



Personal Power Pack Jump Starters

JUMP START SAFE

JSSJL20 JUMPER LEADS to SUIT **SJS1200 , SJS1500**

INSTRUCTION CARD with LED INDICATOR CODES and TROUBLE SHOOTING GUIDE

- 1. PLUG THE JUMPER LEADS INTO THE POWER PACK . LED light should be flashing **RED / GREEN** .The jumper leads are NOT LIVE at this stage .**
- 2. Identify the Positive(+) and Negative (-) battery terminals on the vehicle battery . Connect the Red (+) jumper clamp to the Positive (+) battery terminal and the Black (-) jumper clamp to the Negative (-) battery terminal . LED light should be **SOLID GREEN** . THE VEHICLE IS NOW READY TO BE JUMP STARTED .**
- 3. Turn the engine over at INTERVALS OF **5** SECS ONLY each time. When engine has STARTED the LED light should turn to **RED SLOW FLASH** indicating the REVERSE CHARGING PROTECTION is enabled . DISCONNECT THE JUMPER LEADS AND POWER PACK FROM THE VEHICLE IMMEDIATELY THE VEHICLE HAS STARTED . STORE THE POWER PACK AND JUMPER LEADS IN THEIR CARRY CASE .**

IF YOU SEE ANY OTHER LED LIGHT CODES AND THE VEHICLE WILL NOT TURN OVER .

CHECK THE TROUBLE SHOOTING GUIDE BELOW

PROBLEM	POSSIBLE CAUSE / CHECK	SOLUTION
GREEN SLOW FLASH When jumper leads are plugged into power pack.	Low Power Pack Voltage . Too low for jump starting. (10.5V)	Fully charge Power Pack (12.5V)
RED/ GREEN FLASH When jumper clamps connected to vehicle battery.	Low Vehicle Battery Voltage 1. Bad or poor connection of jumper clamps to battery terminals . 2.VEHICLE BATTERY VOLTAGE IS LESS THAN 2V .	1. Clean dirty battery terminals . Make sure clamps have secure connection to terminals . 2. See below how to use the LOW VOLTAGE OVERRIDE .
SOLID RED When jumper clamps connected to vehicle battery .	Incorrect connection of clamps to battery terminals .	Remove clamps and connect correctly . Red to (+) Black to (-)
RED SLOW FLASH When jumper clamps connected to vehicle.	Vehicle battery voltage (>12.5v) higher than power pack voltage .	1.Make sure Power Pack is fully charged (12.5v) . Turn on headlights and heater fan to try and lower the vehicle battery voltage. LED light should then turn SOLID GREEN . 2. Vehicle does not have flat battery but another starting problem .
RED FAST FLASH Whilst turning engine over .	High temperature detected in jumper leads .	Too many 5 sec. continuous start attempts . Let jumper leads cool down to reset to SOLID GREEN .

LOW VOLTAGE OVERRIDE function can ONLY be used when Vehicle battery voltage is less than 2V and the LED light is showing **RED/GREEN FLASH** with the jumper leads CONNECTED to the vehicle battery . Hold the Low Voltage Override button on for 2 secs and Led light will go **SOLID GREEN**. Start the engine and DISCONNECT the jumper leads from the vehicle battery IMMEDIATELY . The Low Voltage Override function will time out after 30 seconds .

!!!!!!! WARNING : THIS FUNCTION IS FOR EMERGENCY USE OR TESTING PURPOSES ONLY !!!!!!!!

IMPORTANT

ALL PERSONAL POWER PACK JUMP STARTERS are designed to be used as an EMERGENCY JUMP STARTER and a PORTABLE POWER SUPPLY to enable charging of most digital devices. They are capable of jump starting MOST VEHICLES WITH FLAT BATTERIES . They are NOT a vehicle battery charger.

THIS PRODUCT WILL NOT RECTIFY EXISTING OR APPARENT STARTING SYSTEM PROBLEMS .

THEY ARE NOT TO BE USED OR ATTEMPTED TO BE USED AS A PERMANENT POWER SUPPLY FOR ANY VEHICLE.

PLEASE REFER TO THE USER MANUAL SUPPLIED FOR MORE INFORMATION .

SMART JUMP STARTERS PTY LTD Queensland AUSTRALIA

FOLD LINE



JUMP START SAFE TECHNOLOGY

JSSJL20 JUMPER LEADS

to suit SJS1500 , SJS1200



INSTRUCTION CARD with LED LIGHT CODES and TROUBLESHOOTING GUIDE

DO NOT DISPOSE OR LOSE THIS CARD . IT HAS IMPORTANT INFORMATION FOR YOUR USE !