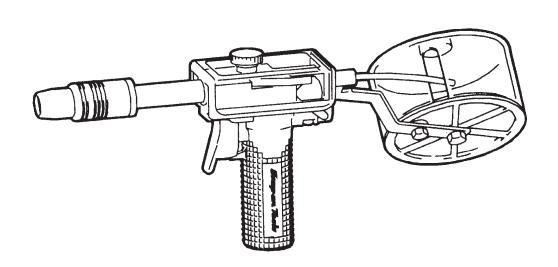


OWNER'S MANUAL

MHG5-B MIG GUN SYSTEM •



THE MHG5-B

"MOTORIZED HAND GUN" SYSTEM WITH THE SPEED CONTROL IN THE GUN HANDLE. REPRESENTS THE LATEST STATE OF THE ART IN MIG EQUIPMENT FOR ALUMINUM WELDING.

> MHG5-B MODEL NUMBER



FOR TECH. SERVICE, CALL TOLL-FREE 1-800-232-9353

INSTALLATION OPERATION REPLACEMENT PARTS

FORM WC5268 Rev. 6/96, 3/98, 8/00

MANUFACTURER'S LIMITED WARRANTY

This equipment is warranted against defects in materials and workmanship for a period of *ninety (90) days* from the date of purchase. Should it become defective for such reason, the Manufacturer will repair it without charge, if it is returned to the Manufacturer's factory, freight prepaid. This warranty does not cover: (1) failure due to normal wear and tear; (2) consumable parts, such as, but not limited to, torch contact tips, gas cups and insulating bushings; (3) damage by accident, force majeure, improper use, neglect, unauthorized repair or alteration; (4) anyone other than the original purchaser.

THIS LIMITED WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED. THE MANUFACTURER SHALL NOT BE LIABLE FOR ANY INJURY TO PERSONS, INCLUDING DEATH; OR LOSS OR DAMAGE TO ANY PROPERTY, DIRECT OR CONSEQUENTIAL, INCLUDING, BUT NOT LIMITED TO, LOSS OF USE, ARISING OUT OF THE USE, OR THE INABILITY TO USE, THE PRODUCT. THE USER ASSUMES ALL RISK AND LIABILITY WHATSOEVER IN CONNECTION WITH THE USE OF THE PRODUCT, AND BEFORE DOING SO, SHALL DETERMINE ITS SUITABILITY FOR HIS INTENDED USE, AND SHALL ASCERTAIN THE PROPER METHOD OF USING IT.

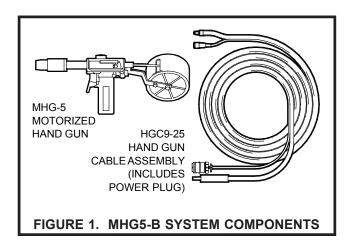
SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, OR THE EXCLUSIONS OR LIMITATIONS OF INCIDENTAL OR CONSEQUENTIAL DAMAGES. SO THE ABOVE LIMITATIONS OR EXCLUSIONS MAY NOT APPLY TO YOU. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY HAVE OTHER RIGHTS WHICH MAY VARY FROM STATE TO STATE.

TABLE OF CONTENTS

INTRODUCTION	1
SPECIFICATIONS, CHECK LIST	3
OPTIONAL EXTRAS	4
CONSUMABLE PARTS	5
INSTALLATION	6
OPERATION	10
ELECTRICAL DIAGRAM	13
PARTS BREAKDOWN - GUN	14
PARTS BREAKDOWN - CABLE ASSEMBLY	16

INTRODUCTION

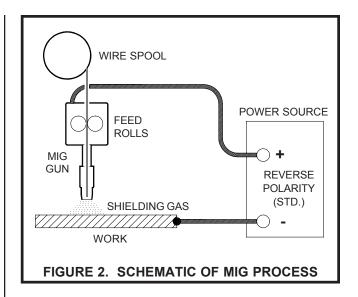
The Snap-On Tools MHG5-B is the latest "State of the Art" in MIG spool guns for aluminum welding. The MHG5-B System is designed for Gas Metal Arc Welding (GMAW or MIG) of aluminum material using .023", .030", .035" or 3/64" aluminum wire packaged on 4 inch diameter spools. To weld steel, optional equipment is required (see pages 4 and 5 - use .030" or .035" steel wire). Wire speed is controlled by a dial located in the gun handle.



The MHG5-B System is designed specifically for operation with Snap-On Tools MM140SL and MM250SL Muscle Mig Systems.

THE MIG PROCESS AS APPLIED TO THE MHG5-B

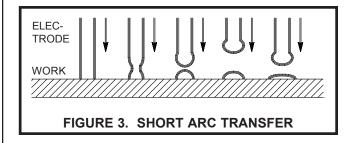
The MIG process uses a bare, consumable electrode in the form of spooled wire, which is fed by a controllable speed feed unit through the gun barrel to the weld. The emerging wire and the weld are shielded by a stream of Argon gas which prevents oxidation of the molten weld puddle. Aluminum is MIG welded with reverse polarity [electrode positive (+)]. In this mode, the electrons move from the work to the electrode (welding wire) causing a cathode cleaning effect of the weld area.



