

Spray Master® V250 Amp MIG Gun



80% Duty Cycle - Mixed Gases
Suitable for Light/Medium Duty Fabrication.

WELDING PROCESSES:
MIG (GMAW), Flux Cored (FCAW),
Aluminum (GMAW)

Standard Options Include:

- Rear Connector and Knucklehead™ Flexible Conductor Tube
- Standard Conductor Tube – Part No. SMVCT-60 (Stock No.1240-1374) on all guns up to 15ft (4.6 m)
- Part No. SMVCT-45 (Stock No. 1240-1373) on all guns over 15ft (4.6 m)
- Conduit Liner – 42 Series

Tweco® Style Rear Connector

Adapter kits are available to fit Tweco rear connection to most wire feeders

Wire Size	Length	Part No.	Stock No.
Up To .045" (1.2 mm)	10 ft (3 m)	SMV210-3545	1023-1290
	12 ft (3.6 m)	SMV212-3545	1023-1276
	15 ft (4.6 m)	SMV215-3545	1023-1277
	20 ft (6.1 m)	SMV220-3545	1023-1278
	25 ft (7.6 m)	SMV225-3545	1023-1279

Lincoln® Style Rear Connector

Fits Lincoln LN7, 8, 9, SP200

Wire Size	Length	Part No.	Stock No.
Up To .045" (1.2 mm)	10 ft (3 m)	SMV210L-3545	1023-1292
	12 ft (3.6 m)	SMV212L-3545	1023-1285
	15 ft (4.6 m)	SMV215L-3545	1023-1293
	20 ft (6.1 m)	SMV220L-3545	1023-1294
	25 ft (7.6 m)	SMV225L-3545	1023-1295

Some Lincoln wire feeders are assembled with their K1500-2 gun receiving bushing that will accept Tweco Style MIG Guns direct from the factory. Control wire Part No. MS354-DSLJ (Stock No. 2060-2137) must be ordered separately.

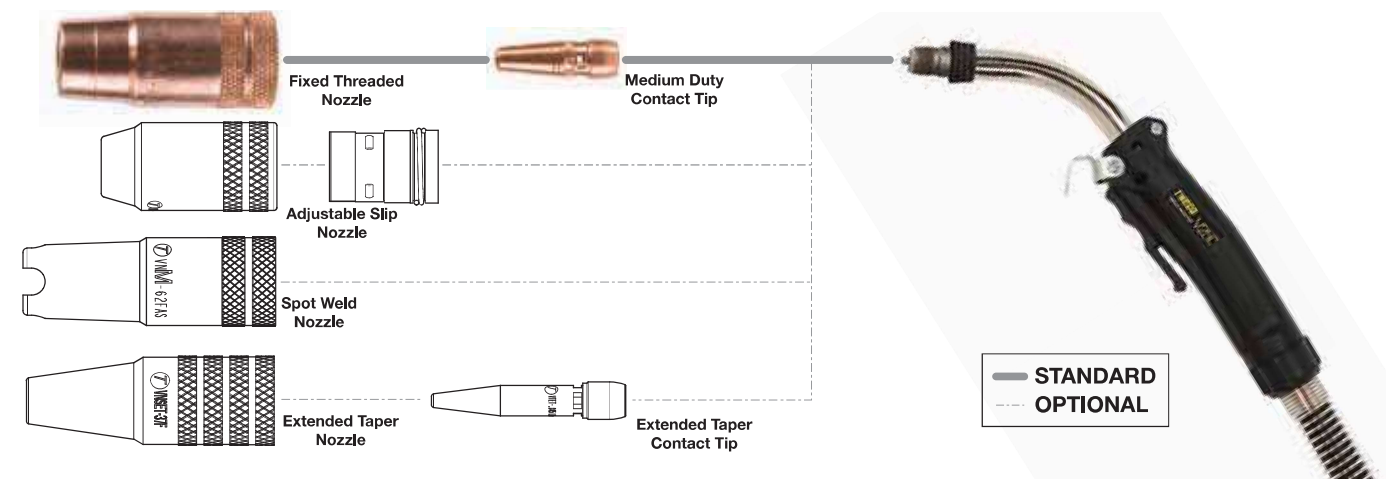
Miller® Style Rear Connector

Wire Size	Length	Part No.	Stock No.
Up To .045" (1.2 mm)	10 ft (3 m)	SMV210M-3545	1023-1280
	12 ft (3.6 m)	SMV212M-3545	1023-1281
	15 ft (4.6 m)	SMV215M-3545	1023-1282
	20 ft (6.1 m)	SMV220M-3545	1023-1283
	25 ft (7.6 m)	SMV225M-3545	1023-1289

