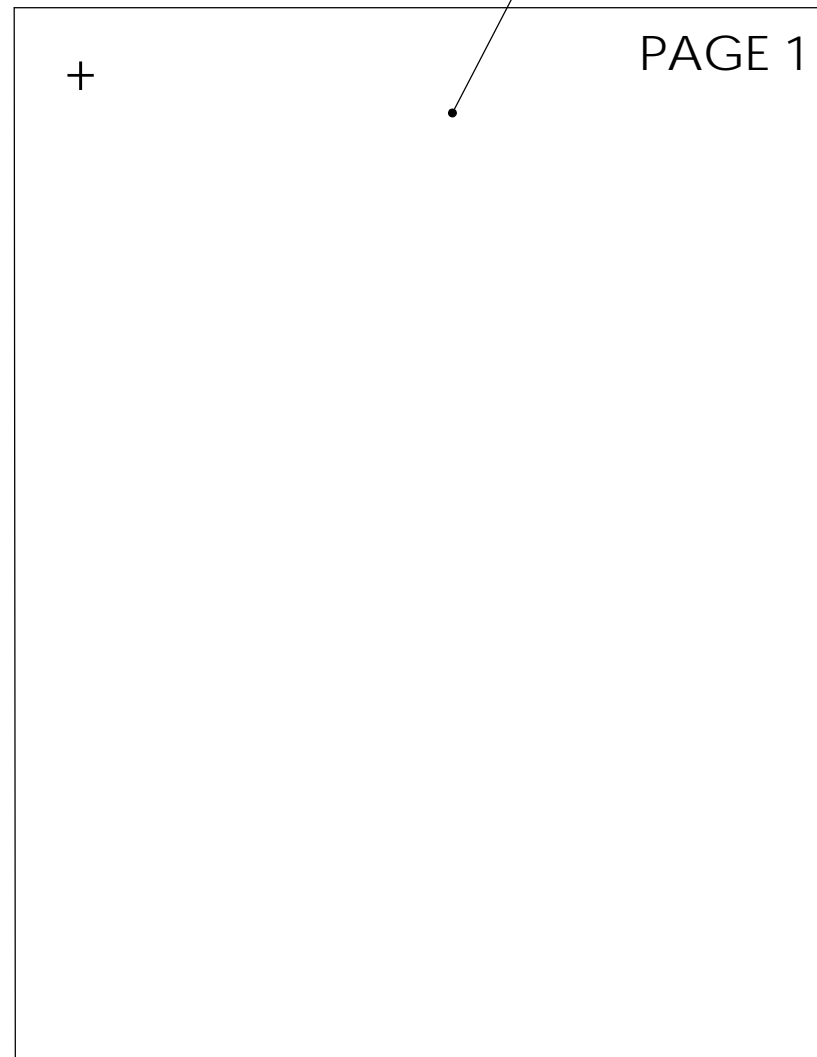


REV.	ECO#	DESCRIPTION	DRAWN BY	DRAWN DATE	MECH. ENG.	ELEC. ENG.	DEPT. MGR.
1	21207	INITIAL RELEASE FOR NEW PART	AMS	05/23/12	MRG	-	MRG
2	21392	ADDED "WEAK CHARGE" RESULT	AMS	09/06/12	MRG	-	MRG
3	22921	UPDATED ARTWORK TO REV B	AMS	08/12/14	MRG	-	MRG

FRONT AND TOP OF SHEET
PAGE 2 ON BACK SIDE



NOTES:

- 1) PRINT ON 8.5" x 11" PAPER DOUBLE-SIDED.
- 2) 5 MILS THICK LAMINATE 9" x 11.5"
- 3) DRILL A .25" DIAMETER HOLE ON THE "+" MARK THROUGH ALL PAGES.
- 4) ARTWORK IMAGE ON THIS PRINT IS FOR REFERENCE USE ONLY. CONTACT AUTO METER FOR PRODUCTION ARTWORK.