The consumable electrode wire is melted and transferred to the weld puddle by any of three arc modes; short arc transfer, globular transfer, or spray arc transfer. The MHG5-B is capable of performing all modes, depending on the power source being used.

SHORT ARC OR DIP TRANSFER

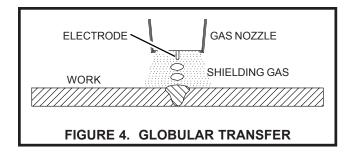
Short arc transfer occurs at 12 to 22 arc volts (voltage while welding), depending on wire size. Welding commences as the arc is struck and a weld pool is formed. The tip of the electrode wire dips into the pool and causes a short circuit. The short circuit current flow causes a rapid temperature rise in the electrode wire and the end of the wire is melted off. An arc is immediately formed between the tip of the wire and the weld pool, maintaining the electrical circuit and producing sufficient heat to keep the weld pool fluid. electrode continues to feed and again dips into the pool.



In short arc transfer, the sequence of events is repeated up to 200 times per second. Short arc is suitable for positional welding. The heat input to the workpiece is kept to a minimum which limits distortion and makes possible the welding of thin sheet material.

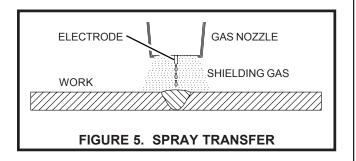
GLOBULAR TRANSFER

Globular transfer occurs at the intermediate range of 22 to 24 arc volts, depending on wire size. As the name implies, the transfer takes place in the form of irregularly shaped globules. Globular transfer is useful in cases where a lower heat input than that of true spray is required.



SPRAY TRANSFER

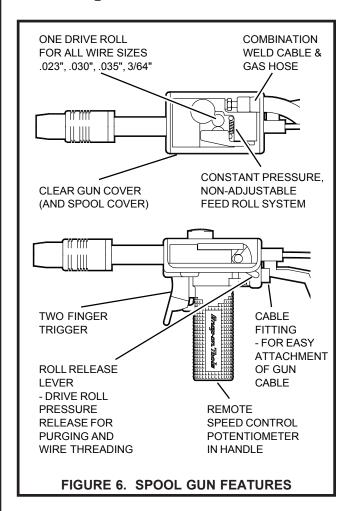
Spray transfer occurs at 22 to 28 arc volts, depending on wire size. The length of the arc is held constant by the voltage available. The higher voltage and current causes the electrode wire to melt off before touching the workpiece. The molten metal crosses the gap to the workpiece in a spray form. Spray transfer is used in the downhand position and provides higher deposition rates than short arc transfer or globular transfer.

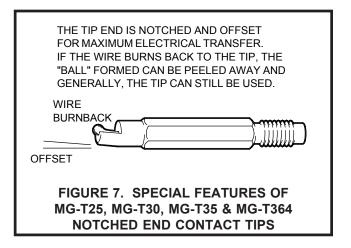


DESCRIPTION

The MHG5-B consists of the gun and the gun cable assembly.

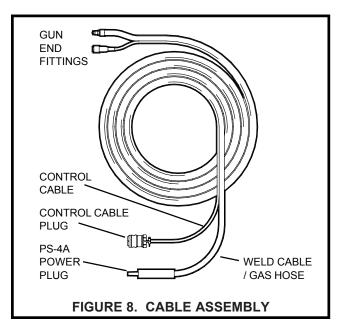
The Motorized Hand Gun (MHG-5) used on the MHG5-B System is the latest model. It incorporates the following features.





DESCRIPTION (Continued)

The Hand Gun Cable Assembly (HGC9-25) consists of (1) a concentric Weld Cable/Gas Hose with fittings and Power Plug, and (2) a Control Cable with fittings. The standard cable assembly is 25 feet long. 35 foot (HGC9-35) and 50 foot (HGC9-50) assemblies are extra cost options.



The Power Plug (PS-4A) (installed on the Weld Cable/Gas Hose) plugs directly into the "Positive (+)terminal" on the front panel of the welding machine. The Weld Cable/Gas Hose carries the welding current and shielding gas. Gas flow is controlled by the gas solenoid in the welding machine.

The Control Cable plugs into the control receptacle(OUTPUT)on the welding machine. It carries power to the gun motor, returns the contactor actuation signal to the welding machine, and allows wire speed adjustment at the spool gun.

SPECIFICATIONS

PART NUMBER: MHG5-B

AMPERAGE RATING:

- 60% Duty Cycle 250 Amps - 100% Duty Cycle 200 Amps

SPECIFICATIONS (Continued)

DUTY CYCLE TIME PERIOD:

10 minutes

WIRE TYPE: aluminum, steel

WIRE SIZES: .023", .025", .030", .035", 3/64" aluminum .030" - .035" steel

WIRE FEED SPEED RANGE:

50 - 650 inches per minute

SHIELDING GAS:

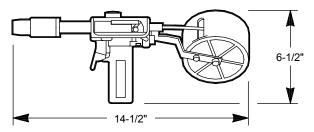
For Aluminum 100% Argon For Steel 75% Argon + 25% CO2

WEIGHT:

GunGun and Cable2-3/4 pounds14 pounds

DIMENSIONS:

