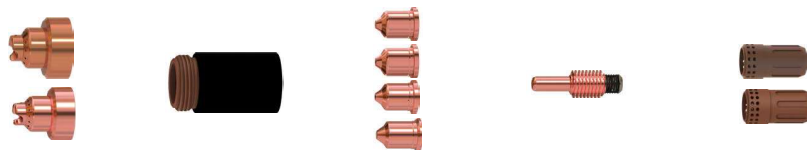


Duramax® HRT/HRTs/MRT retrofit torch

For Powermax1000®/Powermax1250®/Powermax1650®



Minimum order quantity			1	1	5	5	1
Consumable type	Torch type	Amperage	Shield/Deflector	Retaining cap	Nozzle	Electrode	Swirl ring
Drag cutting	Hand	45	220818 ¹	220854	220941 ¹	220842 ¹ or 220777 ^{1,2}	220857
		65	220818 ¹		220819 ¹		220857
		85	220818 ¹		220816 ¹		220857
		105	220992 ¹		220990 ¹		220994

¹Consumable available in bulk packaging. See order information on next page.

²For longer consumable life when cutting metal 1/2 inch (12 mm) and under, check out the CopperPlus electrode (part number 220777).



Minimum order quantity			1	1	5	5	1
Consumable type	Torch type	Amperage	Shield/Deflector	Retaining cap	Nozzle	Electrode	Swirl ring
Mechanized	Machine	45	220817 ¹	220854 220953 (ohmic)	220941 ¹	220842 ¹ or 220777 ^{1,2}	220857
		65	220817 ¹		220819 ¹		220857
		85	220817 ¹		220816 ¹		220857
		105	220993 ¹		220990 ¹		220994

¹Consumable available in bulk packaging. See order information on next page.

²For longer consumable life when cutting metal 1/2 inch (12 mm) and under, check out the CopperPlus electrode (part number 220777).



Minimum order quantity			1	1	5	5	1
Consumable type	Torch type	Amperage	Shield/Deflector	Retaining cap	Nozzle	Electrode	Swirl ring
Unshielded	Machine	45	220955	220854	220941	220842 ¹	220857
		65			220819		220857
		85			220816		220857
		105			220990		220994

¹Consumable available in bulk packaging. See order information on next page.



Minimum order quantity			1	1	5	5	1
Consumable type	Torch type	Amperage	Shield/Deflector	Retaining cap	Nozzle	Electrode	Swirl ring
Max removal gouging ^a	Hand/Machine	45-105	220798	220854	220797 ¹	220842 ¹	220857
		105			220991 ¹		220994
Max control gouging ^a	Hand/Machine	45-105	420480	220854	220797 ¹	220842 ¹	220857
		105			220991 ¹		220994

¹Consumable available in bulk packaging. See order information below.

²The max removal gouging shield is designed for aggressive metal removal, a deep gouge profiles and extreme metal washing.

³The max control gouging shield is designed for more precise metal removal, a shallower gouge profile and light material washing.



Minimum order quantity			1	1	5	5	1
Consumable type	Torch type	Amperage	Shield/Deflector	Retaining cap	Nozzle	Electrode	Swirl ring
FineCut [®]	Hand	30-45	220931	220854	220930 ¹	220842 ¹	220947
	Machine	30-45	220955 220948 (ohmic)	220854 220953 (ohmic)			220857

¹Consumable available in bulk packaging. See order information below.



Minimum order quantity		1	1		1	1
Consumable type	Torch type	Retaining cap	Nozzle		Electrode	Swirl ring
HyAccess drag cutting (30–65 A)	Hand	420413	420410		420408	220857
HyAccess gouging (30–55 A)			420412			
Quantity in kit		1	1	1	2	1
HyAccess kit - 428414 (30–65 A)	Hand	420413	420410 (cutting)	420412 (gouging)	420408	220857
		HyAccess cutting only starter pack - 428445 ^a HyAccess gouging only starter pack - 428446 ^b				

Warning: The Duramax HyAccess (65 amps and below) consumables should not be operated above 65 amps

^aStarter pack contains 1 retaining cap (420413), 1 cutting nozzle (420410) and 1 electrode (420408)

^bStarter pack contains 1 retaining cap (420413), 1 gouging nozzle (420412) and 1 electrode (420408)

Duramax[®] consumable bulk kits

Order quantity	25	25	25	25	25	25	25	25	25	10	10	10	10
Bulk kit part number	228934	228767	228760	228759	228761	228762	228765	228797	228796	228798	228799	228763	228764
Contents	220777 electrode	220842 electrode	220816 nozzle	220819 nozzle	220930 nozzle	220797 nozzle	220941 nozzle	220990 nozzle	220991 nozzle	220992 shield	220993 shield	220817 shield	220818 shield