Euro-Kwik Style Rear Connector

Wire Size	Length	Part No.	Stock No.
Up To .045" (1.2 mm)	10 ft (3 m)	SMV210X-3545	1023-1286
	12 ft (3.6 m)	SMV212X-3545	1023-1287
	15 ft (4.6 m)	SMV215X-3545	1023-1288
	20 ft (6.1 m)	SMV220X-3545	1023-1291
	25 ft (7.6 m)	SMV225X-3545	1023-1284

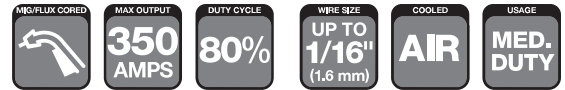
For Special MIG gun configurations, including special consumables, please contact Tech Service and Support.



Rated Output			Wire Size	Cooled	Application Usage
Amps	Duty Cycle	Gas			
250 Amps	80%	Mixed	Up To .045" (1.2 mm)	Air	Light/Medium Duty Fabrication

For more information refer to Tweco Spray Master V-Series MIG Gun flyer Form No. 64-1404

Miller is a registered trademark of Illinois Tool Works, Inc. Lincoln is a registered trademark of Lincoln Electric Co. The aforementioned registered trademarks are in no way affiliated with Tweco. Tweco is registered trademark of ESAB.



Spray Master® V350 Amp MIG Gun



80% Duty Cycle - Mixed Gases
Suitable for Medium/Heavy Duty Fabrication.

WELDING PROCESSES:
MIG (GMAW), Flux Cored (FCAW),
Aluminum (GMAW),

Standard Options Include:

- Dual Schedule On/Off Control, Rear Connector and Knucklehead™ Flexible Conductor Tube
- Standard Conductor Tube – Part No. SMVCT-60 (Stock No.1240-1374) on all guns up to 15ft (4.6 m)
- Part No. SMVCT-45 (Stock No. 1240-1373) on all guns over 15ft (4.6 m)
- Conduit Liner – 42 Series

Tweco® Style Rear Connector

Adapter kits are available to fit Tweco rear connection to most wire feeders

Wire Size	Length	Part No.	Stock No.
Up To 1/16" (1.6 mm)	10 ft (3 m)	SMV310-116	1036-1750
	12 ft (3.6 m)	SMV312-116	1036-1752
	15 ft (4.6 m)	SMV315-116	1036-1756
	15 ft (4.6 m)	SMV315-116DSRS	1036-1783
	15 ft (4.6 m)	SMV315-116K4	1036-1759
	20 ft (6.1 m)	SMV320-116	1036-1789
	25 ft (7.6 m)	SMV325-116	1036-1787

Lincoln® Style Rear Connector

Fits Lincoln LN7, 8, 9, SP200

Wire Size	Length	Part No.	Stock No.
Up To 1/16" (1.6 mm)	10 ft (3 m)	SMV310L-116	1036-1785
	12 ft (3.6 m)	SMV312L-116	1036-1753
	15 ft (4.6 m)	SMV315L-116	1036-1762
	15 ft (4.6 m)	SMV315L-116DSRS	1036-1788
	15 ft (4.6 m)	SMV315L-116K4	1036-1764
	20 ft (6.1 m)	SMV320L-116	1036-1781
	25 ft (7.6 m)	SMV325L-116	1036-1786

Some Lincoln wire feeders are assembled with their K1500-2 gun receiving bushing that will accept Tweco Style MIG Guns direct from the factory. Control wire Part No. MS354-DSLJ (Stock No. 2060-2137) must be ordered separately.