See Illustration



CHECK LIST

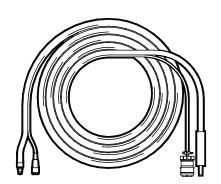
THE SNAP-ON TOOLS MHG5-B SYSTEM INCLUDES THE FOLLOWING:

- 1- MHG-5 Spool Gun
- 1- HGC9-25 Hand Gun Cable Assembly 25 foot
- 1- PS-4A Power Plug (installed on gun cable assembly)
- 7- MG-TXX Contact Tip (one installed in gun)
- 1- M35-NA62 Nozzle Assembly (installed on gun)
- 1- M35-D Gas Diffuser (installed in gun)
- 1- 4043-XX Spool of Aluminum Wire

OPTIONAL EXTRAS (designate when ordering spool gun) Example: MHG5-B w/HGC9-50

HGC9-35 35 foot Gun Cable Assembly

HGC9-50 50 foot Gun Cable Assembly

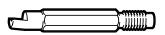


MG-T25 .023" - .025" Notched End Contact Tip - for aluminum welding.

MG-T30 .030" Notched End Contact Tip - for aluminum welding.

MG-T35 .035" Notched End Contact Tip - for aluminum welding.

MG-T364 3/64" Notched End Contact Tip - for aluminum welding.

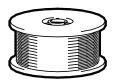


4043-23 .023" type 4043 Aluminum Welding Wire on 4 inch spool

4043-30 .030" type 4043 Aluminum Welding Wire on 4 inch spool

4043-35 .035" type 4043 Aluminum Welding Wire on 4 inch spool

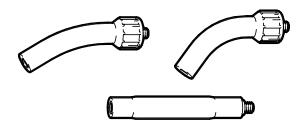
4043-364 3/64" type 4043 Aluminum Welding Wire on 4 inch spool



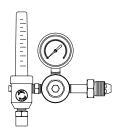
MG-CBA-60 60 degree Curved Barrel Assembly

MG-CBA-45 45 degree Curved Barrel Assembly

MG-FBA Flexible Barrel Assembly



GR-FM Argon Gas Regulator and Flowmeter



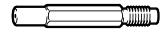
OPTIONS FOR WELDING STEEL (AND OTHER HARD WIRES - STAINLESS STEEL, BRONZE, ETC.)

SN-2160K Knurled Drive Roll - for feeding steel wire.



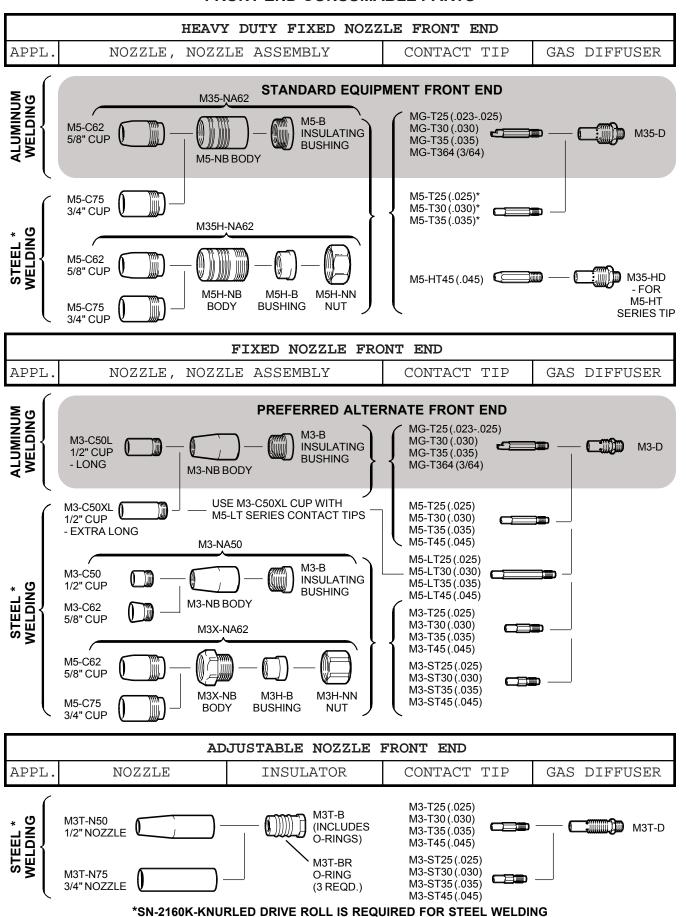
M5-T30 .030" Contact Tip - for steel welding.

M5-T35 .035" Contact Tip - for steel welding.



See the "FRONT END CONSUMABLE PARTS" chart on the following page for a complete listing of available nozzles, contact tips, etc. for aluminum welding and for steel welding.

FRONT END CONSUMABLE PARTS



ITEMS REQUIRED FOR MIG WELDING WHICH ARE NOT PROVIDED WITH THE MHG5-B SYSTEM

1. DC welding machine

NOTE

The MHG5-B System operates with the Snap-On Tools MM140SL and MM250SL Muscle Mig Systems only.

- 2. Full cover welding helmet with proper colored lens (shade 10 or darker).
- 3. Pure Argon gas and cylinder (or 75% Argon + 25% CO2 for welding steel).
- 4. Argon gas regulator (available as an optional extra).
- 5. Leather welding gloves.
- 6. Ground cable and clamp.
- 7. For welding steel contact tip and knurled drive roll must be used (see pgs. 4 and 5).