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REV.	ECO#	DESCRIPTION	DRAWN BY	DRAWN DATE	MECH. ENG.	ELEC. ENG.	DEPT. MGR.
3	-	See Sheet1	-	-	MRG	-	MRG

XCPRO-80 Battery Charging System

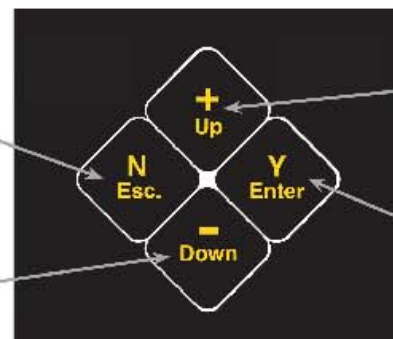


WARNING!
FOR HYBRID VEHICLES
 DO NOT connect the charging battery wires to the vehicle.
 DO NOT connect the vehicle to the battery charger.
 Keep the 2 red charging wires from touching each other.
ADVERTENCIA!
PARA DE VEHICULOS HIBRIDOS
 No conecte el cable de carga a la batería del vehículo.
 No conecte el vehículo a la estación de carga.
 Mantenga los cables de carga roja separados uno del otro.
 No permita que los cables de carga roja se toquen.



• Charges 6, 8, and 12 volt batteries.

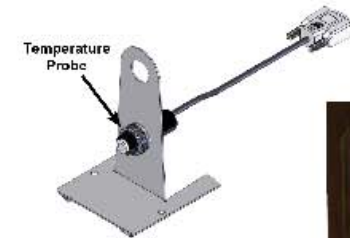
- (1) Cancels a charge or progression.
- (2) Returns to the previous menu screen.
- (1) Moves the cursor down in order to select a menu line.
- (2) Decreases certain display values. ie CCA



- (1) Moves the cursor up in order to select a menu line.
- (2) Increases certain display values. ie CCA
- (1) Selects the Menu. Cursor line item.
- (2) Press 'Y' / Enter to charge progression.
- (3) Enters item.



Temperature Probe Port



Place temperature probe so that it points at the side of the battery, 2 to 4 inches away.



Displays menus and charge results.

1

How to Use the Battery Charger



WARNING: Safety glasses or goggles must be worn when using the charger.

Charging a battery **WARNING: Use caution handling if battery temperature exceeds 140°.**

- Startup screen will be displayed automatically when unit is first turned on. Press 'Y' for menu.
- Menu screen will display cursor pointing to >Charge. Press 'Y' to continue.
- Connect clamps to battery. **Red clamp to (+) Positive battery post**
Black clamp to (-) Negative battery post proceed to the next function.
- XCPRO-80 automatically measures and monitors the battery temperature. The XCPRO-80 will automatically proceed to the next function.
NOTE: If the battery is over 120°F, the XCPRO-80 will prompt you to allow the battery to cool before proceeding with charging the battery.
- Enter the CCA rating for the battery. Use the + / Up and the - / Down keys to change the rating. Press Y / Enter key to continue once the rating has been entered.
- Scroll down to choose type of battery.

Starting Standard	Deep Cycle STD
Starting AGM	Gel Cell
Deep Cycle AGM	
- Fast Charge Mode:** Quickly charges the battery up to level that it can be put back into service, and the remaining charge will be put back into the battery with the vehicles charging system. **Full Charge Mode:** Provides a full charge to the battery. Charge times will be longer compared to the Fast Charge Mode.
- Confirm Inputs. If inputs are correct, Press 'Y' to continue. If changes are required, Press 'N' to re-enter battery information.
- Battery Charging Begins. After a short time, the display will indicate the maximum time to complete the charge.
NOTE: The unit will automatically stop charging if the battery becomes too hot.
- Charge Results/Trustworthy Advice are displayed. Trustworthy Advice can be viewed on screen by scrolling down using the - / Down button.

- Charged Battery** Charge is complete.
- Failed to Charge** Battery would not accept charge. Recommend testing battery.
- Battery Overheated** Battery Overheated. The battery got too hot to safely charge. Let the battery cool and then recharge.
- Weak Charge** Battery may not be accepting a normal charge. Recommend testing battery.



For Technical Assistance Call 888-453-2244

2650-1637-00 Rev. B 8/8/14

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