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SPOT WELD CUTTING DRILL

DISCLAIMER: This publication provides details of a recommended spot weld cutting drill. Always refer to the appropriate service and body repair manuals for complete repair information. A subscription may be purchased at: <https://techinfo.honda.com>.

This equipment and consumables are available through the Honda Canada Tools and Equipment program at 1-866-868-3372.

Available through the Tools and Equipment program is the Compuspot spot weld cutting drill. It is designed to quickly and cleanly remove spot welds on HSS/UHSS steels, including USIBOR / 1500 MPa, without wearing out drill bits prematurely. The pneumatic pistol is supported by a manual mechanism which increases the pressure on the panel surface. This drill is necessary to perform auto body work on vehicles with Ultra High Strength Steel and High Strength Steel, which have been incorporated into certain new models starting with the 2013 model year.



A special transmission delivers high torque at reduced RPM in order to prevent overheating the carbide bits. This is done without the need to reduce the incoming air pressure (which would result in the loss of torque).

The depth of the cut may be adjusted to match the outer panel thickness so the old spot weld may be removed without cutting into the bottom panel. The drilling action can be adjusted so that the bit does not turn before it touches the metal surface, giving a smooth cutting start and ensuring the blades do not break on impact. Aligning the bit over an old spot weld is much easier when the bit is not turning.

The two blade technology utilized on the bit tips improves the strength of the cutting surface and increases stability. These blades are wider and more massive and therefore less sensitive to impacts and vibration. The carbide bits have a special PVD coating which greatly reduces friction and protects the bit up to a temperature of 1100°C. A variety of high performance drill bits are available in 6mm, 8mm and 10 mm.

ORDERING INFORMATION

This drill offered in two kits:

Standard Kit



- Compuspot Drill unit
- One (1) 8mm Drill Bit
- Standard 51mm Arm
- Storage case

Deluxe Kit



- Compuspot Drill unit
- Two (2) 8mm Drill Bits
- One (1) 10mm Drill Bit
- Standard 51mm Arm
- Deep 140mm Arm
- Storage case

Both Compuspot Drill kits and consumables are available through the Honda Canada Tools and Equipment program at 866-868-3372.

Use promotion code: *HAWEO1*.

Honda Canada Dealers can purchase this equipment and consumables through your normal process via the Tools and Equipment web site: <http://www.des-canada.ca> or by calling 1-866-868-3372.

WARRANTY INFORMATION

Warranty is administered by the equipment manufacturer. Refer to equipment documentation for warranty registration. The drill bits are considered consumables and have no warranty.