Miller® Style Rear Connector

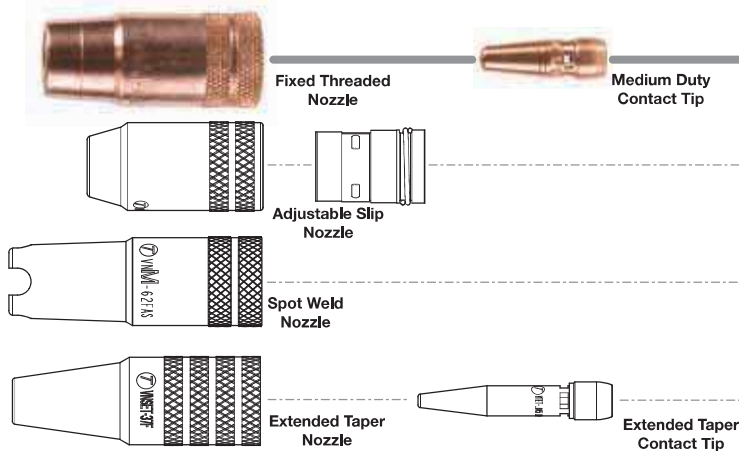
Wire Size	Length	Part No.	Stock No.
Up To 1/16" (1.6 mm)	10 ft (3 m)	SMV310M-116	1036-1751
	12 ft (3.6 m)	SMV312M-116	1036-1754
	15 ft (4.6 m)	SMV315M-116	1036-1765
	15 ft (4.6 m)	SMV315M-116K4	1036-1768
	15 ft (4.6 m)	SMV315M-332K4	1036-1791
	15 ft (4.6 m)	SMV315M-116CT180	1036-1777
	20 ft (6.1 m)	SMV320M-116	1036-1780
	25 ft (7.6 m)	SMV325M-116CT180	1036-1778
	25 ft (7.6 m)	SMV325M-116	1036-1775

Euro-Kwik Style Rear Connector

Wire Size	Length	Part No.	Stock No.
Up To 1/16" (1.6 mm)	10 ft (3 m)	SMV310X-116	1036-1784
	12 ft (3.6 m)	SMV312X-116	1036-1779
	15 ft (4.6 m)	SMV315X-116	1036-1770
	20 ft (6.1 m)	SMV320X-116	1036-1782
	25 ft (7.6 m)	SMV325X-116	1036-1790

"DSRS" = Dual Schedule Rocker Switch; "K4" = Knucklehead Conductor Tube

For Special MIG gun configurations, including special consumables, please contact Tech Service and Support.



Rated Output			Wire Size	Cooled	Application Usage
Amps	Duty Cycle	Gas			
350 Amps	80%	Mixed	Up To 1/16" (1.6 mm)	Air	Medium/Heavy Duty Fabrication

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Spray Master® V450 Amp MIG Gun



80% Duty Cycle - Mixed Gases
Suitable for Heavy Duty Fabrication.

WELDING PROCESSES:
MIG (GMAW), **Flux Cored** (FCAW),
Aluminum (GMAW)

Standard Options Include:

- Dual Schedule On/Off Control, Locking Trigger, Rear Connector and Knucklehead™ Flexible Conductor Tube
- Standard Conductor Tube – Part No. SMVCT-60 (Stock No.1240-1374) on all guns up to 15ft (4.6 m)
- Part No. SMVCT-45 (Stock No. 1240-1373) on all guns over 15ft (4.6 m)
- Conduit Liner – 44 Series

Tweco® Style Rear Connector

Adapter kits are available to fit Tweco rear connection to most wire feeders

Wire Size	Length	Part No.	Stock No.
Up To 1/16" (1.6 mm)	10 ft (3 m)	SMV410-116	1040-1825
	12 ft (3.6 m)	SMV412-116	1040-1829
	15 ft (4.6 m)	SMV415-116	1040-1833
	15 ft (4.6 m)	SMV415-116LM	1040-1838
	15 ft (4.6 m)	SMV425-116LMK4	1040-1870
	20 ft (6.1 m)	SMV420-116	1040-1854
	25 ft (7.6 m)	SMV425-116	1040-1859

Miller® Style Rear Connector

Wire Size	Length	Part No.	Stock No.
Up To 1/16" (1.6 mm)	10 ft (3 m)	SMV410M-116	1040-1827
	12 ft (3.6 m)	SMV412M-116	1040-1830
	15 ft (4.6 m)	SMV415M-116	1040-1844
	15 ft (4.6 m)	SMV415M-116DSRS	1040-1846
	15 ft (4.6 m)	SMV415M-116LC	1040-1848
	15 ft (4.6 m)	SMV415M-116LM	1040-1849
	15 ft (4.6 m)	SMV415M-116K4	1040-1874
	20 ft (6.1 m)	SMV420M-116	1040-1855
	25 ft (7.6 m)	SMV425M-116	1040-1861
	25 ft (7.6 m)	SMV425M-116LM	1040-1872

