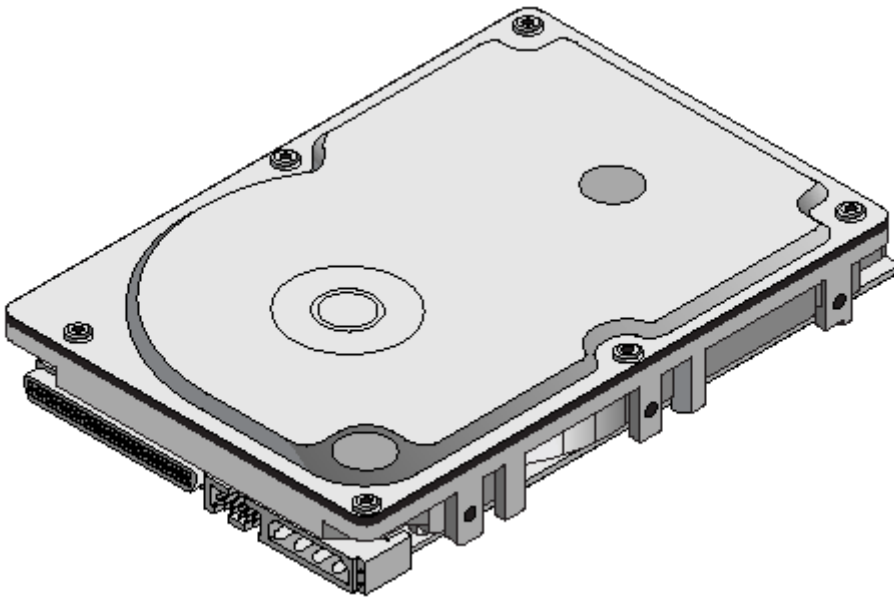


THE HARD DRIVE PICTORAL



THIS IS THE STANDARD
HARD DRIVE UTILIZED
FOR ALMOST ALL
"SINGLE PROCESSOR"
ADVANTAGE BUSINESS
COMPUTER SYSTEMS.

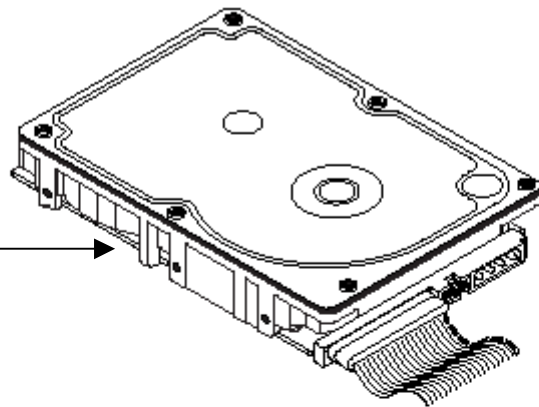
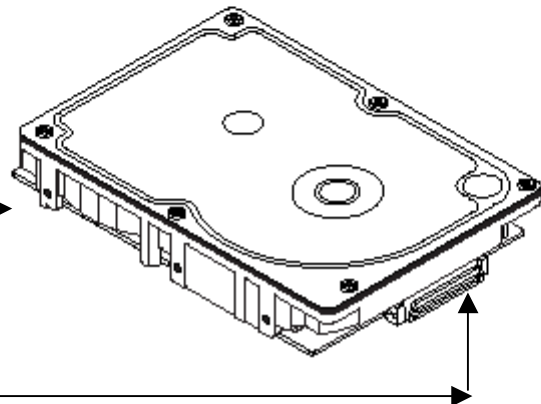
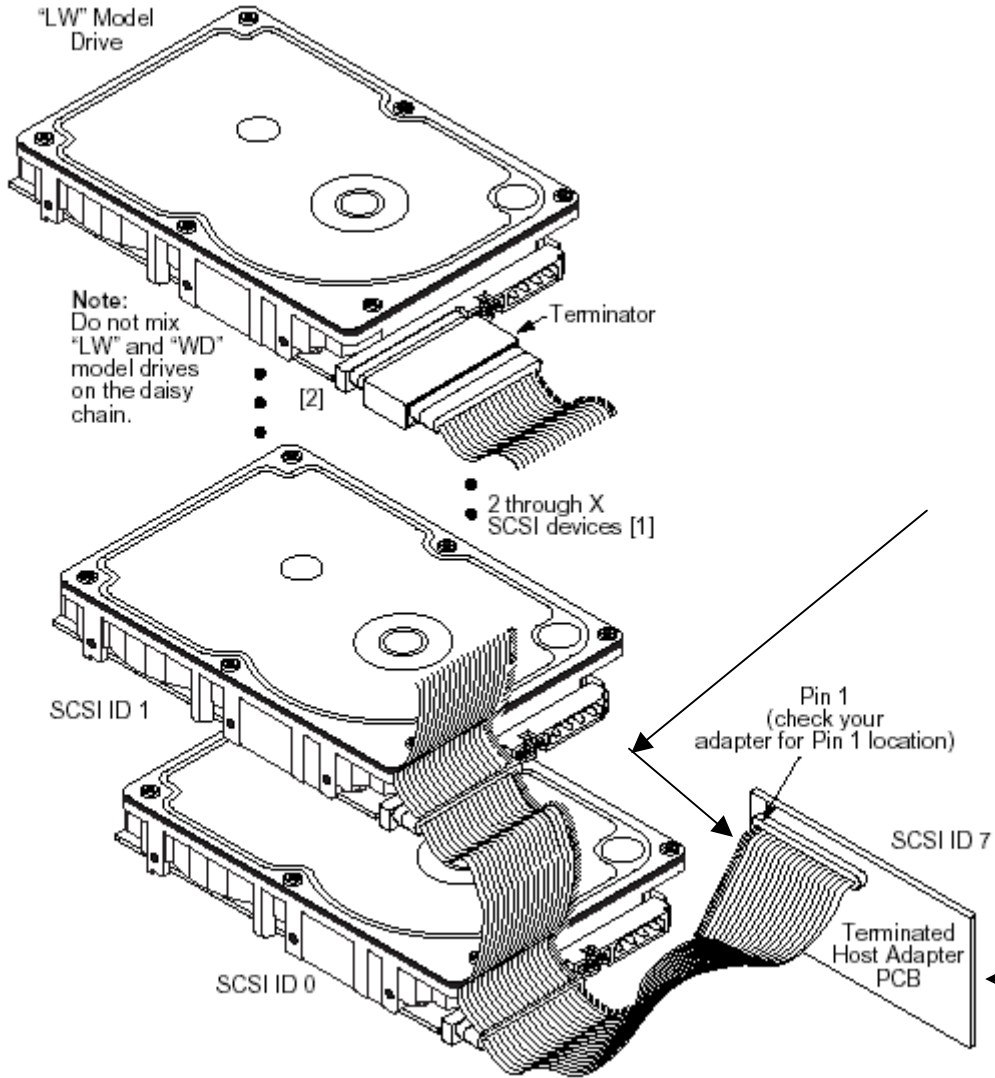


