



Honda/Acura Welding Equipment Information

Mag Welding Requirements:

MAG welding:

- Metal active gas welding where the shielding gas being used contains a mixture of **80% Argon (Ar) and 20% Carbon Dioxide (CO₂)**. It is considered active because the CO₂ undergoes a limited reaction with the molten weld pool.

Welding Wire:

- Applicable to the high-strength steel sheet with a tensile strength of 590 MPa or higher.
- **This welding wire is available from Honda/Acura dealers through their tools and equipment program. Part number HWW98008C.**

ORDERING INFORMATION

Welding consumable that is noted above is available through the Honda Canada Tools and Equipment program at 1-866-868-3372.

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.

Note: Conventional body shop MIG welders are able to be converted to Mag welding with shield gas and welding filler wire changes only.

Pulsed Mig Brazing Requirements:

MIG Brazing:

- MIG brazing where **100% Argon (Ar)** shielding gas is used. Argon is inert and does not react with the molten weld pool or brazing operation.
- **Mig brazing machine with pulse controller**
- Filler wire CuSi3 or ER CuSi-A. **(Commercially Available)**
- Shield gas: **Argon gas (100%)**.

Note: For details about correct brazing current and voltage, refer to the equipment manufacturer's recommendations.

Examples of Pulsed MIG brazing welding equipment manufacturers.

Pro Spot, Car-O- Liner, Fimer, Electron, Miller Welding, Lincoln Welding, Fronius, etc.



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Squeeze Type Resistance Spot Welder Requirements:

- Current: $\geq 10,500$ A
- Squeeze Pressure: ≥ 3923 N (400 kgf, 882 lbf)
- Welding time: 1500ms

Examples of squeeze type resistance spot welding equipment manufacturers.

AMH Canada, Pro Spot, Car-O- Liner, Electron, Tecna, etc.

WELDING EQUIPMENT

Many of the welding equipment manufactures that are noted above have models that can be sourced through the Honda Canada Tools and Equipment program at 1-866-868-3372. **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.

Pro Spot Resistance Welder

Models: I4 only

Identification of PS-500 and PS-600hp spot gun.

PS-500 DOUBLE-ACTING SPOT GUN

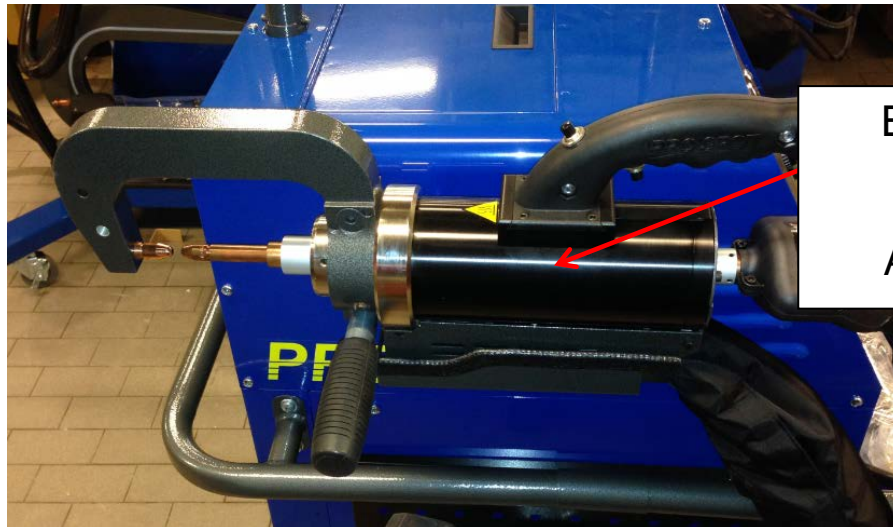


Blue body is PS-500

Will not meet
requirement under
130 psi line
pressure X

Contact Eric for details Direct
line 905-888-4359

PS-600HP HIGH PRESSURE DOUBLE-ACTING SPOT GUN



Black body is
PS-600hp

Acceptable ✓

Pro Spot I4 spot welder

Standard clamping gun model PS-500 compared to the high pressure clamping gun model PS-600hp

