

12 VOLT/8 VOLT/6 VOLT MODELS ONLY

## IMPORTANT SAFETY INSTRUCTIONS SAVE THESE INSTRUCTIONS

~~THIS MANUAL CONTAINS IMPORTANT SAFETY~~  
AND OPERATING INSTRUCTIONS.

**WARNING - RISK OF EXPLOSIVE GASSES.** Working in a vicinity of a lead-acid battery is dangerous. Batteries generate explosive gases during normal battery operation. For this reason it is of the utmost importance that each time before using your charger, you read and follow the instructions provided exactly:

1. To reduce risk of a battery explosion, follow these instructions and those marked on the battery.
2. **NEVER** smoke or allow an open spark or flame in the vicinity of the battery or engine.
3. Do not expose the charger to rain or snow.
4. Use of an attachment not recommended or sold by the battery charger manufacturer may result in a risk of fire, electric shock, or injury to persons.
5. To reduce risk of damage to electric plug and cord, pull by plug rather than cord when disconnecting the charger.
6. Make sure cord is located so that it cannot be stepped on, tripped over, or otherwise subjected to damage or stress.
7. Study all the battery manufacturers' specific precautions such as removing or not removing cell caps while charging and recommended rates of charge.
8. Do not use the battery charger unless the battery voltage matches the output voltage rating of the charger.
9. Do not operate the charger in a closed-in area or restrict ventilation in any way.
10. An extension cord should not be used unless absolutely necessary. Use of improper extension cord could result in a risk of fire and electric shock. If extension cord must be used, make sure:
  - a. That pins on the plug of extension cord are the same number, size, and shape as those of plug on charger;

- b. That extension cord is properly wired and is in good electrical condition; and
  - c. That wire size is as specified in Table 1, below. Do not operate the charger with damaged cord or plug - replace them immediately.
11. Do not operate the charger if it has received a sharp blow, been dropped, or otherwise damaged in any way. Return to Deltran Corp. for repair.
  12. **Do not disassemble the charger.** Return to Deltran Corp. when service or repair is required. Incorrect reassembly may result in a risk of electric shock or fire.
  13. To reduce risk of electric shock, unplug the charger from an outlet before attempting any maintenance or cleaning.

**Table 1**

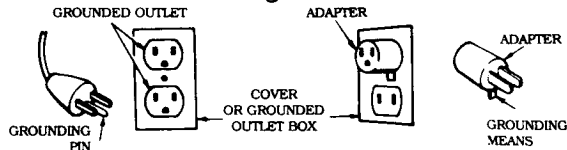
Length of Cord, Feet	25	50	100	150
AWG Size of Cord	18	18	18	16

### GROUNDING AND AC POWER CORD SAFETY PRECAUTIONS

Your **Battery Tender Plus** battery charger is for use on a nominal 120-volt circuit and has a grounding plug that looks like the one illustrated in Figure 1A. A temporary adapter (Figure 1C), may be used to connect this plug to a two-pole receptacle as shown in Figure 1B if a properly grounded outlet is not available. The temporary adapter should be used only until a properly grounded outlet can be installed by a qualified electrician.

**DANGER** - Before using the adapter as illustrated, be certain that the center screw of outlet plate is grounded. The green-colored rigid ear or lug extending from the adapter must be connected to a properly grounded outlet - make certain that it is grounded. If necessary, replace original outlet cover plate with a longer screw that will secure adapter ear or lug to outlet cover plate and make ground connection to a grounded outlet.

**Figure 1**



### PERSONAL PRECAUTIONS

1. Someone should be within range of your voice or close enough to come to your aid when you work near a lead-acid battery;
2. Have plenty of fresh water and soap nearby in case battery acid contacts skin, clothing, or eyes;

3. Wear complete eye protection and clothing protection. Avoid touching eyes while working near battery;
4. If battery acid contacts skin or clothing, wash immediately with soap and water. If acid enters an eye, immediately flood eye with running cold water for at least 10 minutes and get medical attention immediately;
5. **NEVER** smoke or allow a spark or flame in vicinity of battery or engine.
6. Be extra cautious to reduce risk of dropping a metal tool onto battery. It might spark or short-circuit battery or other electrical part that may cause an explosion;
7. Remove personal metal items such as rings, bracelets, necklaces, and watches when working with a lead-acid battery. A lead-acid battery can produce a short-circuited current high enough to weld a ring or the like to metal, causing a severe burn;
8. Use the charger for charging a lead-acid battery only. It is not intended to supply power to an extra low-voltage electrical system or to charge dry-cell batteries. Charging dry-cell batteries may cause them to burst and cause injury to persons and damage to property;
9. **NEVER** charge a frozen battery.