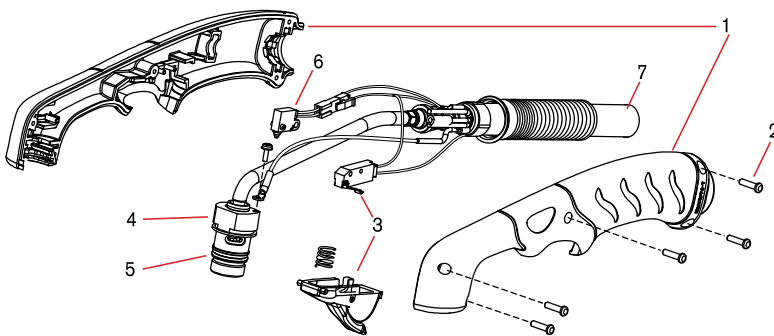
Duramax® HRT/HRTs hand torch parts



Duramax HRT hand torch parts

Item	Part number	Description
	228788	HRT hand torch assembly with 7.6 m (25') lead
	228789	HRT hand Torch Assembly with 15.2 m (50') lead
5	058519	O-ring
	075504	Pilot terminal screw
2	075714 ¹	Handle screws, #4 x 1/2 slotted TORX pan head, S/B
1	228954	Kit: Duramax 75°/ HRT Torch handle replacement
6	228719	Kit: Duramax 75°/HRT Cap-sensor switch replacement
3	228721	Kit: Duramax 15°/Duramax 75°/HRT/HRTs Safety trigger with spring replacement
7	228952 ²	Kit: HRT/HRTs Torch lead replacement, 7.6 m (25'), coupler with 12.7 mm (1/2") threads
	228953 ²	Kit: HRT/HRTs Torch lead replacement, 15.2 m (50'), coupler with 12.7 mm (1/2") threads
4	228792 ²	Kit: HRT Torch main body replacement, coupler with 9.5 mm (3/8") threads
	228950 ²	Kit: HRT Torch main body replacement, coupler with 12.7 mm (1/2") threads

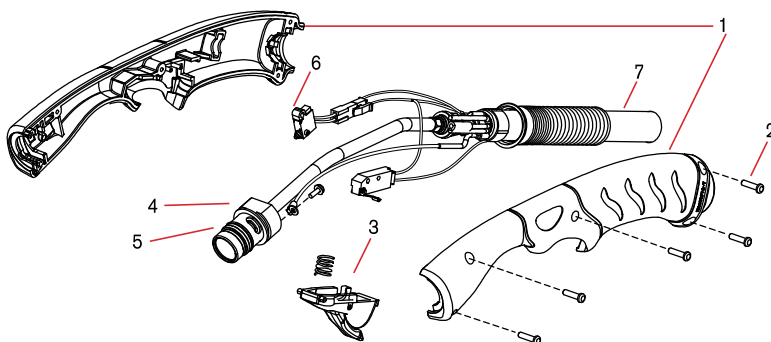
¹Before purchasing this part check the torch built date.



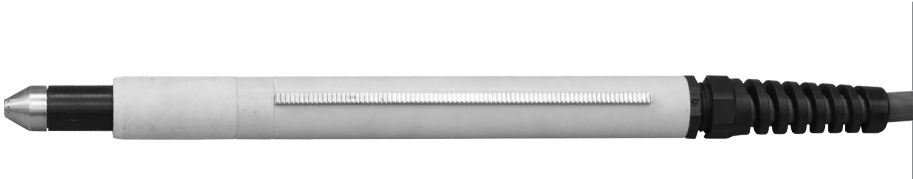
Duramax HRTs hand torch parts

Item	Part number	Description
	228807	HRTs hand torch assembly with 7.6 m (25') lead
5	058519	O-ring
	075504	Pilot terminal screw
2	075714 ¹	Handle screws, #4 x 1/2 slotted TORX pan head, S/B
1	228955	Kit: Duramax 15°/ HRTs Torch handle replacement
6	228109	Kit: Duramax 15°/HRTs Cap-sensor switch replacement
3	228721	Kit: Duramax 15°/Duramax 75°/HRT/HRTs Safety trigger with spring replacement
7	228952 ²	Kit: HRT/HRTs Torch lead replacement, 7.6 m (25'), coupler with 12.7 mm (1/2") threads
	228953 ²	Kit: HRT/HRTs Torch lead replacement, 15.2 m (50'), coupler with 12.7 mm (1/2") threads
4	228951 ¹	Kit: HRTs Torch main body replacement, coupler with 12.7 mm (1/2") threads

¹Before purchasing this part check the torch built date.



Duramax® MRT machine torch parts



Duramax MRT machine torch parts

Item	Part number	Description
	228790 ¹	MRT machine torch assembly with 7.6 m (25') lead
	228791 ¹	MRT machine torch assembly with 15.2 m (50') lead
1	228737	Kit: M65/M85/MRT positioning sleeve
2	228738	Kit: M65/M85/MRT removable gear rack
3	228735	Kit: M65/M65m/M85/M85m/MRT front mounting sleeve
4	228736	Kit: M65/M65m/M85/M85m/MRT adapter ring (coupler)
5	228793	Kit: MRT torch main body replacement
6	228720	Kit: Cap-sensor switch replacement
7	058519	O-ring
8	075504	Pilot terminal screw
9	228786	Kit: MRT torch lead replacement, 7.6 m (25')
9	228787	Kit: MRT torch lead replacement, 15.2 m (50')
	128650	Remote start pendant for machine torch, 7.6 m (25')
	128651	Remote start pendant for machine torch, 15.2 m (50')
	128772	Kit: ETR connector repair (regional repair centers only)

¹Assembly includes a variety of Duramax consumables.

