

# Hitachi Global Storage Technologies

## Quick installation guide Hitachi Travelstar 40GNX 2.5 inch ATA/IDE hard disk drive

Models: IC25N040ATCS05  
IC25N020ATCS05



### Handling precautions

- Wear a grounded wrist strap while handling the drive to prevent damage from Electrostatic Discharge (ESD).
- Set the drive down gently to prevent damage from impact or vibration.
- Do not open the ESD bag containing the drive until needed.
- Handle the drive carefully by the edges. Do not touch the exposed printed circuit board or any electronic components.
- Do not press on the top or bottom of the drive.
- Do not cover the drive's breather hole.

### Quick installation

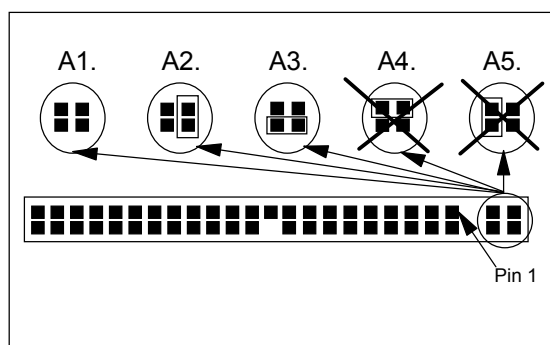
*Installation of this Hitachi Travelstar drive in some notebooks may require use of unique hardware (such as mounting trays, connecting cable, insulating material). If you are uncertain if hardware is needed, consult your notebook manufacturer as this operation may require a qualified technician.*

*Back up all data before proceeding with installation.*

#### 1. Set the jumpers

- **Master drive.** No jumper is required if the drive is the only drive in a system or the Master drive in a two-drive system.
- **Slave drive.** If this is the Slave drive in a system, place a jumper in setting A2. (See the A2 setting in the illustration.)
- **Cable Select.** Setting A3 in the illustration. Consult the system manual to see if your computer supports Cable Select.

#### Jumper settings



A1. Master    A2. Slave    A3. Cable Select  
A4 & A5. Never attach a jumper in these positions!

#### 2. Attach the drive

For assistance on the physical installation of the drive, consult your system manual.

#### 3. Configure the computer

1. Turn on the computer.
2. Enter Setup.
3. Go to Hard Disk Drive Configuration.
4. Select Autodetect if it is available.
5. If Autodetect is not available, set to User and set to appropriate parameters from the table below.
6. Save the settings.
7. Exit.
8. Reboot the system from a floppy disk.

Model Number	Cylinders	Heads	Sectors/Track	Capacity (GB)
IC25N040ATCS05	16,383	4	63	40
IC25N020ATCS05	16,383	2	63	20

#### 4. Partition and format

- **FDISK.EXE and FORMAT.EXE** (or similar partitioning software from the operating system)

Follow the instructions provided with your operating system to partition the drive. If FDISK.EXE recognizes only 8.4 GB of a drive larger than 8.4 GB, the BIOS may not support Interrupt 13 Extensions.

Format the drive by following the instructions provided with FORMAT.EXE. Formatting will verify the hard disk media and create file allocation tables for the partition.

For additional instructions on how Partition and Format your hard drive, see the Partitioning and Formatting Reference Guide at [www.hgst.com/support](http://www.hgst.com/support)

#### 5. Boot up the computer

If the system does not boot up after the installation of the drive, check all the settings. If the system still fails to boot up, contact the Hitachi Global Storage Technologies Support Center.

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