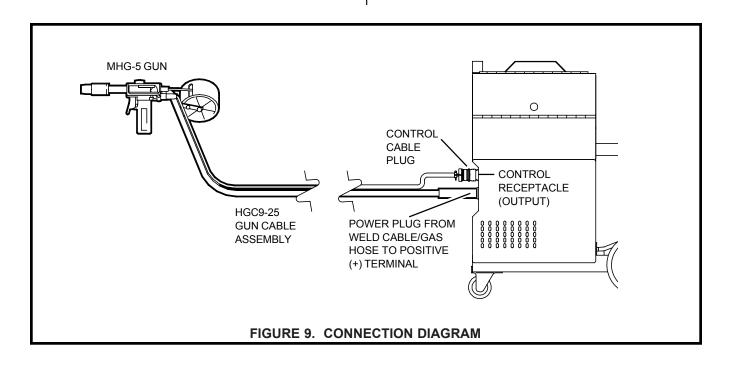
INSTALLATION

CONNECTING THE SPOOL GUN TO THE WELDING MACHINE

- 1. Disconnect the feeder cable assembly from the front of the welding machine.
- 2. Plug the spool gun control cable plug into the control receptacle (OUTPUT).
- 3. Make sure the WORK (ground) cable is plugged into the negative (-) terminal.
- 4. Plug the spool gun power plug (on the end of the welding cable / gas hose) into the positive (+) terminal.

NOTE

To change back to standard MIG torch operation, reverse the procedure and change the shielding gas.



SHIELDING GAS CONNECTIONS

1. Place a cylinder of the appropriate shielding gas in the rack at the rear of the welding machine and secure it with the chain provided.

NOTE

Make sure the welder primary gas hose and regulator/flowmeter are connected to a cylinder of the proper shielding gas - 100% Argon for aluminum and 98% Argon + 2% O2 for stainless steel and 75% Argon + 25% CO2 for steel welding.

 Rapidly open and close the cylinder valve. This will purge dust and foreign matter from the valve.

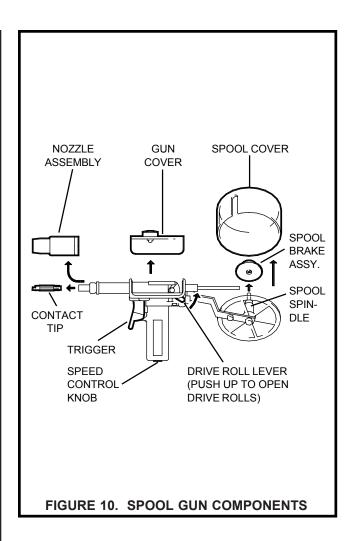
CAUTION

Take care to point the valve outlet away from yourself or other people, as escaping high pressure gas may be dangerous.

- 3. Attach a gas regulator flowmeter to the cylinder valve using a suitable wrench.
- 4. Fit the gas hose from the welder to the regulator outlet fitting and tighten it with a wrench. Open the cylinder valve.
- 5. Check that the gas regulator is properly adjusted. When welding aluminum, the gas flow rate is 40 CFH. When welding steel, the gas flow rate is 30 CFH.

NOTE

The **Welding machine** must be turned "ON" and the MHG5-B trigger depressed, before the gas flow rate can be adjusted.



FITTING THE ELECTRODE WIRE

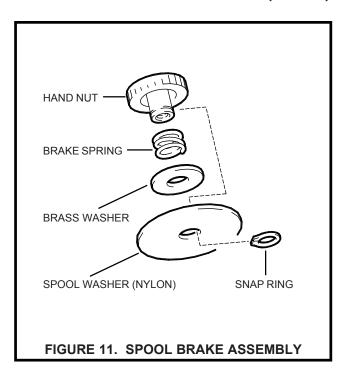
- 1. Remove the gun cover, spool cover, nozzle assembly and contact tip. Remove the spool brake assembly from the spool spindle and place a 4 inch spool of welding wire on the spindle.
- 2. Replace the spool brake assembly.

NOTE

The spool brake assembly must bottom out against the spool hub nut when installed. The spring in the spool brake assembly provides the proper tension on the wire spool.

(continued on following page)

FITTING THE ELECTRODE WIRE (Cont.)

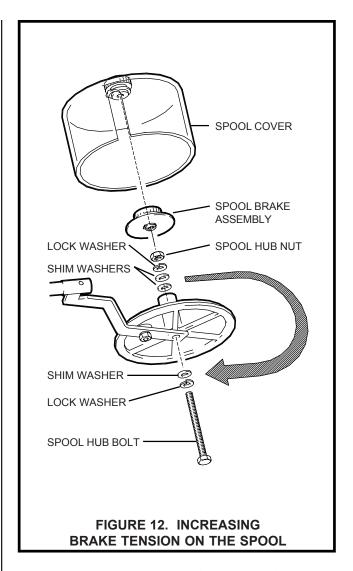


SPOOL BRAKE ADJUSTMENT

The specifications for the 4 inch spool allow a variation in the width of the spool of up to 1/16 inch $(\pm 1/32$ inch tolerance). The spool brake spring will handle most spool width variations. The following adjustments can be made if required.

