



TO INFORM YOU

**PRODUCT  
SUPPORT  
BULLETIN # 328**

**TO:** AUTHORIZED *Portable Electric Tool* SERVICE STATIONS  
BRANCH OFFICE/SERVICE CENTERS, BRANCH MANAGERS  
REGIONAL MANAGERS, DISTRICT MANAGERS, SALES SUPPORT REPRESENTATIVES

**DATE:** OCTOBER, 1998

**FROM:** Corbert A. Garb - National Service Manager

**TOOL(S) \ PRODUCT(S) AFFECTED**

4202, 4203 Full-Wave Mag Stand, 4201, 4221, 4231 Half-Wave Mag Stand

**SUBJECT:** 23-35-0312 Full-Wave Magnetic Base Control Panel Kit – (4202, 4203 Mag Stand) **List Price** \$ 307.45  
23-35-0321 Half-Wave Magnetic Base Control Panel Kit – (4201, 4221, 4231 Mag Stand)

**SERVICE INSTRUCTION NOTE**

**23-35-0311 Control Panel can be replaced by one of two Control Panel service kits.**

Ordering a 23-35-0311 Control Panel, the customer receives a 23-35-0312 Full-Wave Magnetic Base Control Panel Kit containing Control Panel, Lead Assembly, four (4) Dual Lock Velcro® Tabs, 54-30-0152 Control Panel Service Parts List and the following Service Instruction Note.

**23-35-0312 FULL-WAVE** MAGNETIC BASE CONTROL PANEL KIT, **23-35-0321 HALF-WAVE** MAGNETIC BASE CONTROL PANEL KIT  
**Service Instruction Note** reads...

**WARNING!**

If a **Full-Wave** (23-35-0312) Panel Kit is installed into a Stand with a **Half-Wave\*** Magnetic Base, the panel will be destroyed, when the magnet is energized. The entire panel will have to be replaced.

If a **Half-Wave** (23-35-0321) Panel Kit is installed into a Stand with a **Full-Wave** Magnetic base, the magnet will energize but, the motor will not function.

TO DETERMINE IF THE MAGNETIC BASE IS HALF-WAVE OR FULL-WAVE, DISCONNECT THE TWO (2) RED MAGNET LEADS FROM THE STAND'S CONTROL PANEL AND MEASURE THE RESISTANCE ACROSS THE LEADS. THE RESISTANCE OF A PROPER OPERATING **FULL-WAVE** MAGNETIC BASE WILL BE BETWEEN **97 AND 119 OHMS**. A **HALF-WAVE** BASE WILL BE BETWEEN **37 AND 45 OHMS**.

\*When servicing a **4201, 4221 or 4231 Half-Wave** Magnetic Base Stand the customer will need to use & have to re-order a **23-35-0321 Half-Wave Magnetic Base Control Panel Kit**.

If you are able to **pre-qualify** the stand being repaired as a 4201, 4221 or 4231, you will save a circumstance of a 23-35-0312 Full-Wave Magnetic Base Control Panel Kit being returned for full credit.

This bulletin is for informational purposes; PLEASE NOTE ON SERVICE PARTS LIST BULLETIN: DOMESTIC, **54-46-2200**, -2201, -2202, -2203, -2204, -2205, -2301, -2302, -2303, -2304, -2305, -2401, -2402, -2403, -2404, -2405, -2225, -2226, -2227, -2228, -2250