

INSTRUCTION MANUAL

DieHard®

Booster Cables

Models:

28.71302

28.71303



CAUTION:

Read and follow all safety rules and operating instructions before every use of this product.

SAVE THESE INSTRUCTIONS.

Sears Brands Management Corporation, Hoffman Estates, IL 60179 U.S.A.

DIEHARD® LIMITED WARRANTY

FOR SIX MONTHS from the date of sale, this product is warranted against defects in material or workmanship when it is operated according to all supplied instructions.

WITH PROOF OF SALE, return a defective product to the retailer from which it was purchased for free replacement.

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

Sears Brands Management Corporation, Hoffman Estates, IL 60179

**FOR CUSTOMER ASSISTANCE,
CALL 1-800-SEARS-64 (1-800-732-7764) TOLL-FREE
FROM 7 AM TO 5 PM CT, MONDAY-FRIDAY.**

1. IMPORTANT SAFETY INSTRUCTIONS

SAVE THESE INSTRUCTIONS.

1.1 SAVE THESE INSTRUCTIONS –

This manual contains important safety and operating instructions.

- 1.2 Pursuant to California Proposition 65, this product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. Wash hands after handling.

1.3 WARNING: RISK OF EXPLOSIVE GASES.

WORKING IN THE VICINITY OF A LEAD-ACID BATTERY CAN BE DANGEROUS. BATTERIES GENERATE EXPLOSIVE GASES DURING NORMAL BATTERY OPERATION. FOR THIS REASON, IT IS OF UTMOST IMPORTANCE THAT YOU READ THESE INSTRUCTIONS AND FOLLOW THEM EXACTLY.

- a. Shield eyes and face from batteries at all times. Be sure vent caps are tight and level. Place damp cloth over any vent caps on both batteries. Handle cloth carefully – do not allow cloth to come in contact with eyes, skin or clothing. Be sure vehicles do not touch and both electrical systems are off and the same voltage. Be careful to avoid moving fan blades.
- b. To reduce risk of battery explosion, follow these instructions and those

published by battery manufacturer and manufacturer of any equipment you intend to use in vicinity of battery. Review cautionary markings on these products and on engine.

- 1.4 Always wear complete eye protection and protective clothing. Avoid touching eyes while working near battery. If battery acid contacts skin or clothing, wash immediately with soap and water. If acid enters eye, immediately flood eye with running cold water for a minimum of 10 minutes and get medical attention immediately.
- 1.5 NEVER smoke or allow a spark or flame in vicinity of battery or engine.
- 1.6 Be extra cautious, to reduce risk of dropping a metal tool onto battery. It is capable of producing a spark or short-circuiting the battery or other electrical part and causing an explosion. Do not lean over batteries during boosting operations. When charging or using a battery in an enclosed space, always provide adequate ventilation.
- 1.7 Both the battery to be jumped and the booster source (battery or another type of external power source) should be of the same voltage (6, 12, etc.). External power sources other than batteries shall not exceed 16 (8) V DC for use with 12 (6) V systems.

2. JUMP STARTING AN ENGINE

- 2.1 Position the vehicle with the booster battery (or other power source) adjacent to the vehicle with the discharged battery so that the connection of booster cables between both vehicles is made easily. Make certain vehicles do not touch each other.
- 2.2 Turn off all the electrical loads on both vehicles. Set the parking brake. Place the automatic transmission in "PARK" (manual transmissions in "NEUTRAL").
- 2.3 Determine whether the discharged battery has the negative (-) or positive (+) terminal connected to ground. The ground lead is connected to the engine block, vehicle frame, or some other good metallic ground — do not connect

to carburetor or fuel lines. The battery terminal connected to the starter is the one which is not grounded. All vehicles manufactured in the U.S.A. after 1955 have the negative battery terminal grounded. All European and Asian passenger vehicles have been negative ground since 1971.

- 2.4 Vent caps are to be tight and level on both batteries. Place a damp cloth over any vent caps on each battery, making certain it is clear of fan blades, belts, or other moving parts. Connect the batteries as specified here or on the information tag attached to the battery booster cable set.

3. INSTRUCTIONS FOR PROPER HOOK-UP

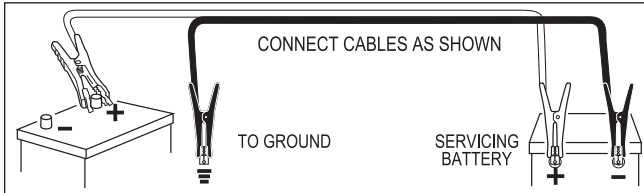
3.1 Check polarity of battery posts. POSITIVE (POS, P, +) battery post usually has larger diameter than NEGATIVE (NEG, N, -) post.

3.2 Determine which post of battery is grounded (connected) to the chassis. If negative post is grounded, connect clamps in order shown in diagram and as described in Connecting Clamps with a Grounded Negative Post. If positive post

is grounded, connect clamps in order shown in diagram and as described in Connecting Clamps with a Grounded Positive Post.

3.3 If vehicle does not start after cranking for approximately 30 seconds, stop procedure. More than 30 seconds of cranking seldom starts the engine unless some mechanical adjustment is made.

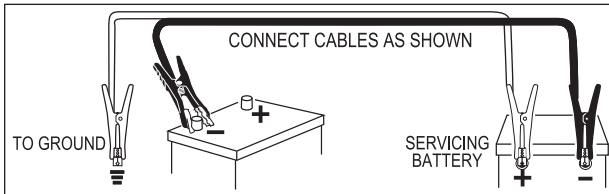
3.4 Connecting Clamps with a Grounded Negative Post



1. Connect positive (+) cable to positive (+) terminal of discharged battery wired to starter or solenoid.
2. Connect other end of positive cable to positive terminal of booster battery.
3. Connect second cable (negative) to other terminal (negative) of booster battery.

4. Make final connection on engine block of stalled vehicle (not to negative post) away from battery. **DO NOT FACE THE BATTERY WHEN MAKING THE FINAL CONNECTION.**
5. Start vehicle and remove cables in reverse order of connection by disconnecting engine block connection first.

3.5 Connecting Clamps with a Grounded Positive Post



1. Connect negative (-) cable to negative (-) terminal of discharged battery wired to starter or solenoid.
2. Connect other end of negative cable to negative terminal of booster battery.
3. Connect second cable (positive) to other terminal (positive) of booster battery.

4. Make final connection on engine block of stalled vehicle (not to positive post) away from battery. **DO NOT FACE THE BATTERY WHEN MAKING THE FINAL CONNECTION.**
5. Start vehicle and remove cables in reverse order of connection by disconnecting engine block connection first.

For information about troubleshooting,
call toll-free from anywhere in the U.S.A.

1-800-732-7764

7:00 am to 5:00 pm CT, Monday through Friday