Lincoln® Style Rear Connector

Fits Lincoln LN7, 8, 9, SP200

Wire Size	Length	Part No.	Stock No.
Up To 1/16" (1.6 mm)	10 ft (3 m)	SMV410L-116	1040-1826
	12 ft (3.6 m)	SMV415L-116	1040-1866
	15 ft (4.6 m)	SMV415L-116	1040-1839
	15 ft (4.6 m)	SMV415L-116DSRS	1040-1840
	15 ft (4.6 m)	SMV415L-116LC	1040-1842
	15 ft (4.6 m)	SMV415L-116LM	1040-1843
	15 ft (4.6 m)	SMV415L-116K4	1040-1875
	20 ft (6.1 m)	SM420L-116	1040-1869
	25 ft (7.6 m)	SMV425L-116	1040-1860
	25 ft (7.6 m)	SMV425L-116LM	1040-1871

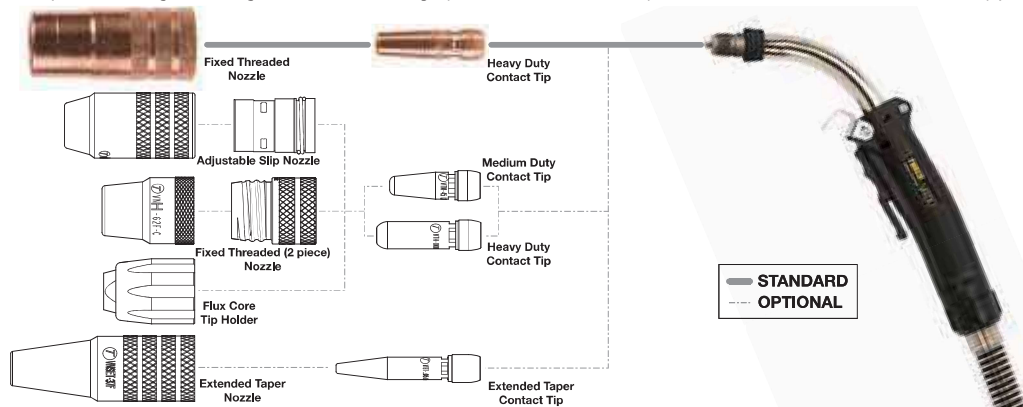
Some Lincoln wire feeders are assembled with their K1500-2 gun receiving bushing that will accept Tweco Style MIG Guns direct from the factory. Control wire Part No. MS354-DSLJ (Stock No. 2060-2137) must be ordered separately.

Euro-Kwik Style Rear Connector

Wire Size	Length	Part No.	Stock No.
Up To 1/16" (1.6 mm)	10 ft (3 m)	SMV410X-116	1040-1828
	12 ft (3.6 m)	SMV412X-116	1040-1832
	15 ft (4.6 m)	SMV415X-116	1040-1850
	20 ft (6.1 m)	SMV420X-116	1040-1867
	25 ft (7.6 m)	SMV425X-116	1040-1868
	25 ft (7.6 m)	SMV425X-116LM	1040-1873

"DSRS" = Dual Schedule Rocker Switch; "LC" = Locking Trigger;
"K4" = Knucklehead Conductor Tube; "LM" = Long reach Conductor Tube

For Special MIG gun configurations, including special consumables, please contact Tech Service and Support.

