

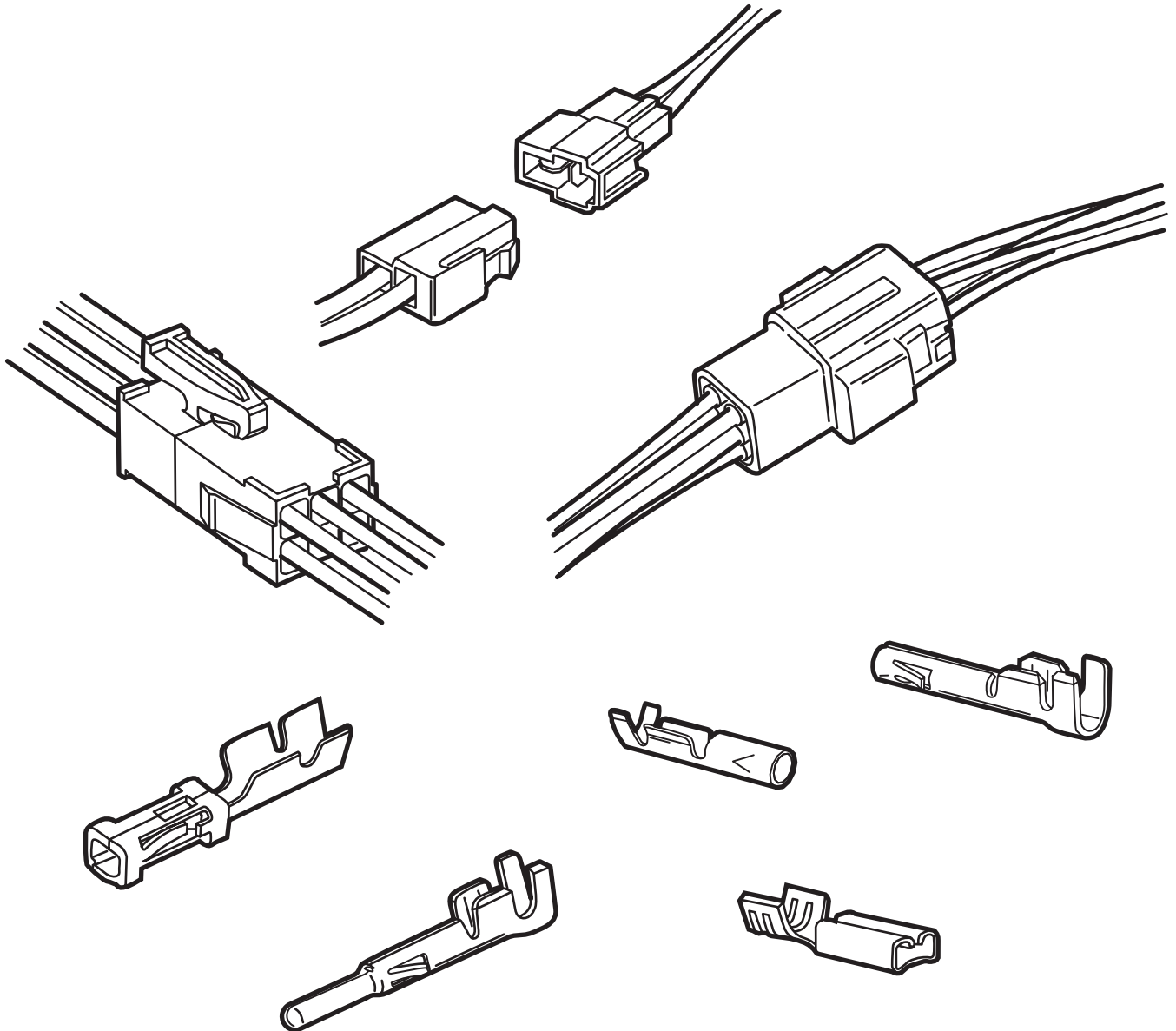


**ELECTRICAL CONNECTORS  
ALL PRODUCTS**

**RENEWAL PARTS**

Supersedes: **NOTHING**

Form 50.20-RP1 (103)