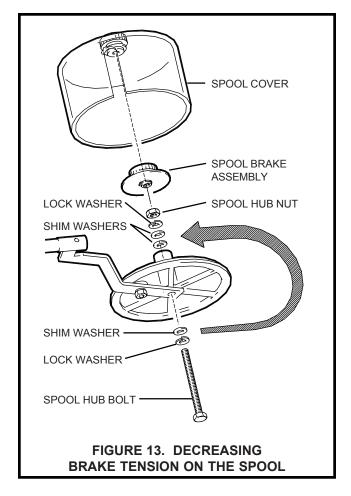
If the spool brake is not applying enough tension on the spool:

- 1. Remove the spool brake assembly and the spool of wire.
- 2. Remove the spool hub nut and the lock washer.
- 3. Remove shim washer(s) as needed.
- 4. Remove the spool hub bolt and place the removed shim washer(s) under the bolt head.
- 5. Reassemble all components except for the spool cover.



If the spool brake is applying too much tension on the spool:

- 1. Remove the spool brake assembly and the spool of wire.
- 2. Remove the spool hub nut and the lock washer.
- 3. Remove the spool hub bolt.
- 4. Remove shim washer(s) as needed from under the bolt head.
- 5. Place the removed shim washer(s) under the spool hub nut.
- 6. Reassemble all components except for the spool cover.

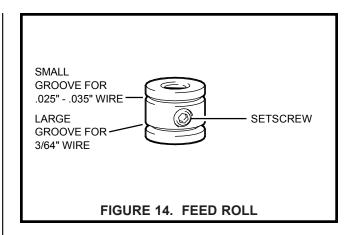


THREADING THE ELECTRODE WIRE

1. Make sure the feed roll is properly installed to match the wire size.

To change the feed roll setting:

- a. Loosen but do not remove the setscrew.
- b. Slide the feed roll off the motor shaft.
- c. Turn the feed roll over and reinstall it on the motor shaft.
- d. Tighten the setscrew securely.

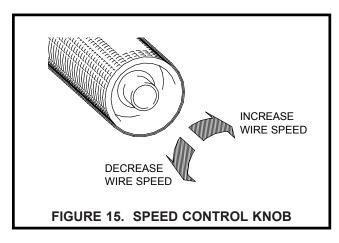


- 2. Turn the wire feed control in the spool gun handle clockwise to the maximum setting.
- 3. Turn on the welding machine to supply power to the gun. Open the rolls on the gun by pushing the Drive Roll Lever up.
- 4. Thread the wire through the inlet guide, between the feed and pressure rolls and into the barrel liner. The wire must be straight when it is threaded.
- 5. Release the drive roll lever and pull the gun trigger. Wire will be pushed out the front of the gun. Run out approximately 6 inches of wire. Reinstall the contact tip, nozzle assembly, gun cover and spool cover.
- 6. Cut off the electrode wire even with the front of the nozzle assembly.
- 7. Actuate the drive roll lever to open the rolls and pull the gun trigger to purge the system of gas contaminants. Purge for two minutes. Release the trigger and the drive roll lever.

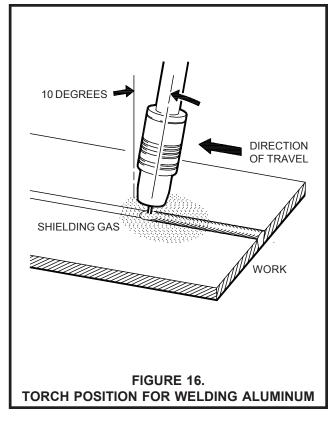
YOU ARE NOW READY TO WELD

OPERATION

- 1. Attach the WORK (ground) cable from the negative (-) terminal on the welding machine to a CLEAN spot on the material to be welded.
- 2. Set the MIG/TIG voltage control on the welding machine to the desired setting.
- 3. Turn the Speed Control Knob in the bottom of the gun handle clockwise to the maximum setting.



- 4. Open the gas cylinder valve.
- 5. With the proper hood, gloves and other protective equipment in place, locate the gun over the joint to be welded and bring the nozzle to 1/2 to 5/8 inch from the workpiece. The recommended position of the gun and direction of travel for welding aluminum are shown in Figure 16.



- 6. Actuate the gun trigger. The shielding gas will flow, the welding wire will advance and an arc will be formed. Adjust the Speed Control Knob in the gun handle to obtain the correct arc characteristics. As the weld is deposited, move the gun slowly along the weld seam at a constant speed, while maintaining a constant arc length and a constant tip-to-work distance.
- 7. Refer to the "RECOMMENDED WELD-ING VALUES" charts on the following pages for recommended arc voltage, wire speed, etc.

