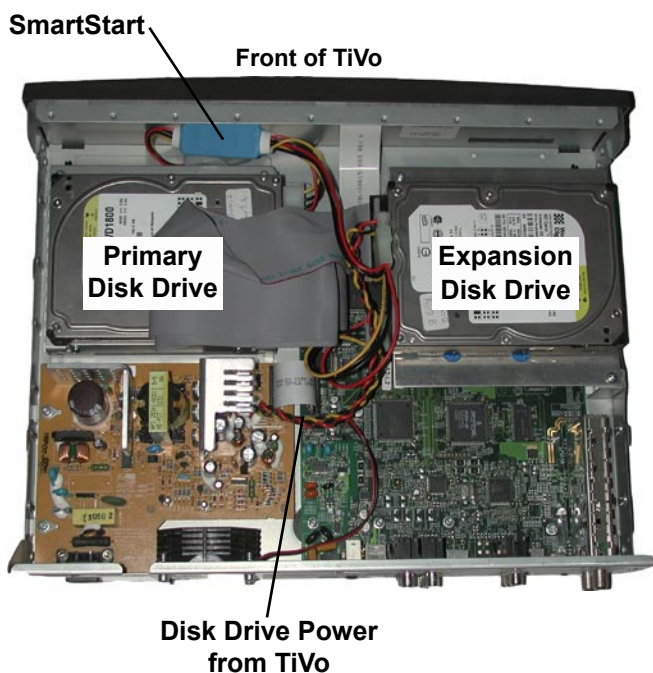


# PTVupgrade SmartStart™

## Digital Video Recorder Power Supply Protection



### PTVupgrade SmartStart Installation Steps

- 1) **Disconnect the AC power cord from the TiVo unit**, disconnect all video cables.
- 2) Follow installation instructions for installing the bracket and expansion disk drive; installation instructions for all PTVupgrade kits can be found at:  
**<http://www.ptvupgrade.com/support>**
- 3) Disconnect (red/black - yellow/black) disk drive power cable from the Primary disk drive.
- 4) Connect the Red/Yellow/Black disk drive Y-power splitter cable that is included with your kit to the just disconnected TiVo disk drive power cable.
- 6) Connect one end of the Y-power splitter to the PTVupgrade SmartStart.
- 7) Connect the other end of the Y-power splitter to the **EXPANSION** disk drive located on the newly installed bracket.
- 8) Connect the other end of the PTVupgrade SmartStart to the **PRIMARY** disk drive. **IMPORTANT: SmartStart must be connected to PRIMARY disk drive, failure to do so can result in corruption of the software on your TiVo.**
- 9) Place the PTVupgrade SmartStart in the front of the TiVo unit between the front bezel and primary disk drive; be mindful to not displace any other cables in the unit.
- 10) Follow expansion drive installation instructions to close unit.

### PTVupgrade SmartStart

SmartStart™ is a power supply protection system designed exclusively for the TiVo® Digital Video Recorder (DVR). SmartStart effectively addresses concerns related to the concurrent startup of multiple disk drives.



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