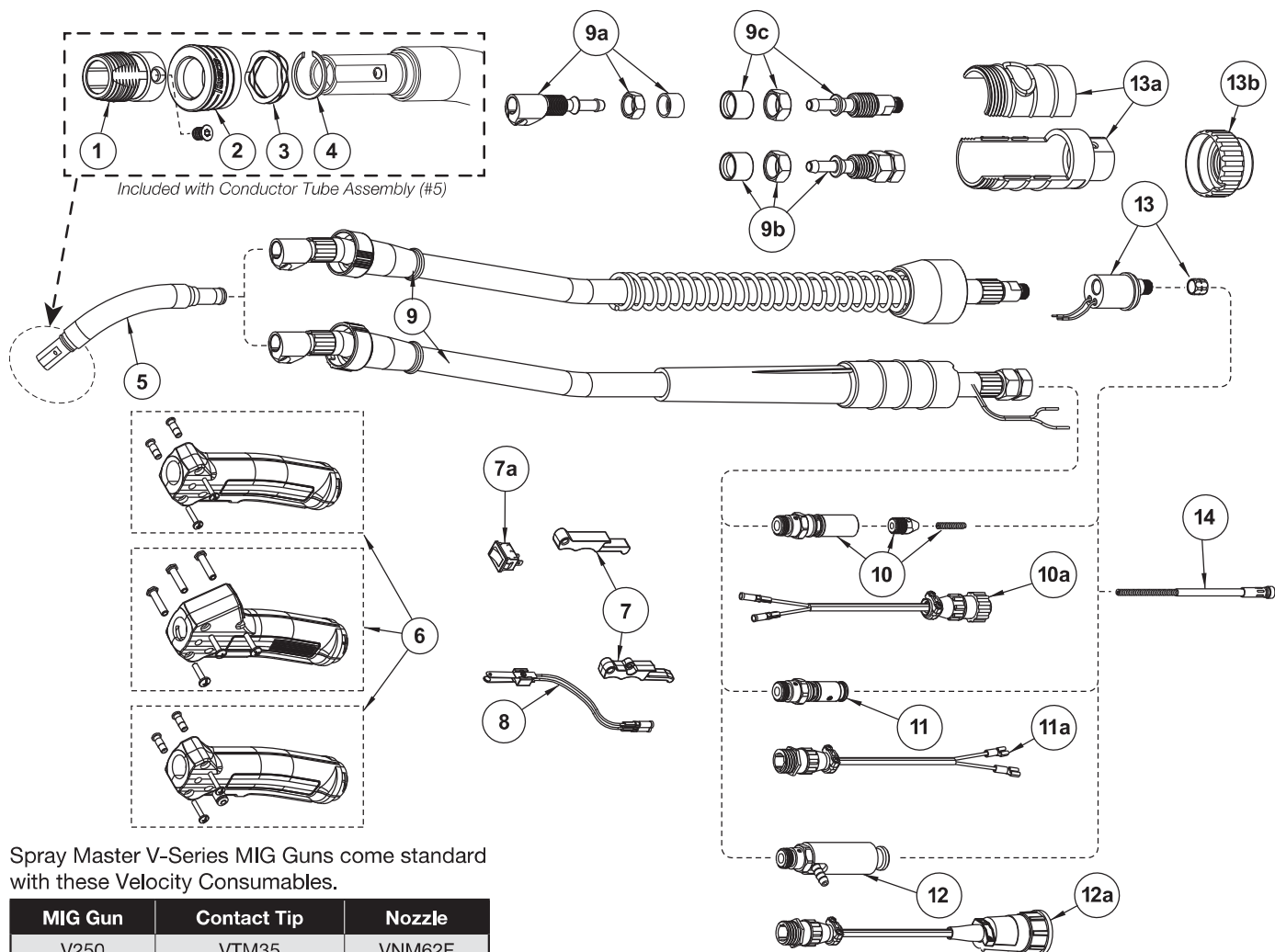


Rated Output			Wire Size	Cooled	Application Usage
Amps	Duty Cycle	Gas			
450 Amps	80%	Mixed	Up To 1/16" (1.6 mm)	Air	Heavy Duty Fabrication



Spray Master® V-Series Replacement Parts

MIG GUNS



Spray Master V-Series MIG Guns come standard with these Velocity Consumables.

MIG Gun	Contact Tip	Nozzle
V250	VTM35	VNM62F
V350	VTM116	VNM62F
V450	VTH116	VNH62

Upgrade your Spray Master® MIG gun to Velocity™ by replacing the conductor tube.

For additional information on converting to Velocity consumables, refer to Tweco Conductor Tube Conversions and Diffuser Adaptors Flyer Form No. 64-1403



Spray Master Conductor Tube Upgrade

Description	Part No.	Stock No.
45° Conductor Tube Assembly	SMVCT45	1240-1373
45° Conductor Tube Long Reach Assembly	SMVCT45LM	1640-1373
60° Conductor Tube Assembly	SMVCT60	1240-1374
60° Conductor Tube Long Reach Assembly	SMVCT60LM	1640-1374

Upgrade Spray Master to Velocity™

- 1) Order a Velocity conductor tube assembly from the table at left.
- 2) Order a new replacement liner.
- 3) Order Velocity consumables - contact tips and nozzles. See catalog page 94 or Velocity consumables range brochure (Form No. 64-1403).
- 4) Visit our website or refer to your Tweco® owner's manual for specific step by step instructions to complete the modification.