RECOMMENDED WELDING VALUES

SHORT ARC TRANSFER

.030"

.035"

.035"

.035"

.035"

90

40

50

60

90

.093"

.040"

.050"

.063"

.093"

METAL AMPS WIRE **WIRE WELD SPEED** THICKNESS (DCRP) SIZE **SPEED** 20 IPM .040" 40 .030" 240 IPM .050" 50 .030" 290 IPM 15 IPM .063" 60 .030" 340 IPM 15 IPM

410 IPM

200 IPM

240 IPM

290 IPM

350 IPM

15 IPM

24 IPM

18 IPM

18 IPM

18 IPM

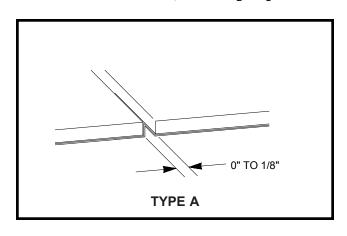
SPRAY ARC TRANSFER

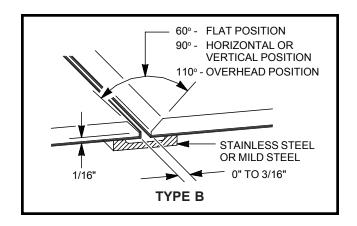
METAL THICK.		AMPS (DCRP)			WIRE SPEED
1/8"	Type A	100	.030"	24-26	450 IPM
3/16"	Type B	150	.030"	24-26	500 IPM
1/4"	Type B	180	.030"	28-29	560 IPM
3/8"	Type C	200	.030"	28-30	600 IPM
1/8"	Type A	100	.035"	24-26	400 IPM
3/16"	Type B	150	.035"	24-26	450 IPM
1/4"	Type B	180	.035"	28-29	530 IPM
3/8"	Type C	200	.035"	26-30	560 IPM
1/2"	Type C	220	.035"	26-30	600 IPM
1/8"	Type A	110	3/64"	20-21*	175 IPM
3/16"	Type B	160	3/64"	20-21*	220 IPM
1/4"	Type B	180	3/64"	27-28	250 IPM
3/8"	Type C	200	3/64"	25-30	260 IPM
1/2"	Type C	220	3/64"	25-31	270 IPM
3/4"	Type C	250	3/64"	25-31	290 IPM

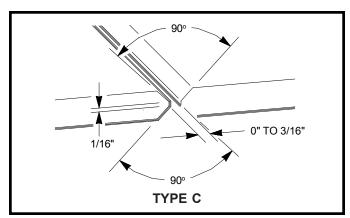
^{*} SHORT ARC TRANSFER

DETAILS OF JOINT PREPARATION

(see "Spray Arc Transfer" chart above)







RECOMMENDED WELDING VALUES (Continued)

SHIELDING GAS PERFORMANCE

PROCESS	SHIELDING GAS	PERFORMANCE
Gas Metal Arc Welding (GMAW or MIG)	Argon	Best Metal Transfer Excellent Arc Stability Excellent Cleaning
	Helium	Deep Penetration - for heavy plate

SHIELDING GAS FLOW RATES

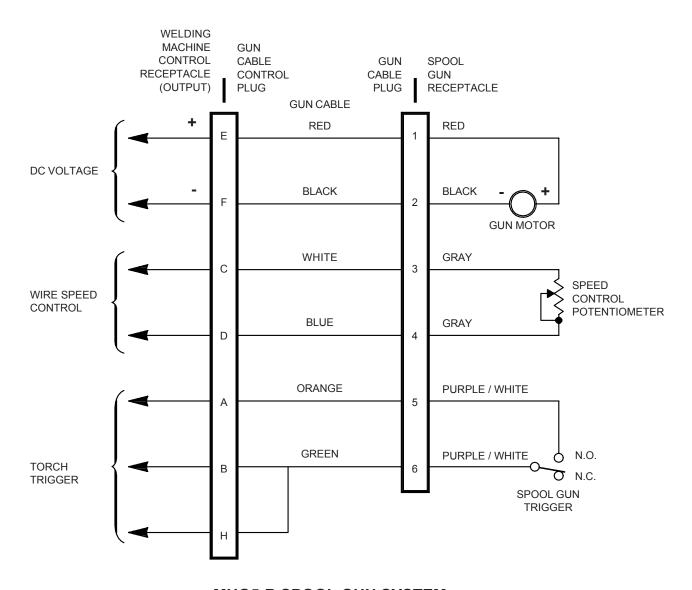
MATERIAL THICKNESS	WELDING POSITION	FLOW RATES
1/16 in.	Flat	25 CFH
3/32 - 1/8 in.	Flat, Vertical, Horizontal, Overhead	30 CFH
3/16 in.	Flat, Vertical, Horizontal, Overhead	30 CFH
	Flat	30 CFH
1/4 in.	Vertical, Horizontal	35 CFH
	Overhead	40 CFH
	Flat	30 CFH
3/8 in.	Vertical, Horizontal	35 CFH
	Overhead	40 CFH
0444	Flat	35 CFH
3/4 in.	Vertical, Horizontal, Overhead	40 CFH

RECOMMENDED FILLER METALS CHART

Base Metal Base Metal	6061, 6063, 6101, 6151, 6201, 6351	5083, 5456	5454	5154	5086	5052	5005, 5050	3004 & Alclad 3004	2219	1100, 3003 & Alclad 3003	1060, 1350
1060, 1350	4043	5356	4043	4043	5356	4043	1100 4043	4043	4145	1100 4043	1100 4043
1100, 3003, Alclad 3003	4043	5356	4043 5356	4043	4043 5356	4043 5356	4043 5356	4043 5356	4145	1100 4043	
2219	4043	4043	4043	4043	4043	4043	4043	4043	2319 4043		
3004, Alclad 3004	4043 5356	5356	5356 5654	5356 5654	5356	4043 5356	4043 5356	4043 5356			
5005, 5050	4043 5356	5356	5356 5654	5356 5654	5356	4043 5356	4043 5356				
5052	4043 5356	5356	5356 5654	5356 5654	5356	4043 5654					
5086	5356	5356	5356 5654	5356 5654	5356						
5154	4043 5356	5356 5654	5356 5654	5356 5654							
5454	4043 5356	5356 5654	5554					RECOMI FILLEF	MENDEI R WIRE		
5083, 5456	5356	5556									
6061, 6063, 6101, 6151, 6201, 6351	4043 5356										