LD08685

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<b>Connectors for Micropanel Control Panel</b>					
<b>Board</b>	<b>Board</b>	<b>Position</b>	<b>Circuits</b>	<b>Plug Housing p/n</b>	<b>Pin p/n</b>
Microboard	031-01065-XXX	J3	2	025-19667-000 or 025-21136-000	025-19674-000
Microboard	031-01065-XXX	J4	12	025-21196-000	025-27232-000
Microboard	031-01065-XXX	J8	4	025-21138-000	025-19674-000
Microboard	031-01065-XXX	J10	3	025-21137-000	025-19674-000
Microboard	031-01065-XXX	J17	15	025-28385-000	025-28386-000
Microboard	031-01065-XXX	J19	12	025-28384-000	025-28386-000
Microboard	031-01065-XXX	J20	4	025-28959-000	025-28386-000
Microboard	031-01065-XXX	J21	9	025-28383-000	025-28386-000
Microboard	031-01065-XXX	J22	6	025-28382-000	025-28386-000
Microboard	031-01065-XXX	J23	4	025-28959-000	025-28386-000
Microboard	031-01065-XXX	J24	6	025-28382-000	025-28386-000
I/O Exp. Board	031-01301-XXX	J1	2	025-29130-000	025-28386-000
I/O Exp. Board	031-01301-XXX	J3	2	025-29130-000	025-28386-000
I/O Exp. Board	031-01301-XXX	J4	6	025-28382-000	025-28386-000
I/O Exp. Board	031-01301-XXX	J5	4	025-28959-000	025-28386-000
I/O Exp. Board	031-01301-XXX	J6	3	025-29185-000	025-28386-000
I/O Exp. Board	031-01301-XXX	J7	2	025-21136-000	025-19674-000
I/O Exp. Board	031-01301-XXX	J8	6	025-28382-000	025-28386-000
Power Supply	031-01080-XXX	J1	3	025-21137-000	025-32506-000
Power Supply	031-01080-XXX	J2	4	025-21138-000	025-19674-000
Power Supply	031-01080-XXX	J3	2	025-21136-000	025-32506-000
Power Supply	031-01080-XXX	J4	3	025-21137-000	025-19674-000
Power Supply	031-01080-XXX	J5	2	025-21136-000	025-19674-000
Power Supply	031-01080-XXX	J6	2	025-29130-000	025-28386-000
Level Control		J1	2	025-29130-000	025-28386-000
Level Control		J2	3	025-29185-000	025-28386-000
Level Control		J3	4	025-28959-000	025-28386-000
CM-2		J1	2	025-19667-000	025-22214-000
CM-2		J2	4	025-21417-000	025-22214-000
CM-2		J3	2	025-19667-000	025-22214-000
Relay Output		J2	2	025-19667-000	025-19674-000
Digital Input		J2	3	025-21137-000	025-19674-000
Start/Stop Reset		J11		571-01199-201	571-01791-201
Logic Board		J1	8	025-28388-000	025-27232-000
Trigger Board		J1	12	025-18955-000	025-19674-000
Dangling Door Connector	Connector	Door	9	025-21192-000	
Dangling Door Connector	Pin	Door	9	025-22214-000	
Dangling Door Connector	Mate	Door	9	025-21191-000	
Dangling Door Connector	Socket	Door	9	025-22215-000	