### PREPARING TO CHARGE

1. If it is necessary to remove battery from vehicle to charge it, always remove grounded terminal from battery first. Make sure all accessories in the vehicle are off in order to prevent an arc;
2. Be sure area around battery is well-ventilated while battery is being charged. Gas can be forcefully blown away by using a piece of cardboard or other nonmetallic material as a fan;
3. Clean battery terminals. Be careful to keep corrosion from coming in contact with eyes;
4. Add distilled water in each cell until battery acid reaches level specified by battery manufacturer. This helps purge excessive gas from cells. Do not overfill. For a battery without cell caps, carefully follow manufacturers' recharging instructions;
5. Study all battery manufacturers' specific precautions such as removing or not removing cell caps while charging and recommended rates of charge;
6. Determine voltage of battery by referring to car owner manual and make sure it matches output rating of the battery charger.

### LOCATE CHARGER

1. Locate the charger as far away from battery as the DC cables permit;
2. Never place the charger directly above or below the battery being charged. Gases or fluids from the battery will corrode and damage the charger;
3. Never allow battery acid to drip on the charger when reading gravity or filling battery;
4. Do not operate the charger in a closed-in area or restrict ventilation in any way.
5. Do not set a battery on top of the charger.

### **TIME OF CHARGE:**

THE **BATTERY CHARGER® PLUS** CHARGES AT A RATE OF APPROXIMATELY ONE AMP PER HOUR ie A 100% DISCHARGED 15 AMP-HOUR BATTERY WILL TAKE APPROXIMATELY 15 HOURS TO FULLY CHARGE. SOME LARGE AUTOMOTIVE TYPE BATTERIES MAY TAKE UP TO THREE DAYS OR MORE TO FULLY CHARGE.

### **DEAD BATTERY:**

IF YOUR BATTERY IS TOTALLY DEAD BELOW 3 VOLTS, THE **BATTERY CHARGER® PLUS** CIRCUITRY WILL NOT START. THIS IS DUE TO ITS INTERNAL SAFETY CIRCUIT. THE **BATTERY CHARGER® PLUS** MUST SENSE MORE THAN 3 VOLTS TO TURN ON. IF IT DOES NOT SENSE ABOVE 3 VOLTS, THE CHARGER IS IN-OPERABLE THEREFORE THE RED LIGHT WILL CONTINUE TO FLASH INDICATING A CHARGE HAS NOT BEEN INITIATED. TO CHARGE A TOTALLY DEAD BATTERY YOU MUST FOOL THE **BATTERY CHARGER® PLUS'S** CIRCUITRY BY MOMENTARILY JUMPING THE DEAD BATTERY TO A KNOWN GOOD BATTERY. THIS WILL TRICK THE CHARGER AND START THE CHARGING SEQUENCE.

## **STATUS INDICATING LIGHTS**

★ *If neither light is lit, the **BATTERY TENDER® PLUS** is not properly connected into an AC power source.*

The following describes light operation:

- ♦ **RED LIGHT FLASHING:** The red light flashing indicates that the **Battery Tender® Plus** has A.C. power available and battery charger's microprocessor is functioning properly.
- ♦ **RED LIGHT ON STEADY:** Whenever a battery is connected properly, the red light will stop flashing and burn steady. The red light will remain on until the **Battery Tender® Plus** completes the charging stage. Whenever the red light is steady the charger is charging the battery.
- ♦ **GREEN LIGHT FLASHING:** When the green light is flashing (the red light will be on), the battery charger has determined that the battery has greater than 80% of its capacity available for use. At this stage of charge, the battery could be returned to service if absolutely necessary. It is recommended however, that the battery remain on the charger until the charge is completed.
- ♦ **GREEN LIGHT ON STEADY:** When the green light stops flashing and burns steady, the charger is complete and the battery can be returned to service if necessary.

## **TROUBLESHOOTING CHECKLIST**

### **1. CHARGER LIGHTS DO NOT TURN ON:**

- a. Verify the battery charger is connected to an A.C. power source.
- b. Check to make sure the AC power outlet is supplying power by plugging in a lamp, an appliance, or a voltage meter.