Spray Master® V-Series Replacement Parts

#	Description	Spray Master V250 Amp		Spray Master V350 Amp		Spray Master V450 Amp	
		Part No.	Stock No.	Part No.	Stock No.	Part No.	Stock No.
1	Threaded Stainless Sleeve	VCTLSL	1640-1397	VCTLSL	1640-1397	VCTLSL	1640-1397
2	Nozzle Collar	VCTLSLK	1640-1398	VCTHSLK	1640-1398	VCTHSLK	1640-1398
3	Wave Spring	VCTLSPR	1640-1399	VCTLSPR	1640-1399	VCTLSPR	1640-1399
4	Wave Spring Retainer	PMA64RS	1640-1396	PMA64RS	1640-1396	PMA64RS	1640-1396
5	Conductor Tube Assembly	SMVCT45	1240-1373	SMVCT60	1240-1374	SMVCT60	1240-1374
6	Handle –Standard Spray Master	SMV82	2060-2082	SMV83	2060-2083	SMV84	2060-2084
	Handle –Dual Schedule (Rocker Switch)	N/A	N/A	SMV83DS	2060-2077	SMV84DS	2060-2078
	Handle –Locking Trigger	SMV82LC	2060-2079	SMV83LC	2060-2080	SMV84LC	2060-2081
7	Trigger–Standard & Dual Schedule	ELC94	2060-2647	ELC94	2060-2647	ELC94	2060-2647
	Trigger –Locking	MS94-LC	2060-2693	MS94-LC	2060-2693	MS94-LC	2060-2693
7b	Dual Schedule Rocker Switch	N/A	N/A	MS94-RSW	2060-2694	MS94-RSW	2060-2694
8	Trigger Blade Assembly	ELC94-BL	2060-2671	ELC94-BL	2060-2671	ELC94-BL	2060-2671
9	Cablehoz® Assembly - 10 ft (3 m)	N/A	N/A	MS310	1730-2035	N/A	N/A
	Cablehoz Assembly - 12 ft (4 m)	MS212	1720-2116	MS312	1730-2036	MS512	1750-2116
	Cablehoz Assembly - 15 ft (5 m)	MS215	1720-2117	MS315	1730-2037	MS515	1750-2117
	Cablehoz Assembly - 25 ft (8 m)	MS225	1720-2118	MS325	1730-2038	MS525	1750-2118
	Cablehoz Assembly, Euro-Kwik - 12 ft (4 m)	MS212X	1720-2107	N/A	N/A	MS512X	1750-2119
	Cablehoz Assembly, Euro-Kwik - 15 ft (5 m)	MS215X	1720-2108	N/A	N/A	MS515X	1750-2120
	Cablehoz Assembly, Euro-Kwik - 25 ft (8 m)	MS225X	1720-2109	N/A	N/A	N/A	N/A
9a	Cablehoz Front Mechanical Connector Replacement Kit	MS102-RK	2060-2132	MS104-RK	2060-2133	EL106-RK	2060-2620
9b	Cablehoz Rear Mechanical Connector Replacement Kit	MS172-RK	2060-2134	MS174-RK	2060-2135	--	--
9c	Cablehoz Rear Mechanical Connector Replacement Kit For Euro-Style	172X-M	2020-2181	174X-M	2040-2181	--	--
10a	Miller® Rear Connector	350174MHFS	2035-2118	350174MHFS	2035-2118	350174MHFS	2035-2118
10b	Miller Control Wire & Plug	WM-354M	2030-2075	WM-354M	2030-2075	WM-354M	2030-2075
NS	Miller Dual Schedule Control Wire & Plug	N/A	N/A	194DS	2040-2195	194DS	2040-2195
11a	Tweco® Rear Connector	350174HFS	2035-2119	350174HFS	2035-2119	350174HFS	2035-2119
11b	Tweco Control Wire	MS354-TAJ	2060-2139	MS354-TAJ	2060-2139	MS354-TAJ	2060-2139
NS	Tweco Dual Schedule Control Wire & Plug	MS-354DS-TJ	2060-2138	MS-354DS-TJ	2060-2138	MS-354DS-TJ	2060-2138
12a	Lincoln® Rear Connector	350-174LH	2035-2112	350-174LH	2035-2112	350-174LH	2035-2112
12b	Lincoln Control Wire & Plug	MS-354DS-LJ	2060-2137	MS-354DS-LJ	2060-2137	MS-354DS-LJ	2060-2137
13	Euro-Kwik Connection Assembly	174EX-1	2040-2276	174EX-1	2040-2276	174EX-1	2040-2276
13a	Euro-Kwik Nut	174X-2	2040-2177	174X-2	2040-2177	174X-2	2040-2177
13b	Euro-Kwik Connector Case	X6RC	2060-2006	X6RC	2060-2006	X6RC	2060-2006
14	Conduit – Refer to our catalog or visit esab.com	--	--	--	--	--	--
15	Sleeve Screw	VCT41CS	2040-2048	VCT41CS	2040-2048	VCT41CS	2040-2048