<b>Connectors for Optiview Panels</b>					
<b>Board</b>	<b>Board p/n</b>	<b>Position</b>	<b>Circuits</b>	<b>Plug p/n</b>	<b>Pin p/n</b>
Microboard		J1	8	025-34144-000	025-34145-000
Microboard		J7	24	025-34533-000	025-28386-000
Microboard		J8	22	025-34117-000	025-28386-000
Microboard		J9	20	025-34116-000	025-28386-000
Microboard		J15	6	025-28382-000	025-28386-000
Microboard		J20	3	025-29185-000	025-28386-000
Microboard		J21	4	025-28959-000	025-28386-000
CM-2 Board		J1	2	025-21136-000	025-19674-000
CM-2 Board		J2	4	025-21417-000	025-22214-000
CM-2 Board		J3	2	025-19667-000	025-19674-000
I/O Board		J2	2	025-29130-000	025-28386-000
ACC Board		J3	4	025-21138-000	025-19674-000
ACC Board		J4	3	025-29185-000	025-28386-000
ACC Board		J6	2	025-19667-000	025-19674-000
ACC Board		J8	4	025-28959-000	025-28386-000
ACC Board		J9	6	025-28382-000	025-28386-000
ACC Board		J10	4	025-28959-000	025-28386-000
Hot Gas By-Pass		P1-P8	6	025-37816-000	Screw
Hot Gas By-Pass		P9	16	025-34143-000	025-28386-000
Hot Gas By-Pass		P10	8	025-37816-001	Screw
Digital I/O		P1-P6	6	025-37816-000	Screw
Digital I/O		P7 & P8	16	025-34143-000	025-28386-000
Terminal Block 7		Beige Feed Through Block			025-33290-000

<b>Proximity Probe to Optiview Panel</b>					
Proximity Probe		P8			025-28386-000
Proximity Probe		J31-1		025-27974-000	025-18443-000
Proximity Probe Complete Assembly (includes 21' of cable)					025-35900-000
Proximity Probe, Female Mil Connector Only Attached to 21' of Cable					025-35148-000
Proximity Probe, With Male Mil Connector Only					025-34584-000

<b>Harnesses for Optiview Panels</b>					
Power Supply		J32	8	025-34557-000	025-34563-000
Power Supply		P30	12	025-28384-000	025-28386-000
Power Supply		P2	13	025-34504-000	025-25157-000
Aux		J30	12	025-34147-000	025-30999-000
Aux		P32	8	025-34144-000	025-34145-000
Aux		P31	2	025-19667-000	025-19674-000
Door Connr.		J10	6	025-19670-000	025-22215-000
Door Connr.		P10	6	025-20963-000	025-22214-000

<b>Connectors for VSD starters</b>					
<b>Board</b>	<b>Board p/n</b>	<b>Position</b>	<b>Circuits</b>	<b>Plug housing p/n</b>	<b>Pin p/n</b>
Logic Board	031-01433-000	J1	12	025-28384-000	025-28386-000
Logic Board	031-01433-000	J2	9	025-28383-000	025-28386-000
Logic Board	031-01433-000	J3	3	025-19671-000	025-19673-000
Logic Board	031-01433-000	J5	3	025-21137-000	025-19674-000
Logic Board	031-01433-000	J6	5	025-32565-000	025-19673-000
Logic Board	031-01433-000	J12	6	025-19670-000	025-19673-000
Filter Logic Board	031-01632-XXX	J3	9	025-28383-000	025-28386-000
Filter Logic Board	031-01632-XXX	J4	3	025-19671-000	025-19673-000
Filter Logic Board	031-01632-XXX	J5	6	025-32566-000	025-20990-000
Filter Logic Board	031-01632-XXX	J6	2	025-29130-000	025-28386-000
Filter Logic Board	031-01632-XXX	J13	3	025-29185-000	025-28386-000