### **2. THE GREEN LIGHT GOES ON EVEN THOUGH THE BATTERY IS KNOWN TO BE IN A DISCHARGED CONDITION:**

- a. The battery may be defective (open cell(s) or heavily sulfated). Take the battery to the battery dealer to be tested.

### **3. CHARGER IS CHARGING BUT THE GREEN LIGHT DOES NOT GO ON:**

- a. The battery may be defective, take battery to the dealer to be tested.
- b. The battery has an excessive current draw, remove battery from equipment.

### **4. THE RED LIGHT COMES ON WHEN STORAGE CHARGING BATTERIES:**

- a. The battery may be defective, take battery to the dealer to be tested.
- b. The battery has an excessive current draw, remove battery from equipment.

## CONNECTING CHARGER

Connect and disconnect DC output clips only after setting any charger switches to the off position and removing AC cord from the electric outlet. Never allow clips to touch each other.

1. Follow these steps when battery is installed in a vehicle. A spark near battery may cause a battery explosion. To reduce risk of a spark near battery:
  - a. Position AC and DC cords to reduce risk of damage by hood, door, or moving engine part;
  - b. Stay clear of fan blades, belts, pulleys, and other parts that can cause injury to persons;
  - c. Check polarity of battery posts. A positive (pos, p,+) battery post usually has a larger diameter than a negative (neg, n,-) post;
  - d. Determine which post of battery is grounded (connected) to the chassis. If negative post is grounded to the chassis (as in most vehicles), see item (e). If positive post is grounded to the chassis, see item (f);
  - e. For a negative-grounded vehicle, connect the positive (red) clip from the battery charger to the positive (pos, p, +) ungrounded post of battery. Connect the negative (black) clip to the vehicle chassis or engine block away from battery. Do not connect the clip to carburetor, fuel lines, or sheet-metal body parts. Connect to a heavy gauge metal part of the frame or engine block;
  - f. For a positive-grounded vehicle, connect the negative (black) clip from battery charger to negative (neg, n, -) ungrounded post of battery. Connect the positive (red) clip to the vehicle chassis or engine block away from battery. Do not connect clip to carburetor, fuel lines, or sheet-metal body parts. Connect to a heavy gauge metal part of the frame or engine block;
  - g. Connect charger ac supply cord to an electric outlet;
  - h. When disconnecting the charger, turn switches to off, disconnect ac cord, remove clip from vehicle chassis, and then remove clip from battery terminal.
2. Follow these steps when battery is outside the vehicle. A spark near the battery may cause a battery explosion. To reduce risk of a spark near battery:
  - a. Check polarity of battery posts. A positive (pos, p, +) battery post usually has a larger diameter than a negative (neg, n, -) post;
  - b. Attach at least a 24 inch long 6-gauge (AWG) insulated battery cable to the negative (neg, n, -) battery post;
  - c. Connect the positive (red) charger clip to the positive (pos, p, +) post of battery;
  - d. Position yourself and the free end of cable as far away from battery as possible, then connect negative (black) charger clip to free end of cable;
  - e. Do not face battery when making final connection;
  - f. Connect charger ac supply cord to an electric outlet;
  - g. When disconnecting the charger, always do so in reverse sequence of connecting procedure and break first connection while standing as far away from battery as practical.

## USER INSTRUCTIONS

**AUTOMATIC MONITORING** - Your new **BATTERY TENDER® PLUS** battery charger is completely automatic and may be left on whenever input power is made available to the charger. The charger output depends on the condition of the battery it is charging. When the battery is fully charged, the indicating light will turn green and the charger will switch itself to a storage charge mode and will automatically monitor and maintain the battery at full charge.

**CABLE CONNECTIONS** - The **BATTERY TENDER® PLUS** battery charger is equipped with two output leads, a red positive lead, and a black negative lead.

***Only connect or disconnect the output leads before plugging into AC power.***

For all battery types:

- ◆ Connect the red positive (+) lead to the positive terminal of the battery.
- ◆ Connect the black negative (-) lead to the negative terminal of the battery.

***If the charger is left connected to a battery for long periods of time, check water levels as directed by the battery manufacturer to ensure they remain at the proper level.***

**ATTENTION: YOUR BATTERY TENDER® PLUS HAS SPARK FREE CIRCUITRY!**

THE CLIPS WILL NOT SPARK WHEN TOUCHED TOGETHER.

THE **BATTERY TENDER® PLUS** WILL NOT PRODUCE VOLTAGE (TURN ON) UNTIL IT SENSES THREE VOLTS FROM THE BATTERY! IT MUST BE CONNECTED TO A BATTERY TO START WORKING.