Figure 3. 68-pin I/O connection to drive (LW model)

THIS HARD DRIVE IS
TYPICALLY UTILIZED
ON ALL DUAL/OR
QUAD MULTI-
PROCESSOR SYSTEMS.
NOTICE THE CENTER
CABLE CONNECTION



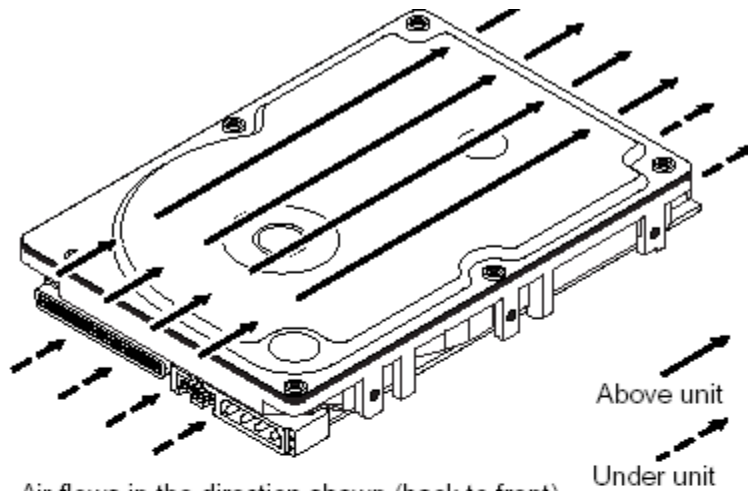
THIS IS A SIMULATION OF A MULTI-HARD DRIVE NON-RAIDED ADVANTAGE SYSTEM. PLEASE NOTE THE ID'S OF THE DRIVES, AND THE TERMINATION LOCATION



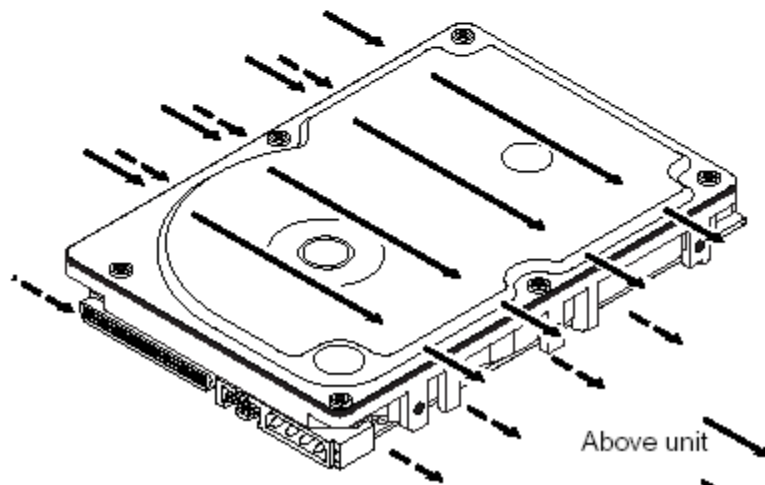
NOTICE THE RED STRIPE LOCATED ON THE EDGE OF THE CABLE. THIS IS VERY IMPORTANT.