VSD Logic Board	031-02077-000	J1	12	025-28384-000	025-28386-000
VSD Logic Board	031-02077-000	J2	9	025-28383-000	025-28386-000
VSD Logic Board	031-02077-000	J3	3	025-19671-000	025-22214-000
VSD Logic Board	031-02077-000	J5	3	025-19671-000	025-22214-000
VSD Logic Board	031-02077-000	J6	5	025-32565-000	025-22214-000
VSD Logic Board	031-02077-000	J8	7	025-32511-000	n/a
VSD Logic Board	031-02077-000	J9	7	025-32511-000	n/a
VSD Logic Board	031-02077-000	J10	7	025-32511-000	n/a
VSD Logic Board	031-02077-000	J11	3	025-31743-000	n/a
VSD Logic Board	031-02077-000	J12	6	025-32566-000	025-20533-000
Bus Isolator Board	031-01624-000	J1	3	025-19671-000	025-20533-000
Bus Isolator Board	031-01624-000	J2	3	025-19671-000	025-22214-000
SCR Trigger Board	031-02060-000	J1	2	025-27974-000	025-19674-000
SCR Trigger Board	031-02060-000	J2	2	025-27974-000	025-19674-000
SCR Trigger Board	031-02060-000	J3	2	025-27974-000	025-19674-000
SCR Trigger Board	031-02060-000	J4	6	025-28382-000	025-28386-000
SCR Trigger Board	031-02060-000	J5	2	025-29130-000	025-28386-000
SCR Trigger Board	031-02060-000	J6	2	025-29130-000	025-28386-000
SCR Trigger Board	031-02060-000	J7	8	025-34144-000	025-34563-000
Filter Logic Board	031-01632-XXX	J2	9	025-31744-000	n/a
Filter Logic Board	031-01632-XXX	J3	12	025-28384-000	025-28386-000
Filter Logic Board	031-01632-XXX	J4	3	025-19671-000	025-20533-000
Filter Logic Board	031-01632-XXX	J5	8	025-28388-000	025-22214-000
Filter Logic Board	031-01632-XXX	J6	2	025-29130-000	025-28386-000
Filter Logic Board	031-01632-XXX	J8	4	025-32512-000	n/a
Line Isolator Board	031-02022-000	J1	3	025-19671-000	025-20533-000
Line Isolator Board	031-02022-000	J2	4	025-21417-000	025-22214-000

<b>Solid State Starters</b>					
Logic/trigger	031-02001-XXX	J1	12	025-28384-000	025-28386-000
Logic/trigger	031-02001-XXX	J5 & J12	2	025-19672-000	025-20533-000
Logic/trigger	031-02001-XXX	J6 thru J11	2	025-27974-000	025-19674-000

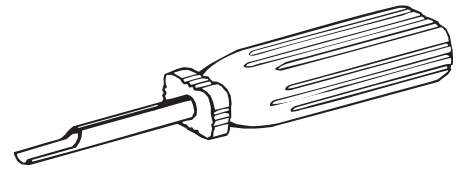
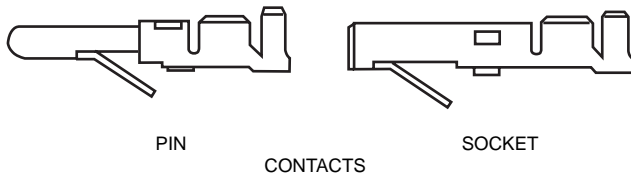
<b>System Electrical Connections</b>		
<b>Application / location</b>	<b>Description</b>	<b>Part Number</b>
Shielded cable at sensor end	Two pin housing for temperature thermistors	025-28951-000
	Three pin housing for pressure transducers	025-28954-000
	Rubber collars to fit over wire insulation	025-28950-000
	Contact receptacles (metal terminals)	025-28952-000
Thermistor	Two pin housing for sensor end (supplied with thermistor)	025-28948-000
	Rubber collars to fit over wire insulation (supplied with thermistor)	025-28950-000
	Contact tabs (supplied with thermistor)	025-28949-000
	Alternate harness end connector assembly (old style thermistors)	025-29150-002
Transducer	Three pin housing for transducer (supplied with transducer)	025-28953-000
	Rubber collars to fit over wire insulation (supplied with transducer)	025-28950-000
	Contact tabs (metal terminals) (supplied with transducer)	025-28949-000
	Alternate harness end connector assembly (old style transducers)	025-29150-001