THE CLIPS OR RING TERMINALS MUST BE CLIPPED OR BOLTED TO A BATTERY IN THE CORRECT POLARITY TO INITIATE OUTPUT VOLTAGE. IN OTHER WORDS, IF YOU PLUG THE A.C. CORD INTO A 110V POWER SOURCE, THE OUTPUT CLIPS WILL NOT SPARK WHEN TOUCHED TOGETHER.

**REMEMBER - THE OUTPUT CLIPS MUST BE CONNECTED TO A BATTERY TO PRODUCE AN OUTPUT VOLTAGE.**

IF THE CHARGER IS HOOKED UP BACKWARDS THE RED LIGHT WILL CONTINUE FLASHING INDICATING THAT A CHARGE HAS NOT BEEN INITIATED. THE CLIPS MUST BE CONNECTED IN THE PROPER POLARITY TO START THE CHARGER. RED TO POSITIVE (+ TO +), BLACK TO NEGATIVE (- TO -).

# **INSTRUCTIONS IMPORTANTES CONCERNANT LA SÉCURITÉ. CONSERVER CES INSTRUCTIONS.**

## **CE MANUEL CONTIENT DES INSTRUCTIONS IMPORTANTES CONCERNANT LA SÉCURITÉ ET LE FONCTIONNEMENT**

1. IL EST DANGEREUX DE TRAVAILLER A PROXIMITÉ D'UNE BATTERIE AU PLOMB. LES BATTERIES PRODUISENT DES GAZ EXPLOSIFS EN SERVICE NORMAL. IL EST AUSSI IMPORTANT DE TOUJOURS RELIRE LES INSTRUCTIONS AVANT D'UTILISER LE CHARGEUR ET DE LES SUIVRE A LA LETTRE.
2. POUR RÉDUIRE LE RISQUE D'EXPLOSION, LIRE CES INSTRUCTIONS ET CELLES QUI FIGURENT SUR LA BATTERIE;
3. NE JAMAIS FUMER PRÈS DE LA BATTERIE OU DU MOTEUR ET ÉVITER TOUTE ÉTINCELLE OU FLAMME NUE A PROXIMITÉ DE CES DERNIERS;
4. UTILISER LE CHARGEUR POUR CHARGER UNE BATTERIE AU PLOMB UNIQUEMENT. CE CHARGEUR N'EST PAS CONÇU POUR ALIMENTER UN RESEAU ÉLECTRIQUE TRÈS BASSE TENSION NI POUR CHARGER DES PILES SÈCHES. LE FAIT D'UTILISER LE CHARGEUR POUR CHARGER DES PILES SÈCHES POURRAIT ENTRAÎNER L'ÉCLATEMENT DES PILES ET CAUSER DES BLESSURES OU DES DOMMAGES;
5. NE JAMAIS CHARGER UNE BATTERIE GELÉE;
6. S'IL EST NÉCESSAIRE DE RETIRER LA BATTERIE DU VÉHICULE POUR LA CHARGER, TOUJOURS DÉBRANCHER LA BORNE DE MISE A LA MASSE EN PREMIER. S'ASSURER QUE LE COURANT AUX ACCESSOIRES DU VÉHICULE EST COUPE AFIN D'ÉVITER LA FORMATION D'UN ARC;
7. PRENDRE CONNAISSANCE DES MESURES DE PRÉCAUTION SPÉCIFIÉES PAR LE FABRICANT DE LA BATTERIE, P. EX. VÉRIFIER S'IL FAUT ENLEVER LES BOUCHONS DES CELLULES LORS DU CHARGEMENT DE LA BATTERIE. ET LES TAUX DE CHARGEMENT RECOMMANDÉS;
8. SI LE CHARGEUR COMPORTE UN SÉLECTEUR DE TENSION DE SORTIE CONSULTER LE MANUEL DE L'USAGER DE LA VOITURE POUR DÉTERMINER LA TENSION DE LA BATTERIE ET POUR S'ASSURER QUE LA TENSION DE SORTIE EST APPROPRIÉE. SI LE CHARGEUR N'EST PAS MUNI D'UN SÉLECTEUR NE PAS UTILISER LE CHARGEUR A MOINS QUE

LA TENSION DE LA BATTERIE NE SOIT IDENTIQUE À LA TENSION DE SORTIE NOMINALE DU CHARGEUR;

