

FAULT CODES

LIGHT INDICATORS OF 4200 SERIES RETROFIT

AUTO-START

NORMAL WORKING CONDITIONS:

1. CLEAR LIGHT ON RED – POWER ON, NORMAL CHARGE.
2. CLEAR LIGHT ON GREEN – POWER ON, EQUALIZE CHARGE. ACTIVATED WHEN SWITCH IS TOGGLED ON.
3. YELLOW LIGHT ON – BATTERY HAS REACHED 80% CHARGE.
4. GREEN LIGHT ON – CHARGE COMPLETE.

CODE	CAUSE	ACTION
E 01	WRONG BATTERY VOLTAGE.	BE SURE BATTERY AND CHARGER VOLTAGE ARE THE SAME. VERIFY VOLTAGE JUMPER ON BOARD.
E 02	CHARGER TIMED OUT BEFORE BATTERY WAS FULLY CHARGED.	USUALLY INDICATES EITHER A FAULTY OR OVER DISCHARGED BATTERY.
E 11	IF ERROR CODE IS DISPLAYED BEFORE THE LINE CONTACTOR IS ACTIVATED, THEN TOO MUCH RIPPLE IS PRESENT. IF ERROR CODE IS DISPLAYED AFTER THE LINE CONTACTOR IS ACTIVATED, THEN NO RIPPLE IS PRESENT.	INDICATES EITHER THAT AC IS PRESENT AT THE BOARD TOO EARLY, (POSSIBLY A SHORTED LINE CONTACTOR). OR THAT THE BATTERY HAS A BAD CELL. INDICATES AC IS NOT PROPERLY REACHING THE CHARGER. CHECK ALL AC CONNECTIONS AND VERIFY AC POWER IS GETTING TO THE CHARGER.
E 12	CHARGER DID NOT SHUT OFF WHEN DC WAS DISCONNECTED.	USUALLY OCCURS ON THE OLDER CHARGERS. CALL ALLTECH TO OBTAIN ADJUSTMENT INFORMATION.
E 13	EEROM ERROR ON BOARD.	USUALLY CAUSED BY AN AC SPIKE ON THE BOARD. BOARD WILL NEED TO BE REPLACED OR REPAIRED.