<b>Miscellaneous</b>	
2-conductor shielded cable*, gray cable with foil shield & drain wire 20 AWG - for thermistors	025-28701-002
3-conductor shielded cable*, gray cable with foil shield & drain wire 20 AWG - for transducers	025-28701-003
Insulated spring spade terminal for shielded cable drain wire connection to panel	025-19407-000
Insulated spring spade terminal AWG 16 - 14	025-18732-000
Un-insulated straight push-on connection terminal with insulation support clamp	025-06874-000
Copper ferrule splice cap for electrical connections	025-10372-000
Nylon electrical insulator for use with copper ferrule splice cap	025-10371-000
DIN plug for solenoid valve with suppressor	025-37876-000
DIN plug for solenoid valve without suppressor	025-34047-000
Diode Bridge	031-00210-000
Surge suppressor .250 VAC, 0.1 MFD, 100 ohm	031-00808-000
Varistor, metal oxide (MOV) 30 volt, 1.4 joules	031-01722-100
Varistor, metal oxide (MOV) 56 volt, 2.0 joules	031-00556-000
Varistor, metal oxide (MOV) 230 volt, 35 joules	031-01349-000

\* Specify Required Cable Length in Feet When Ordering

## APPLICATION & EXTRACTION HAND TOOLS

029-22962-000



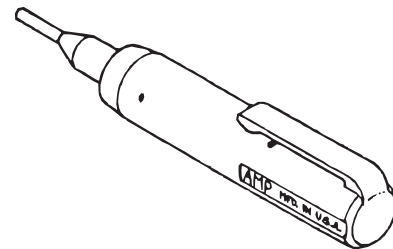
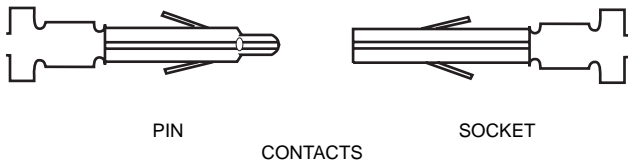
Use to extract metal pins and sockets from plastic housings of (Commercial Mate-N-Lok)

Source 1 Part No: **521-18452-000**

York Part No: **025-28952-000**

Description: Commercial Mate-N-Lok Removal Tool

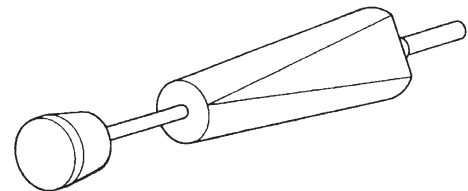
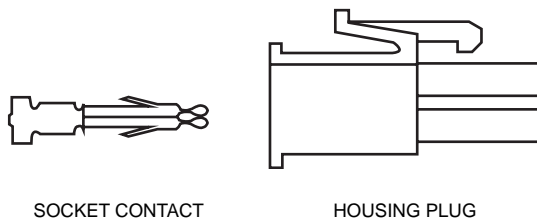
## NON - YORK APPLICATION & EXTRACTION HAND TOOLS



Use to extract metal pins and sockets from plastic housings of (Commercial Mate-N-Lok)

Source 1 Part No: **521-18453-000**

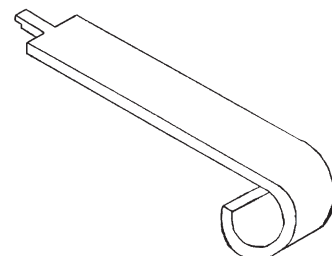
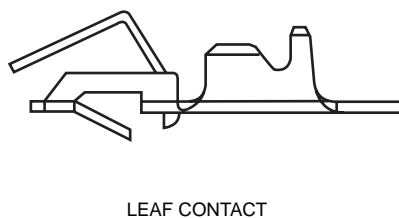
Description: Universal Mate-N-Lok Removal Tool



Use to extract metal pins and sockets from plastic housings of (Commercial Mate-N-Lok)

Source 1 Part No: **521-18454-000**

Description: Mini-Universal Mate-N-Lok Removal Tool



Use to extract metal pins and sockets from plastic housings of (Commercial Mate-N-Lok)

Source 1 Part No: **521-18456-000**

Description: Bifurcated Leaf Contact Removal Tool