9. NE JAMAIS PLACER LE CHARGEUR DIRECTEMENT SOUS LA BATTERIE A CHARGER OU AU-DESSUS DE CETTE DERNIÈRE. LES GAZ OU LES FLUIDES QUI S'ÉCHAPPENT DE LA BATTERIE PEUVENT ENTRAÎNER LA CORROSION DU CHARGEUR OU L'ENDOMMAGER. PLACER LE CHARGEUR AUSSI LOIN DE LA BATTERIE QUE LES CABLES CC LE PERMETTENT;
10. NE PAS FAIRE FONCTIONNER LE CHARGEUR DANS UN ESPACE CLOS ET/OU NE PAS GÊNER LA VENTILATION;
11. METTRE LES INTERRUPTEURS DU CHARGEUR HORS CIRCUIT ET RETIRER LE CORDON C.A. DE LA PRISE AVANT DE METTRE ET D'ENLEVER LES PINCES DU CORDON CC S'ASSURER QUE LES PINCES NE SE TOUCHENT PAS;
12. SUIVRE LES ÉTAPES SUIVANTES LORSQUE LA BATTERIE SE TROUVE DANS LE VÉHICULE. UNE ÉTINCELLE PRÈS DE LA BATTERIE POURRAIT PROVOQUER L'EXPLOSION DE CETTE DERNIÈRE. POUR RÉDUIRE LE RISQUE D'ÉTINCELLE A PROXIMITÉ DE LA BATTERIE.
  - a. PLACER LES CORDONS C.A. ET CC DE MANIÈRE À ÉVITER QU'ILS SOIENT ENDOMMAGÉS PAR LE CAPOT, UNE PORTIÈRE OU LES PIÈCES EN MOUVEMENT DU MOTEUR;
  - b. FAIRE ATTENTION AUX PALES, AUX COURROIES ET AUX POULIES DU VENTILATEUR AINSI QU'À TOUTE AUTRE PIÈCE SUSCEPTIBLE DE CAUSER DES BLESSURES;
  - c. VÉRIFIER LA POLARITÉ DES BORNES DE LA BATTERIE. LE DIAMÈTRE DE LA BORNE POSITIVE (POS. P. +), EST GÉNÉRALEMENT SUPÉRIEUR A CELUI DE LA BORNE NÉGATIVE (NEG. N. -);
  - d. DÉTERMINER QUELLE BORNE EST MISE À LA MASSE (RACCORDÉE AU CHÂSSIS). SI LA BORNE NÉGATIVE EST RACCORDÉE AU CHÂSSIS (COMME DANS LA PLUPART DES CAS), VOIR LE POINT (e). SI LA BORNE POSITIVE EST RACCORDÉE AU CHÂSSIS, VOIR LE POINT (f);
  - e. SI LA BORNE NÉGATIVE EST MISE À LA MASSE, RACCORDER LA PINCE POSITIVE (ROUGE) DU CHARGEUR A LA BORNE POSITIVE (POS. P. +) NON MISE À LA MASSE DE LA BATTERIE. RACCORDER LA PINCE NÉGATIVE (NOIRE) AU CHÂSSIS DU VÉHICULE OU AU MOTEUR. LOIN DE LA BATTERIE NE PAS RACCORDER LA PINCE AU CARBURATEUR, AUX CANALISATIONS D'ESSENCE NI AUX PIÈCES DE LA CARROSSERIE EN TÔLE. RACCORDER À UNE PIÈCE DU CADRE OU DU MOTEUR EN TÔLE DE FORTE ÉPAISSEUR;

