis board, locate the seven pin connector JD2. It is directly above the trigger switch connector JH. Turn the chassis over and locate the rear of JD2. Plug the long side of the L pins on the interface cable into the rear holes of JD2. Plug the red four pin female connector of the interface cable into the red four pin male connector (P3) on the option board. Note the connector will only go on one way.
9. Locate and plug the 14 inch modular phone cord into the RJ11 jack (P4) on the option board. Locate and plug the RJ11 to RJ11 modular coupler to the other end of the phone cord now attached to the option board.
10. Insert the chassis circuit board back into the mounting bracket and close the cover. Be sure to dress the phone cord and coin box alarm cable, if applicable, such that they fit into the slot on the top cover of the mounting bracket and are not pinched when top cover is closed.
11. Reinstall and reinitialize the chassis. Then, secure the upper and lower housings of the phone together.