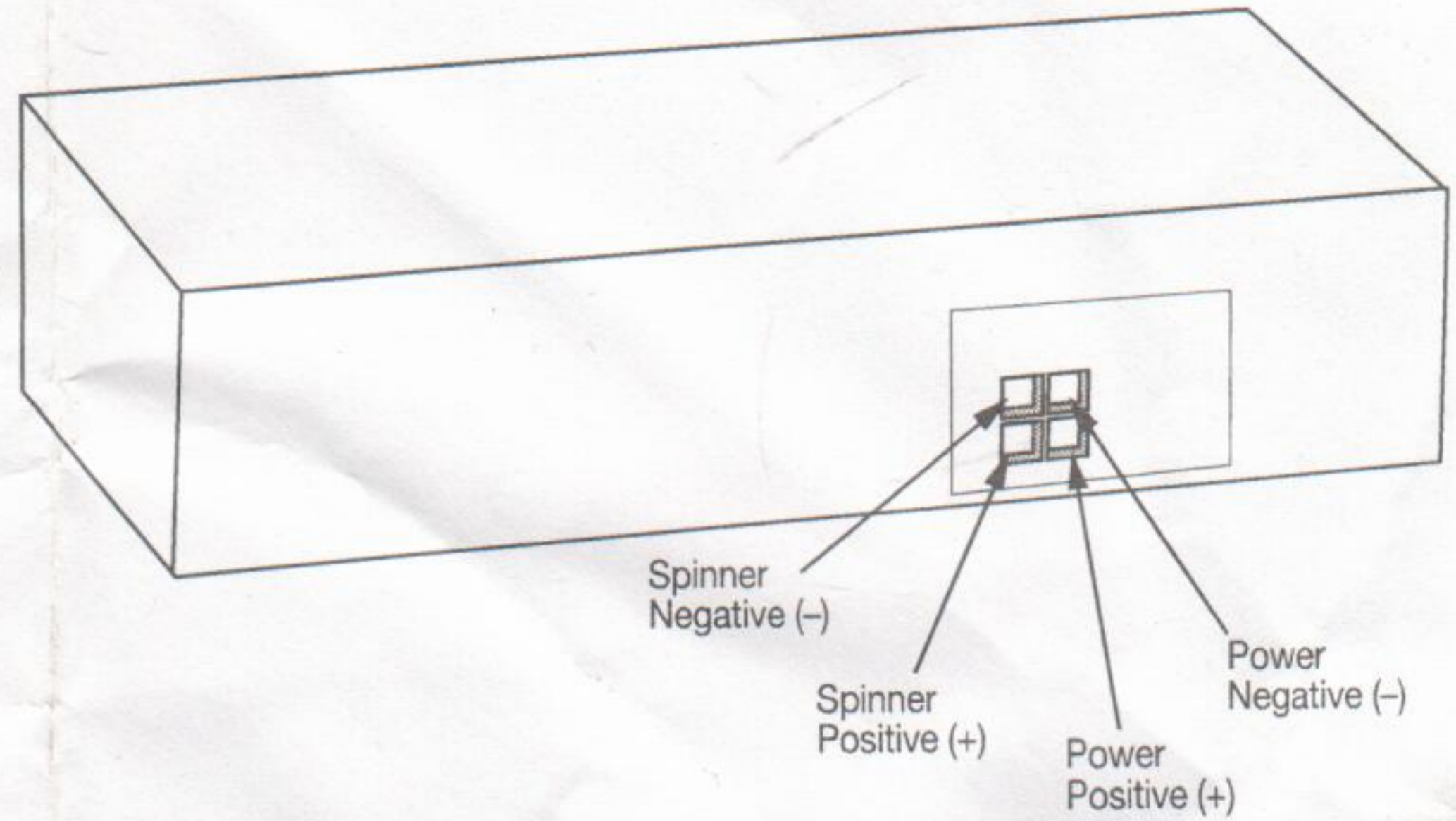


Installation Instructions

9032020 Spreader Speed Controller Replaces Snow Ex Controller D6320

INSTALLATION.

1. Turn off trucks engine.
2. Disconnect existing controller.
3. Make sure that original place is suitable for controller installation, i.e. controller has ample air circulation; controller is not installed in front of air duct; controller is not installed in the pass of air bag deployment.
4. Inspect wire harnesses for broken, missing insulation, exposed wires. Replace if necessary. Inspect terminals for corrosion, proper connection to wires. Clean, apply dielectric grease, replace if necessary.
5. Connect wires according to diagram shown.



SPREADER OPERATION/ WARNINGS.

1. To start spreader flip power switch into ON position. Switch will illuminate. Spreader motor will accelerate to full speed and then slow down to originally selected speed. Motor lowest speed shown on display as 10, highest speed shown as 99.
2. To accelerate spreader to full speed for short time, press and hold BLAST button.

CONTROLLER WARNINGS

SYSTEM STATUS	SPEED DISPLAY	CORRECTIVE ACTION
CONTROLLER CALIBRATION OUT OF SPEC	L ON DISPLAY	REPLACE CONTROLLER
MOTOR INTERNAL FUSE IS BLOWN.	Fu	REPLACE FUSE, CHECK MOTOR, WIRE HARNESS FOR SHORTS
MOTOR IS DISCONNECTED	SP	CONNECT MOTOR
SPINNER MOTOR OVERLOADED, JAMMED.	"SPEED" NUMBER BLINKING	REMOVE OVERLOAD SOURCE
TRUCK BATTERY VOLTAGE LOWER THAN 10 VOLTS.	Lo and BUZZER ON	CHECK TRUCK ELECTRICAL SYSTEM
CONTROLLER INSIDE TEMPERATURE IS OVER 70C (158F)	CC	RELOCATE CONTROLLER TO IMPROVE AIR CIRCULATION
WIRE HARNESS SHORT CIRCUIT CLOSE TO CONTROLLER	HH	CHECK WIRE HARNESS, MOTOR FOR SHORTS
INTERNAL ERROR	EE	CHECK WIRE HARNESS, MOTOR FOR SHORTS.
MOTOR SHORT CIRCUIT OR WIRE HARNESS SHORT CIRCUIT CLOSE TO MOTOR.	"SPEED" BLINKING and BUZZER ON	INSPECT FOR JAMS. IF NONE FOUND, INSPECT MOTOR, WIRE HARNESS CONNECTORS FOR SHORTS.

MAINTENANCE.

1. Remove controller from truck in the off season. Apply dielectric grease on terminals.
2. Store controller in cool, dry place.

WARRANTY

Buyers Products Co. warrants all truck/trailer hardware manufactured or distributed by it, to be free from defects in material and workmanship for a period of one year from date of shipment. Parts must be properly installed and used under normal conditions. Any product which has been altered, including modification, misuse, accident or lack of maintenance will not be considered under warranty. Normal wear is excluded. The sole responsibility of Buyers Products Co. under this warranty is limited to repairing or replacing any part or parts which are returned, prepaid, and are found to be defective by Buyers Products Co. Authorization from Buyers Products Co. must be obtained before returning any part. No charges for transportation or labor performed on Buyers' products will be allowed under this warranty.