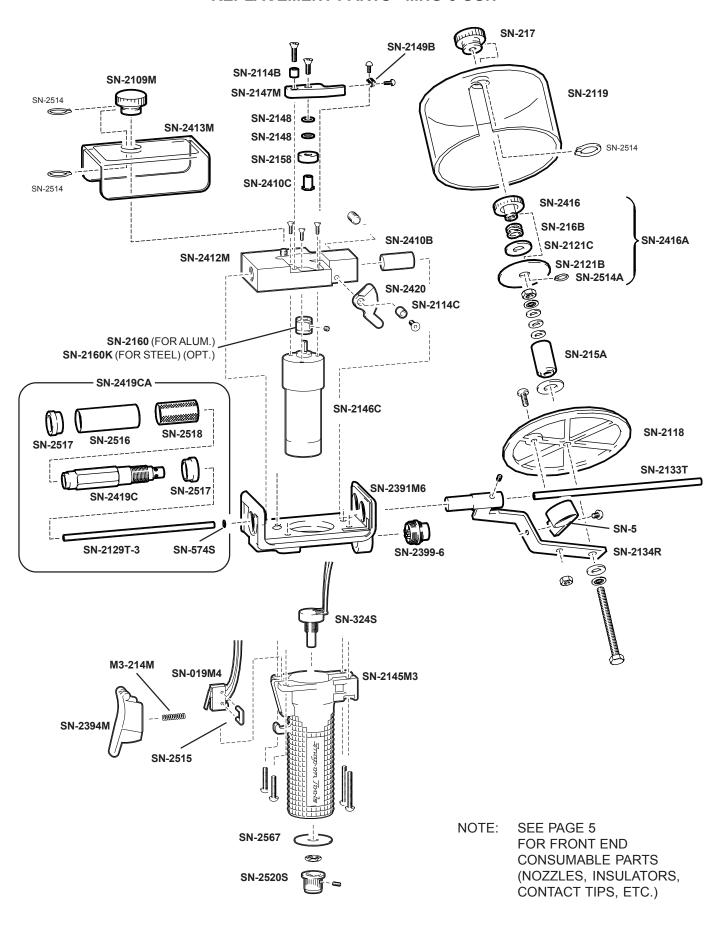
- **NOTES:** 1. 5183 or 5356 may be used in place of 5556.
 - 2. 5183, 5356, 5554 or 5556 may be used in place of 5654.
 - 3. 5183 or 5556 may be used in place of 5356.

ELECTRICAL DIAGRAM



MHG5-B SPOOL GUN SYSTEM

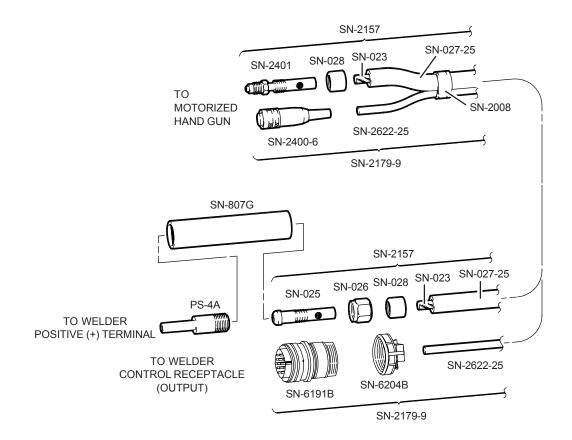
REPLACEMENT PARTS - MHG-5 GUN



REPLACEMENT PARTS - MHG-5 GUN (Cont.)