- f. SI LA BORNE POSITIVE EST MISE A LA MASSE, RACCORDER LA PINCE NEGATIVE (NOIRE) DU CHARGEUR A LA BORNE NEGATIVE (NEG. N. -) NON MISE A LA MASSE DE LA BATTERIE. RACCORDER LA PINCE POSITIVE (ROUGE) AU CHASSIS DU VEHICULE OU AU MOTEUR, LOIN DE LA BATTERIE. NE PAS RACCORDER LA PINCE AU CARBURATEUR, AUX CANALISATIONS D'ESSENCE NI AUX PIÈCES DE LA CARROSSERIE EN TÔLE. RACCORDER A UNE PIÈCES DU CADRE OU DU MOTEUR EN TÔLE DE FORTE EPAISSEUR;
- g. BRANCHER LE CORDON D'ALIMENTATION C.A. DU CHARGEUR;
- h. POUR INTERROMPRE L'ALIMENTATION DU CHARGEUR, METTRE LES INTERRUPTEURS HORS CIRCUIT, RETIRE? LE CORDON C.A. DE LA PRISE. ENLEVER LA PINCE RACCORDEE AU CHASSIS ET EN DERNIER LIEU CELLE RACCORDEE A LA BATTERIE.
13. SUIVRE LES ETAPES SUIVANTES LORSQUE LA BATTERIE EST A L'EXTERIEUR DU VEHICULE. UNE ETINCELLE PRES DL LA BATTERIE POURRAIT PROVOQUER L'EXPLOSION, DL CETTE DERNIERE. POUR REDUIRE LE RISQUE D'ETINCELLE A PROXIMITE DL LA BATTERIE:
- a. VÉRIFIER LA POLARITÉ DES BORNES DE LA BATTERIE. LE DIAMÈTRE DL LA BORNE POSITIVE (POS. P. +), EST GÉNÉRALEMENT SUPÉRIER A CELUI DE LA BORNE NÉGATIVE (NEG. N. -);
- b. RACCORDER UN CÂBLE DE BATTERIE ISOLÉ N°6 AWG MESURANT AU MOINS 60 MM DE LONGUEUR A LA BORNE NEGATIVE (NEG. N. -);
- c. RACCORDER LA PINCE POSITIVE (ROUGE) A LA BORNE POSITIVE (POS. P. +) DL LA BATTERIE;
- d. SE PLACER ET TENIR L'EXTRÉMITÉ LIBRE DU CÂBLE AUSSI LOIN QUE POSSIBLE DL LA BATTERIE, PUIS RACCORDER LA PINCE NÉGATIVE (NOIRE) DU CHARGEUR A L'EXTRÉMITÉ LIBRE DU CÂBLE;
- e. NE PAS SE PLACER FACE A LA BATTERIE POUR EFFECTUER LE DERNIER RACCORDEMENT;
- f. RACCORDER LE CORDON D'ALIMENTATION C.A. DU CHARGEUR A LA PRISE; ET
- g. POUR INTERROMPRE L'ALIMENTATION DU CHARGEUR, METTRE LES INTERRUPTEURS HOURS CIRCUIT, RETIRER LE CORDON C.A. DL LA PRISE. ENLEVER LA PINCE RACCORDEE AU CHASSIS ET EN DERNIER LIEU CELLE RACCORDEE A LA BATTERIE. SE PLACER AUSSI LOIN QUE POSSIBLE DL LA BATTERIE POUR DÉFAIRE LA PREMIERE CONNEXION.

## LIMITED WARRANTY

**DELTRAN CORPORATION, 801 U.S. HIGHWAY 92 EAST, DELAND, FLORIDA 32724 MAKES THIS LIMITED WARRANTY TO THE ORIGINAL PURCHASER. THIS WARRANTY IS NOT TRANSFERABLE.**

Deltran warrants this battery charger for five years from the date of purchase against defective material or workmanship. If such should occur, the unit will be repaired or replaced at the option of the manufacturer.

It is the obligation of the purchaser to forward the unit together with proof of purchase, prepaid, to the manufacturer or its authorized factory representative.

A \$9.95 handling fee must accompany the battery charger after 90 days from date of purchase. A copy of the original bill of sale will be required for the limited warranty to be honored.

A \$15.95 handling fee must accompany the battery charger for the limited warranty to be honored, if a copy of the original bill of sale has been lost.

This limited warranty is void if the product is misused, subjected to careless handling, disassembled, or repaired by anyone other than the factory or other authorized factory representative.

The manufacturer makes no warranty other than this limited warranty and expressly excludes any implied warranty including any warranty for consequential damages.

**THIS IS THE ONLY EXPRESS LIMITED WARRANTY AND THE MANUFACTURER NEITHER ASSUMES NOR AUTHORIZES ANYONE TO ASSUME OR MAKE ANY OTHER OBLIGATION TOWARDS THE PRODUCT OTHER THAN THIS EXPRESS LIMITED WARRANTY. THE MANUFACTURER MAKES NO WARRANTY OF MERCHANTABILITY OR FITNESS FOR PURPOSE OR THIS PRODUCT AND EXPRESSLY EXCLUDES SUCH FROM THIS LIMITED WARRANTY.**

Some states do not allow the exclusion or limitation of incidental or consequential damages or length of an implied warranty so the above limitations or exclusions may not apply to you.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.