THIS WOULD BE OUR STANDARD ADAPTEC 2940 OR 29160 ULTRA WIDE CONTROLLER CARD. NOTICE THE STRIPE ON THE DATA CABLE.

THIS IS A STANDARD MULTI-HARD DRIVE DAISY CHAIN. PLEASE NOTICE THE DIFFERENT ID OF THE DRIVES AND THE IDENTIFICATION FEATURES OF THE CABLE.



Note. Air flows in the direction shown (back to front)
or in reverse direction (front to back)



THIS IS A PICTORAL OF HOW THE AIR NEEDS TO FLOW AROUND YOUR HARD DRIVES. REMEMBER, IF A FAN STOPS WORKING, THIS SHOULD BE CONSIDERED AN EMERGENCY CONDITION FOR YOUR COMPANY. OVERHEATING IS ONE OF THE MAIN CONTRIBUTING ELEMENTS OF A PANICED SYSTEM. DO NOT TAKE THIS SITUATION LIGHTLY!

Setting the SCSI ID jumpers

Use the J6 connector to set the SCSI ID (see Figure 11). To change the SCSI ID, install jumpers as shown in the illustration.

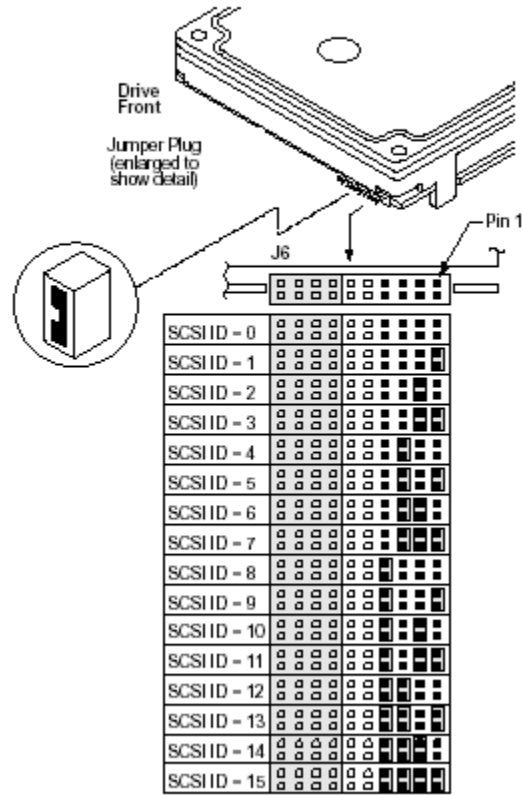
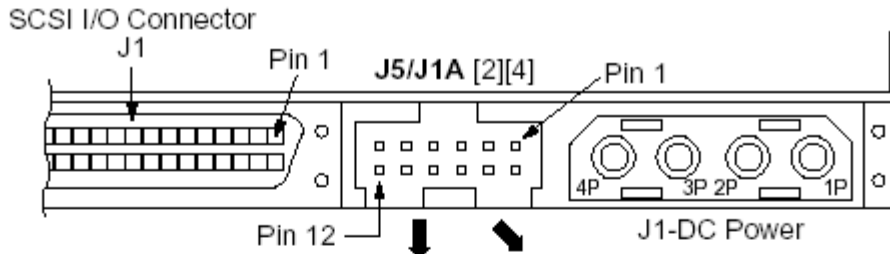


Figure 11. Setting the SCSI ID on LW drives



	J1A Pin 1	SCSI ID = 0
SCSI Address A0	□ □ □ □ ■	□ □ ■ ■ ■ ■ ■
SCSI Address A1	□ □ □ ■ □	□ □ ■ ■ ■ ■ ■
SCSI Address A2	□ □ ■ □ □	□ □ ■ ■ ■ ■ ■
SCSI Address A3	□ □ ■ □ □	□ □ ■ ■ ■ ■ ■
No connection	■ ■ □ □ □	□ □ ■ ■ ■ ■ ■
+5V	■ □ □ □ □	□ □ ■ ■ ■ ■ ■
Fault LED*	□ □ □ □ □	□ □ ■ ■ ■ ■ ■
Vendor Unique*	□ □ □ □ □	□ □ ■ ■ ■ ■ ■
Reserved	□ □ □ ■ □	□ □ ■ ■ ■ ■ ■
Activity LED*	□ □ □ □ □	□ □ ■ ■ ■ ■ ■
Ground	□ □ □ □ □	□ □ ■ ■ ■ ■ ■
		SCSI ID = 1
		SCSI ID = 2
		SCSI ID = 3
		SCSI ID = 4
		SCSI ID = 5
		SCSI ID = 6
		SCSI ID = 7
		SCSI ID = 8
		SCSI ID = 9
		SCSI ID = 10
		SCSI ID = 11
		SCSI ID = 12
		SCSI ID = 13
		SCSI ID = 14
		SCSI ID = 15

* These pins are driven low for 250 ms after PWR ON or RESET to allow jumper selectable SCSI ID as shown to the right.