PART NO.	DESCRIPTION	PART NO.	DESCRIPTION
M3-214M	TRIGGER SPRING	SN-2149B	SPRING - ROLL PRESSURE
SN-5	CABLE CLIP - H. H. SMITH 780		*ATTACHING HARDWARE*
	ATTACHING HARDWARE		4-40 X 1/4" RND. HD. SCREW (2)
	8-32 X 3/8" RND. HD. SCREW (1)	SN-2158	PRESSURE ROLL
SN-019M4	SWITCH - WIRED	SN-2160	FEED ROLL (FOR ALUMNIUM)
SN-215A	SPOOL SPINDLE		*ATTACHING HARDWARE*
	ATTACHING HARDWARE		8-32 X 1/8" SET SCREW (1)
	1/4-20 X 3" HEX HD. BOLT (1) 1/4" INTERNAL TOOTH	SN-2160K	KNURLED FEED ROLL (FOR STEEL) (OPTIONAL)
	LOCK WASHER (2) 1/4" FLAT WASHER (1)		*ATTACHING HARDWARE*
	1/4" SPRING (SHIM) WASHER (3)		8-32 X 1/8" SET SCREW (1)
	7/16" STEEL WASHER (1) 1/4-20 JAM NUT (1)	SN-2399-6	6 PIN RECEPTACLE
SN-217	HAND NUT - SPOOL COVER	SN-2391M6	MOULDED BASE
SN-324S	POTENTIOMETER - 100K	SN-2394M	TRIGGER
014 0240	- WITH ATTACHING NUT	SN-2410B	SPOOL INSULATOR BUSHING
SN-2109M	HAND NUT - TOP COVER	SN-2410C	PRESSURE ROLL BUSHING
SN-2114B	ROLL BLOCK BUSHING		*ATTACHING HARDWARE*
SN-2114C	ROLL LEVER BUSHING		8-32 X 3/8" FLAT HD. SCREW (1)
SN-2118	SPOOL DISC	SN-2412M	BODY BLOCK
	ATTACHING HARDWARE	SN-2413M	TOP COVER
	8-32 X 1/2" RND. HD. SCREW (1) 8-32 KEP NUT (1)	SN-2416A	SPOOL BRAKE ASSEMBLY CONSISTING OF:
SN-2119	SPOOL COVER	SN-2416	HAND NUT
SN-2133T	INLET GUIDE TUBE	SN-216B	SPRING BRAKE
	ATTACHING HARDWARE	SN-2121C	BRASS WASHER - 3/8"
	8-32 X 1/4" NYLOC SET SCREW(1)	SN-2121B	SPOOL WASHER
SN-2134R	REEL SUPPORT	SN-2514A	SNAP RING - 3/8"
	ATTACHING HARDWARE	SN-2419CA	BARRELASSEMBLY
	1/4-20 X 1/4" SET SCREW (1)		CONSISTING OF:
SN-2145M3	HANDLE	SN-574S	O-RING - BARREL LINER
	ATTACHING HARDWARE	SN-2129T-3	BARREL LINER - TEFLON
	(HANDLE AND BASE TO BODY BLOCK)	SN-2419C	• BARREL
	8-32 X 3/4" RND. HD. SCREW (2) 8-32 X 1-1/4" RND. HD. SCREW (2)	SN-2516	BARREL OUTER SLEEVE
CN 2146C	` '	SN-2517	SPACER/SEAL (2 REQUIRED)
SN-2146C	MOTOR (BOTTOM TERMINALS)	SN-2518	BARREL INSULATOR SHEATH
	ATTACHING HARDWARE (MOTOR TO BODY BLOCK)	SN-2420	LEVER - ROLL RELEASE
	4-40 X 3/8" FLAT HD. SCREW (3)		*ATTACHING HARDWARE*
SN-2147M	ROLL BLOCK		8-32 X 3/8" FLAT HD. SCREW (1)
	ATTACHING HARDWARE	SN-2514	SNAP RING - 5/8" (3 REQUIRED)
	8-32 X 1/2" FLAT HD. SCREW (1)	SN-2515	RETAINING CLIP - SWITCH
SN-2148	PRESSURE ROLL SPACER (2 REQD.)	SN-2520S	CONTROL KNOB
		SN-2567	SPEED INDICATOR DIAL
		I	

REPLACEMENT PARTS - HGC9-25 GUN CABLE ASSEMBLY



DESCRIPTION		PART NO.	DESCRIPTION
POWER PLUG		SN-028	HOSE FERRULE (2 REQUIRED)
BOOT/CABLE COVER		SN-2401	CABLE FITTING
CABLE TIE (AS REQUIRED) CABLE AND HOSE ASSEMBLY		SN-2179-9	CONTROL CABLE ASSEMBLY WITH FITTINGS - 25 FOOT
WITH FITTINGS - 25 FOOT			CONSISTING OF:
CONSISTING OF:		SN-2400-6	• 6 SOCKET PLUG
WELD CABLE (ONLY) (24'-10") CABLE FITTING		SN-2622-25	POWER CORD (ONLY) 20-6 ALPHA (25'-6")
GAS HOSE NUT		SN-6191B	PLUG, 14 PIN (MALE PINS)
• GAS HOSE (ONLY) SAE100R6FW-27W (3/8"I.D. X 25')		SN-6204B	CLAMP, AMPHENOL
	POWER PLUG BOOT/CABLE COVER CABLE TIE (AS REQUIRED) CABLE AND HOSE ASSEMBLY WITH FITTINGS - 25 FOOT CONSISTING OF: • WELD CABLE (ONLY) (24'-10") • CABLE FITTING • GAS HOSE NUT • GAS HOSE (ONLY)	POWER PLUG BOOT/CABLE COVER CABLE TIE (AS REQUIRED) CABLE AND HOSE ASSEMBLY WITH FITTINGS - 25 FOOT CONSISTING OF: • WELD CABLE (ONLY) (24'-10") • CABLE FITTING • GAS HOSE NUT • GAS HOSE (ONLY)	POWER PLUG BOOT/CABLE COVER CABLE TIE (AS REQUIRED) CABLE AND HOSE ASSEMBLY WITH FITTINGS - 25 FOOT CONSISTING OF: WELD CABLE (ONLY) (24'-10") CABLE FITTING GAS HOSE NUT SN-6204B

NOTES: