

**TOTAL SOURCE**<sup>®</sup>  
Parts and Accessories

# SERVICE VAN CATALOG

Your Material Handling Product  
Source For On The Road

shop  
online **24/7**  
**irmn.com**

Information Resource Management Network

## What's Inside?

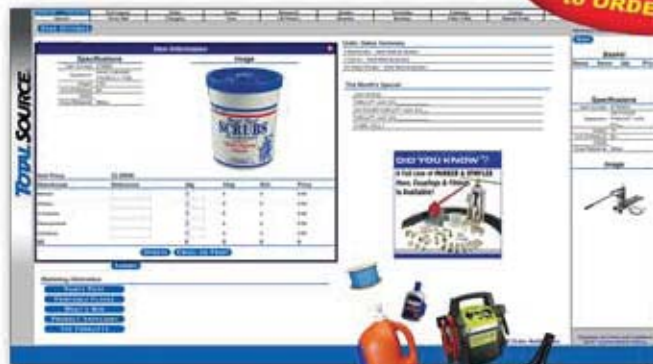
- |           |                     |
|-----------|---------------------|
| BATTERY   | PAINT               |
| CLEANING  | TOOLS / ACCESSORIES |
| CHEMICALS | CHECKLIST           |
| SAFETY    |                     |

**SMH**<sup>®</sup>  
SYSTEMS MATERIAL HANDLING

FIND thousands more products, along with **NEW** and **SALE** items.

Access the industry's largest selection of forklift parts and order anytime, from anywhere! Having 24/7 access, real-time price and availability, order history and up-to-date account information increases your productivity.

- Print or email item information
- Check all warehouses for availability on any part
- Enter part number and click on a number to view all identical parts
- View parts pictures and information
- Cross reference available from anywhere in IRMN 5.1



Convenient way to ORDER!



CHECK FOR LATEST DATES & LOCATIONS!

SMH has created a University designed to give companies in the Material Handling Industry programs to enhance employee knowledge of new generation mechanical systems, emerging technologies and professional skills. SMHU programs will be "hands-on" training designed to assure a quality learning experience on a wide variety of topics.

**TOTAL SOURCE**<sup>®</sup>  
Parts and Accessories



Check out the **MASTER CATALOG** online at [www.smhco.com](http://www.smhco.com)



# TABLE OF CONTENTS

<b>BATTERY</b>	
Battery Connectors . . . . .	2
Connectors Dust Covers . . . . .	3
Connector Lockouts . . . . .	3
Connector Key Kits . . . . .	3
Battery Charger . . . . .	3
Battery Booster Packs . . . . .	4
Battery Cables . . . . .	5
Battery Terminal Kits . . . . .	6-8
Heat Shrink Tubing . . . . .	9
Wire Loom . . . . .	9
Conductor Cable . . . . .	9
Wire . . . . .	10
Cable Ties . . . . .	11
Battery Cable . . . . .	12
Battery Clips . . . . .	12
Battery Caps . . . . .	12
Cable Clamps . . . . .	12
<b>CLEANING</b>	
Hand Cleaners . . . . .	13-14
Towels . . . . .	14
Hand Broom . . . . .	14
Dust Pan . . . . .	14
<b>CHEMICALS</b>	
Lubricants, Adhesives, Sealants .	15-17
Fluids, Grease, Oil . . . . .	17
Antifreeze, Oil, Transmission Fluids	18
<b>SAFETY</b>	
Ear Plugs . . . . .	19
First Aid Kit . . . . .	19
Gloves . . . . .	19
Respirator Masks . . . . .	20
Hard Hat . . . . .	20
Acid Sleeves . . . . .	20
Acid Apron . . . . .	20
Safety Glasses . . . . .	20
Goggles . . . . .	21
Face Shields . . . . .	21
Spill Kits . . . . .	21
Fire Extinguisher . . . . .	22
World Decal Kit . . . . .	22
Warning Triangles . . . . .	22
<b>PAINT</b>	
Paint . . . . .	23

<b>TOOLS &amp; ACCESSORIES</b>	
Truck Stands . . . . .	24
Truck Jacks . . . . .	24
Hardware Kits . . . . .	25
O-ring Kits . . . . .	26
Hose Clamps . . . . .	27
Bucket . . . . .	27
Vice-Table Top . . . . .	27
Exhaust Clamps . . . . .	27
Storage Cabinets . . . . .	27
Chain Wear Gauge . . . . .	27
Fork Caliper . . . . .	27
Funnels, Spouts, Nozzles . . . . .	28
Oil Pans . . . . .	28
Gas Cans, Carriers . . . . .	29
Fuel Station . . . . .	29
Mini Bar Lights . . . . .	29
Tensioning, Cutoff Tools . . . . .	30
Cutting, Stripping Tools . . . . .	30
Crimping Tools . . . . .	30-31
Battery Tools . . . . .	32
Flashlights . . . . .	33
Fuse Kit . . . . .	33
Glass Fuse Kit . . . . .	33
Drop Light . . . . .	34
Trouble Light . . . . .	34
Extention Cords . . . . .	34
Wheel Chocks . . . . .	34
Mechanic's Mat . . . . .	34
C-Frame Creeper Seat . . . . .	34
Vice-Hand Held . . . . .	34
Portable Gasoline Fueled Generator	34

<b>TOOLS &amp; ACCESSORIES</b>	
Dye-Lite Tracer . . . . .	35
Leak Detection Lamps . . . . .	35
Leak Detection Kits . . . . .	35
Quickheat Guns . . . . .	35
Soldering Guns . . . . .	36
Riveter Set . . . . .	36
Electrical, Duct Tapes . . . . .	36
Oil Filter Wrenches . . . . .	37
Lubrication Tools . . . . .	37-39
Cooling, Belts, Hoses, Adapters . .	39
Diagnostic Tools . . . . .	40
Ignition Tune-up, Electrical Tools .	41
Brake, Wheels Tools . . . . .	42
Spark Plug, Feeler Gauges . . . . .	42
Steering, Suspension Tools . . . . .	42
Pullers, Puller Sets . . . . .	43
Tubing Tools . . . . .	43
Speciality Pliers . . . . .	43
Thread Repair, Fastener Tools . .	44-45
Brushes . . . . .	45
Mirrors, Pick up Tools . . . . .	46
General Service Tools . . . . .	46
Scraper, Knives . . . . .	46
Cordless Hand Tools . . . . .	47
Air Compressors, Hoses . . . . .	48
Pressure Washers . . . . .	49
Vacuum Cleaner . . . . .	49
Beta Tools . . . . .	50-53
Checklists . . . . .	54-56
Alpha Index . . . . .	57

## QUICK INDEX

<b>BATTERY</b>	<b>2-12</b>
<b>CLEANING</b>	<b>13-14</b>
<b>CHEMICALS</b>	<b>15-18</b>
<b>SAFETY</b>	<b>19-22</b>
<b>PAINT</b>	<b>23</b>
<b>TOOLS &amp; ACCESSORIES</b>	<b>24-53</b>
<b>CHECKLISTS</b>	<b>54-56</b>
<b>ALPHA INDEX</b>	<b>57</b>

## BATTERY CONNECTORS

### SY® BATTERY CONNECTORS

SY50, 120, 175, AND 350 AMP

- Single piece housings of impact resistant polycarbonate offer both high physical strength and superior dielectric properties
- Silver-plated solid copper contacts offer low resistance for superior conductivity
- Self-cleaning contact design resists arcing by keeping conductive surfaces clean and free of corrosion
- Contacts have flared and heat-treated barrels which readily accept fine stranded wire and allow easy, quality crimping
- Integral stainless steel springs maintain constant pressure on the contact to insure a consistent, low-resistance connection



#### 50AMP

PART#	DESCRIPTION (1 housing/2 contacts)	HOUSING#	CONTACT#
SY6319	50AMP gray connector with 6GA contacts	SY992	SY903G1
SY6319G1	50AMP gray connector with 10-12GA contacts	SY992	SY904G1
SY6319G2	50AMP gray connector with 8GA contacts	SY992	SY905G1
SY6331G1	50AMP red connector with 6GA contacts	SY992G1	SY903G1
SY6331G2	50AMP red connector with 10-12GA contacts	SY992G1	SY904G1
SY6331G3	50AMP black connector with 6GA contacts	SY992G2	SY903G1
SY6331G4	50AMP black connector with 10-12GA contacts	SY992G2	SY904G1
SY6331G5	50AMP blue connector with 6GA contacts	SY992G3	SY903G1
SY6331G6	50AMP blue connector with 10-12GA contacts	SY992G3	SY904G1
SY6331G7	50AMP yellow connector with 6GA contacts	SY992G4	SY903G1
SY6331G8	50AMP yellow connector with 10-12GA contacts	SY992G4	SY904G1
SY6331G9	50AMP yellow connector with 8GA contacts	SY992G4	SY905G1

#### 120AMP

PART#	DESCRIPTION (1 housing/2 contacts)	HOUSING#	CONTACT#
SY6330G2	120AMP gray connector with 2GA contacts	SY920	SY1319-G2
SY6330G4	120AMP gray connector with 4GA contacts	SY920	SY1319-G4
SY6330G6	120AMP gray connector with 6GA contacts	SY920	SY1319-G6
	120AMP blue connector with 2GA contacts	SY920G3	SY1319-G2
	120AMP blue connector with 4GA contacts	SY920G3	SY1319-G4
	120AMP blue connector with 6GA contacts	SY920G3	SY1319-G6

#### 175AMP

PART#	DESCRIPTION (1 housing/2 contacts)	HOUSING#	CONTACT#
SY6325G1	175AMP gray connector with 1/0 contacts	SY940	SY944
SY6325G5	175AMP gray connector with 2GA contacts	SY940	SY944-2
SY6325G6	175AMP gray connector with 4GA contacts	SY940	SY944-4
SY6325G7	175AMP gray connector with 6GA contacts	SY940	SY944-6
SY6326G1	175AMP blue connector with 1/0 contacts	SY941	SY944
SY6326G5	175AMP blue connector with 2GA contacts	SY941	SY944-2
SY6326G6	175AMP blue connector with 4GA contacts	SY941	SY944-4
SY6326G7	175AMP blue connector with 6GA contacts	SY941	SY944-6
SY6327G1	175AMP orange connector with 1/0 contacts	SY942	SY944
SY6327G5	175AMP orange connector with 2GA contacts	SY942	SY944-2
SY6327G6	175AMP orange connector with 4GA contacts	SY942	SY944-4
SY6327G7	175AMP orange connector with 6GA contacts	SY942	SY944-6
SY6328G1	175AMP yellow connector with 1/0 contacts	SY943	SY944
SY6328G5	175AMP yellow connector with 2GA contacts	SY943	SY944-2
SY6328G6	175AMP yellow connector with 4GA contacts	SY943	SY944-4
SY6328G7	175AMP yellow connector with 6GA contacts	SY943	SY944-6
SY6329G1	175AMP red connector with 1/0 contacts	SY949	SY944
SY6329G5	175AMP red connector with 2GA contacts	SY949	SY944-2
SY6329G6	175AMP red connector with 4GA contacts	SY949	SY944-4
SY6329G7	175AMP red connector with 6GA contacts	SY949	SY944-6

#### 175AMP

PART#	DESCRIPTION (1 housing/2 contacts)	HOUSING#	CONTACT#
SY6325G1	175AMP gray connector with 1/0 contacts	SY940	SY944
SY6325G5	175AMP gray connector with 2GA contacts	SY940	SY944-2
SY6325G6	175AMP gray connector with 4GA contacts	SY940	SY944-4
SY6325G7	175AMP gray connector with 6GA contacts	SY940	SY944-6
SY6326G1	175AMP blue connector with 1/0 contacts	SY941	SY944
SY6326G5	175AMP blue connector with 2GA contacts	SY941	SY944-2
SY6326G6	175AMP blue connector with 4GA contacts	SY941	SY944-4
SY6326G7	175AMP blue connector with 6GA contacts	SY941	SY944-6
SY6327G1	175AMP orange connector with 1/0 contacts	SY942	SY944
SY6327G5	175AMP orange connector with 2GA contacts	SY942	SY944-2

#### 350AMP

PART#	DESCRIPTION (1 housing/2 contacts)	HOUSING#	CONTACT#
SY6320G1	350AMP gray connector with 2/0 contacts	SY906	SY907
SY6320G2	350AMP gray connector with 4/0 contacts	SY906	SY908
SY6320G3	350AMP gray connector with 1/0 contacts	SY906	SY917
SY6320G5	350AMP gray connector with 3/0 contacts	SY906	SY916
SY6321G1	350AMP blue connector with 2/0 contacts	SY912	SY907
SY6321G2	350AMP blue connector with 4/0 contacts	SY912	SY908
SY6321G3	350AMP blue connector with 1/0 contacts	SY912	SY917
SY6321G5	350AMP blue connector with 3/0 contacts	SY912	SY916
SY6322G1	350AMP red connector with 2/0 contacts	SY913	SY907
SY6322G2	350AMP red connector with 4/0 contacts	SY913	SY908
SY6322G3	350AMP red connector with 1/0 contacts	SY913	SY917
SY6322G5	350AMP red connector with 3/0 contacts	SY913	SY916
SY6323G1	350AMP yellow connector with 2/0 contacts	SY914	SY907
SY6323G2	350AMP yellow connector with 4/0 contacts	SY914	SY908
SY6323G3	350AMP yellow connector with 1/0 contacts	SY914	SY917
SY6323G5	350AMP yellow connector with 3/0 contacts	SY914	SY916
SY6324G1	350AMP green connector with 2/0 contacts	SY931	SY907
SY6324G2	350AMP green connector with 4/0 contacts	SY931	SY908
SY6324G3	350AMP green connector with 1/0 contacts	SY931	SY917
SY6324G5	350AMP green connector with 3/0 contacts	SY931	SY916
SY6400G1	350AMP orange connector with 2/0 contacts	SY932	SY907
SY6400G2	350AMP orange connector with 4/0 contacts	SY932	SY908
SY6400G3	350AMP orange connector with 1/0 contacts	SY932	SY917
SY6400G5	350AMP orange connector with 3/0 contacts	SY932	SY916



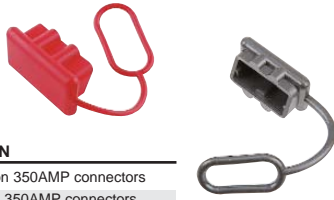
Recognized under the component program of Underwriters laboratories, Inc. File No. E81617



Listed by Canadian Standards Association for use with certified equipment, File No. LR82704

## CONNECTOR DUST COVERS

### 832 SERIES



PART#	DESCRIPTION
STC902-BLK	Black for use on 350AMP connectors
STC902-RED	Red for use on 350AMP connectors
STC903	Red for use on 50AMP connectors
STC904	Black for use on 50AMP connectors

## CONNECTOR KEY KITS

- Can be mounted to prevent charger to SCR panel engaging while still allowing battery and truck connector halves to engage
- Can also be mounted as lockouts



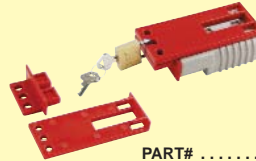
PART#	DESCRIPTION
SY1105	50AMP
SY1120	175/350AMP

## CONNECTOR LOCKOUTS

- For use with 175 AMP or 350 AMP connectors
- Lock not included



PART# .....SY175-LOCKOUT



PART# .....SY350-LOCKOUT



## BATTERY CHARGER

### SINGLE PHASE MULTI-VOLT CHARGER

- The Energic Plus TSS battery chargers have been designed to charge Pb batteries
- Input current 15AMP max
- The time of charge is set by the mechanical timer from 0-24 hours
- Meets UL and CSA standards
- Especially designed and tested for the North American market
- Handles for easy portability
- Great for on-site assistance, perfect as temporary replacement of a faulty charger
- Compact Dimensions: 17.2" w x 11.6" d x 10.8" h (43 x 29 x 27 cm)
- Weight: 60LBS (27 kg)

PART#.....TSS12-24-36-48V



SELECTED VOLTAGE	INITIAL CURRENT
12V	50A
24V	50A
36V	35A
48V	30A

The output voltage can be selected between the four available values by moving the selection plug to the required position.

## BATTERY BOOSTER PACK

### RESCUE™ BOOSTER PACKS

All models include:

- 100% copper welding type cable for maximum conductivity and flexibility
- Tangle proof construction
- Stays flexible in subzero temperatures

#### MODEL 900

- Jumpstarts 12 volt vehicles premium battery
- DC power source
- 27" cables
- LED battery status

PART#.....SY604050-001



GAUGE	LENGTH	BATTERY CAPACITY	STARTING CURRENT	PEAK CURRENT
6	27"	18AMP/Hr.	400AMP	900AMP

Stays FLEXIBLE in SUBZERO temperatures!!



#### MODEL 1000

- Safeguard audible signal and light
- LED clamp lights
- Handy storage compartment
- Built-in work light
- Jumpstarts 12 volt vehicles
- Heavy duty battery
- DC power source

PART#.....SY604052-001



GAUGE	LENGTH	BATTERY CAPACITY	STARTING CURRENT	PEAK CURRENT
6	55"	20AMP/Hr.	500AMP	1000AMP

#### MODEL 950

- Air compressor and air gauge
- Includes multiple air tips
- Built-in work light
- Jumpstarts 12 volt vehicles
- Premium battery
- DC power source
- Extra long 55" cables
- Battery status gauge

PART#.....SY604051-001



Multiple AIR TIPS!

GAUGE	LENGTH	BATTERY CAPACITY	STARTING CURRENT	PEAK CURRENT
6	55"	18AMP/Hr.	400AMP	900AMP

#### MODEL 2000

- Safeguard audible signal and light
- Built-in work light
- Jumpstarts 12 and 24 volt vehicles
- Two heavy duty battery
- DC power source
- Extremely long 62" cables
- Battery status gauge

PART#.....SY604054-001



GAUGE	LENGTH	BATTERY CAPACITY	STARTING CURRENT	PEAK CURRENT
2	62"	2 batteries, each 20AMP/Hr.	400AMP/900AMP	900AMP/1500AMP

#### MODEL 1800

- Safeguard audible signal and light
- LED clamp lights
- Built-in work light
- Jumpstarts 12 volt vehicles
- Two heavy duty batter
- DC power source
- Extra long 55" cables
- Battery status gauge

PART#.....SY604053-001



EXTRA LONG cables!

GAUGE	LENGTH	BATTERY CAPACITY	STARTING CURRENT	PEAK CURRENT
4	55"	2 batteries, each 20AMP/Hr.	700AMP	1500AMP

## BATTERY CABLES

Safe, Easy and the Fastest Way to Jump Start ANY Vehicle!

### SAFE-T-CONNECT®

#### BOOSTER CABLE ASSEMBLIES

- Booster cable assembly includes: 1 booster cable \ with or without polarity indicator, 1 vehicle harness, 1 dust cover and mounting hardware

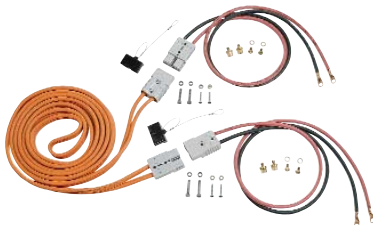


Green and red LED Lights eliminates polarity mis-match!

PART#	DESCRIPTION
STC164	16'/4.9m booster assembly
STC202	20'/6.0m Arctic Ultra Flex Blue booster assembly
STC202/ET	20'/6.0m Arctic Ultra Flex Blue booster assembly with polarity indicator
STC252	25'/7.6m Arctic Ultra Flex Blue booster assembly
STC252/ET	25'/7.6m Arctic Ultra Flex Blue booster assembly with polarity indicator
STC254	25'/7.6m booster assembly
STC304	30'/9.1m booster assembly
STC164/ET	16'/4.9m booster assembly with polarity indicator
STC254/ET	25'/7.6m booster assembly with polarity indicator
STC302	30'/9.1m booster cable
STC302C	30'/9.1m jumper cable
STC302/ET	30'/9.1m booster cable with polarity indicator
STC304/ET	30'/9.1m booster assembly with polarity indicator
STC352/ET	35'/9.1m booster cable with polarity indicator

### SAFE-T-CONNECT® FLEET ASSEMBLY

- Twin gauge Vu-Tron® welding cable
- 2 impact-resistant polycarbonate connector housing



#### PART#.....STC164-A

Fleet assembly includes: 1 fleet booster cable with connectors on both ends, 2 vehicle harnesses, 2 dust covers and mounting hardware

#### REPLACEMENT

PART#	DESCRIPTION
STC901	Polarity Indicator
STC904	Dust cover, fits 50AMP housing
STC905	Dust cover, fits 175AMP housing
STC906	Dust cover, fits 350AMP housing
STC910	Side post hardware
STC912	Brass stud, used for various GM applications



Underwriters Laboratories listed, file No. AU2427

Pictured with polarity indicator  
Green and red LED Lights eliminates polarity mis-match!

### SAFE-T-CONNECT® ARTIC ULTRA FLEX BLUE BOOSTER CABLE ASSEMBLY WITH CLAMPS EACH END

- For extreme applications -55° C - +105° C



PART#	DESCRIPTION
STC202C	20'/6.0m 2GA
STC252C	25'/7.6m 2GA

### SAFE-T-CONNECT® 16 FT. JUMPER CABLES WITH CLAMPS EACH END



PART#.....STC924-16

### COMMERCIAL HEAVY DUTY BOOSTER CABLES

PART#	GAUGE	LENGTH	AMPS
SY602330-001	1	20'	500
SY602340-001	1	25'	500
SY602360-001	1	30'	500
SY602370-001	1/0	20'	800
SY602380-001	1/0	25'	800
SY602390-001	2/0	20'	800
SY602400-001	2/0	25'	800
SY602410-001	2/0	30'	800



## BATTERY TERMINAL KITS

### MAGNALUG ASSORTMENTS



Includes shrink tubes!

	HEAVY DUTY		AUTO/LIGHT TRUCK	
	SY9931-001 2/0GA	SY9932-001 3/0GA	SY9930-001 4GA 1GA	
5/16" Starter ground lugs			10	10
3/8" Starter ground lugs	20	20	20	20
1/2" Starter ground lugs	15	15		
Battery Connectors - single cable, locking	10	10		
Battery Connectors - dual cable, locking	8	8		
Battery cable splices	8	8	8	8
Closed cap nuts	18	18	20	20
6" Black heat shrink tube	4	4	4	4
6" Red heat shrink tube	4	4	4	4



### COMPRESSION ASSORTMENTS



	PART# SY9103-001 1 & 2GA	PART# SY9125-001 2/0GA
Straight clamps - positive	10	10
Straight clamps - negative	10	20
Flag clamps - positive	5	5
Flag clamps - negative	5	5
Heavy wall lugs	10	10
Compression nuts	50	50
Bolts and nuts	30	30

### SOLDER ASSORTMENTS

PART# . . . . .SY9063-001

Includes SAFETY GLASSES



DESCRIPTION	QTY.	DESCRIPTION	QTY.
Safety glasses	1	1/0 gauge 3/8" HD solder lug	5
1 & 2 gauge negative solder clamp	5	2/0 gauge 3/8" HD solder lug	1
1 & 2 gauge positive solder clamp	5	Quick flux, 2 fluid ounces	20
1/0 gauge negative solder clamp	5	3/4" Double wall heat shrink 1.5" black	20
1/0 gauge positive solder clamp	5	3/4" Double wall heat shrink 1.5" red	1
2/0 gauge negative solder clamp	5	Square head bolt 5/16" - 18 X 1-3/8"	30
2/0 gauge positive solder clamp	5	Shoulder nut 5/16" - 18	30
1 & 2 gauge 3/8" HD solder lug	5		

### FIELD REPAIR KITS-WITHOUT CABLE

- Field Repair Kit contains components (except cable) needed to build or repair 2/0 battery cables
- Available with or without the HexCrimp tool

CARRYING CASE



	PART# SY9920-001	PART# SY9921-001		PART# SY9957-001
<b>2/0 GAUGE KITS</b>			<b>4 &amp; 2 GAUGE KITS</b>	
Carrying case	1	1	4GA Straight clamp - positive	5
HexCrimp tool		1	4GA Straight clamp - negative	5
9" Cutter	1	1	4GA copper tube lug - 3/8" hole	10
2/0 straight clamp - positive	5	5	2GA copper tube lug - 3/8" hole	10
2/0 straight clamp - negative	5	5	Square head bolts and shoulder nuts	10
2/0 flag clamp - positive	2	2	QuickCutter 9" long	1
2/0 flag clamp - negative	2	2	QuickStrip cable stripper	1
2/0 starter/ground lug - 3/8" hole	5	5	HexCrimp Jr. crimping tool	1
2/0 starter/ground lug - 1/2" hole	5	5	Carrying case	1
3/4" Heat shrink tube - black 6"	2	2		
3/4" Heat shrink tube - red 6"	2	2		
Terminal protector straight - black	5	5		
Terminal protector straight - red	5	5		
Terminal protector flag - black	2	2		
Terminal protector flag - red	2	2		



## BATTERY TERMINAL KITS

### SBC CRIMP OR SBF FUSION SOLDER



Includes SAFETY GLASSES

PART#	ASSORTMENT	WIRE RANGE	CONTENTS
SY400801-001	Crimp	4, 2, 1/0, 2/0	40 silver-plated, solid copper contacts 20 pieces of 3/4" FlexTube heat shrink tubing 8 gray, 175AMP polycarbonate housing 4 gray, 350AMP polycarbonate housing 4 black protective caps for 175AMP housing 4 black protective caps for 350AMP housing 1 pair of safety glasses 1 heavy duty metal storage drawer
SY400802-001	Fusion	2, 1/0, 2/0	40 silver-plated, solid copper contacts 20 pieces of 3/4" FlexTube heat shrink tubing 8 gray, 175AMP polycarbonate housing 4 gray, 350AMP polycarbonate housing 4 black protective caps for 175AMP housing 4 black protective caps for 350AMP housing 1 cleaning brush 1 4oz. container of QuickFlux 1 pair of safety glasses 1 heavy duty metal storage drawer

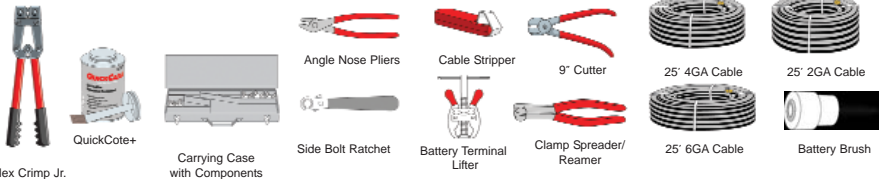
### CRIMP ASSORTMENTS



	HEAVY DUTY		ALL VEHICLES			AUTO & LIGHT TRUCK	
	SY9910-001 1/0GA	SY9906-001 2/0GA	SY9902-001 4GA	1GA	2/0GA	SY9908-001 4GA	2GA
Straight clamps - positive	10	10	5	5	10	10	10
Straight clamps - negative	10	10	5	5	10	10	10
Flag clamps - positive	4	4			4		
Flag clamps - negative	4	4			4		
Heavy wall copper lugs - 3/8" stud hole	10	10	10	10	10	10	10
Heavy wall copper lugs - 1/2" stud hole	5	5			5	5	5
Stud/side terminal locking lug - 3/8" hole	10	10			5	5	5
Stud/side terminal locking lug - 1/2" stud	5	5					
In-line dual wire - 3/8" stud hole	4	4					
Copper lugs, tin plated - 5/16" stud hole					10	10	10
Copper lugs, tin plated - 3/8" stud hole	10	10			10	10	10
Copper lugs, tin plated - 1/2" stud hole	10	10					
Heavy wall heat shrink tubing - black	20	20			10	10	10
Heavy wall heat shrink tubing - red	20	20			10	10	10
Terminal protectors straight clamp - black	5	5	4	4	4	4	4
Terminal protectors straight clamp - red	5	5	4	4	4	4	4
Terminal protectors flag clamp - black	3	3					
Terminal protectors flag clamp - red	3	3					
Battery bolts - tin plated	28	28	48	48	40	40	40
Shoulder nuts - tin plated	28	28	48	48	40	40	40
Closed cap nuts - stainless steel	5	5					

### GARAGE MAINTENANCE KIT - WITH CABLE

- Contains all tools and materials necessary to make or repair light and medium duty cables
- Includes eight battery service tools
- 25' rolls of 6, 4 and 2 gauge cable
- 130 piece assortment of connectors, terminal protectors and heat shrink tubing
- Metal carrying case



PART# . . . . .SY9967-001

CABLE GAUGE	UNIVERSAL TOP POST CLAMPS	HEAVY WALL COPPER LUGS	COPPER TUBE TUBE LUGS	3/4" SIDE TERMINAL LUGS	HEAVY WALL HEAT SHRINK TUBE	SIDE TERMINAL WASHERS	TOP POST WASHERS	BOLTS & NUTS
6			10   10	5	10   10	5   5	5   5	10
4	5	5	10   10	5	10   10	5   5	5   5	10
2	5	5	10   10	5				10

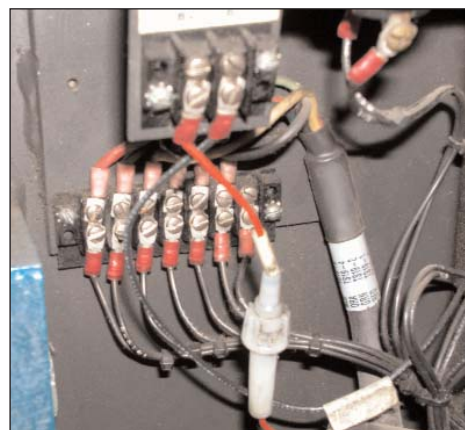
terminal bolts

## BATTERY TERMINAL KITS

### TERMINAL KIT

- 300 pieces
- Color coded
- Solderless

PART# .....SY9930



QTY.	TYPE	GAUGE	COLOR	SIZE
10 pieces	Splice connector	22-18	Red	
10 pieces	Splice connector	16-14	Blue	
5 pieces	Splice connector	12-10	Yellow	
20 pieces	Ring	22-18	Red	6
20 pieces	Ring	22-18	Red	8
20 pieces	Ring	22-18	Red	10
20 pieces	Ring	16-14	Blue	6
20 pieces	Ring	16-14	Blue	8
20 pieces	Ring	16-14	Blue	10
20 pieces	Spade connector	22-18	Red	10

QTY.	TYPE	GAUGE	COLOR	SIZE
10 pieces	Splice connector	22-18	Red	
10 pieces	Splice connector	16-14	Blue	
5 pieces	Splice connector	12-10	Yellow	
20 pieces	Ring	22-18	Red	6
20 pieces	Ring	22-18	Red	8
20 pieces	Ring	22-18	Red	10
20 pieces	Ring	16-14	Blue	6
20 pieces	Ring	16-14	Blue	8
20 pieces	Ring	16-14	Blue	10
20 pieces	Spade connector	22-18	Red	10

### TERMINAL ASSORTMENTS

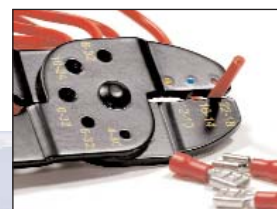
PART# .....SY990112-001



DESCRIPTION	TYPE	STUD	GAUGES	QTY.
Ring terminals	5 types	#10, 1/4", 3/8"	16-14 & 12-10	15 pieces
Butt connectors	2 types		16-14 & 12-10	6 pieces
Spade terminals	2 types	#10	16-14 & 12-10	6 pieces
Tab disconnects	Male/Female	.25	16-14	6 pieces

### PVC TERMINAL KIT

PART# .....SY990113-001



5 WAY Crimp Tool

DESCRIPTION	TYPE	STUD	GAUGES	QTY.
Ring terminals	4 types	#10, 1/4", #8, 5/16"	16-14 & 12-10	60 pieces
Hook terminals	2 types	#8	16-14 & 12-10	30 pieces
Spade terminals	2 types	#10, #8	16-14 & 12-10	30 pieces
Butt connectors	2 types		16-14 & 12-10	50 pieces
Flat disconnect M & F	5 types	1/4"	16-14 & 12-10	80 pieces
Bullet disconnect M & F	2 types	.157	16-14 & 12-10	30 pieces
3-Way connectors	2 types		16-14 & 12-10	14 pieces
5-Way crimping tool				1 piece

## HEAT SHRINK TUBING

### PRE-CUT HEAT-SHRINK CONNECTION TUBING

- Ideal for sealing battery cable ends
- 3 to 1 shrink ratio



PART#	COLOR	OUTSIDE DIAMETER	WIRE SIZES	WALL THICKNESS	LENGTH
SYHSRED	Red	.75"	#1 - #8	Thin	1.5"
SYHSBLK	Black	.75"	#1 - #8	Thin	1.5"
SYHSRED1	Red	1.0"	4/0 -1/0	Thin	1.5"
SYHSBLK1	Black	1.0"	4/0 -1/0	Thin	1.5"
SYHSREDM	Red	.75"	#1 - #8	Medium	1.5"
SYHSBLKM	Black	.75"	#1 - #8	Medium	1.5"
SYHSREDM1	Red	1.0"	4/0 - 1/0	Medium	1.5"
SYHSBLKM1	Black	1.0"	4/0 - 1/0	Medium	1.5"
SYHSREDHD	Red	.75"	#1 - #8	Heavy	1.5"
SYHSBLKHD	Black	.75"	#1 - #8	Heavy	1.5"
SYHSREDHD1	Red	1.0"	4/0 - 1/0	Heavy	1.5"
SYHSBLKHD1	Black	1.0"	4/0 - 1/0	Heavy	1.5"

### SHRINK TUBE

- Used for harnessing, wire bundling, strain reliefs, insulation of terminals, cable jacketing
- Easy to ID by color coding or marking
- Irradiated polyolefin
- -11°F to +175°F (-24°C to +80°C) operating temperature
- UL standard 224CSA standard 198
- MIL-1-23053/5A
- 2:1 shrink ratio
- Sold in 4' (1.2m) lengths unless noted



PART#	SIZE	COLOR	PART#	SIZE	COLOR
SY9975	1/8"/3mm	Black	SY9983	3/16"/5mm	Red
SY9976	3/16"/5mm	Black	SY9984	1/4"/6mm	Red
SY9977	1/4"/6mm	Black	SY9985	3/8"/10mm	Red
SY9978	3/8"/10mm	Black	SY9986	1/2"/13mm	Red
SY9979	1/2"/13mm	Black	SY9987	3/4"/19mm	Red
SY9980	3/4"/19mm	Black	SY9988	1/25mm	Red
SY9981	1/25mm	Black	SY2-40SR-6"	6"/152mm	Red
SY9982	1/8"/3mm	Red	SY2-40S-6"	6"/152mm	Black

\* precut in 6" lengths

## WIRE LOOM

### CONVOLUTED WIRE LOOM

- Slit enables easy installation



PART #	DESCRIPTION	PART #	DESCRIPTION	PART #	DESCRIPTION
SY5685-025	1/4" Nylon 25'	SY5691-025	1" Nylon 25'	SY505203-050	1/2" Poly 50'
SY5685-100	1/4" Nylon 100'	SY5691-100	1" Nylon 100'	SY505203-100	1/2" Poly 100'
SY5687-025	3/8" Nylon 25'	SY5692-025	1-1/4" Nylon 25'	SY505204-050	3/4" Poly 50'
SY5687-100	3/8" Nylon 100'	SY5692-100	1-1/4" Nylon 100'	SY505204-100	3/4" Poly 100'
SY5688-025	1/2" Nylon 25'	SY505201-050	1/4" Poly 50'	SY505205-050	1" Poly 50'
SY5688-100	1/2" Nylon 100'	SY505201-100	1/4" Poly 100'	SY505205-100	1" Poly 100'
SY5690-025	3/4" Nylon 25'	SY505202-050	3/8" Poly 50'	SY505206-050	1-1/4" Poly 50'
SY5690-100	3/4" Nylon 100'	SY505202-100	3/8" Poly 100'	SY505206-100	1-1/4" Poly 100'

## CONDUCTOR CABLE

**1**

- 2 conductor
- 16GA
- Type SJOW-A

PART# .....SY58559

**2**

- 2 conductor
- 18GA
- Type SJOW-A

PART# .....SY41421

**3a/3b**

- 3 conductor
- 18GA/16GA
- Type SJOW-A/Type/SJO

(3a) PART# .....SY58561  
(3b) PART# .....SY1603



**4**

- 3 conductor
- 18GA
- Type TC

PART# .....SY43530

**5**

- 8 conductor
- 18GA
- Type TC

PART# .....SY43529

**6**

- 12 conductor
- 16GA
- Type SOW-A

PART# .....SY58563

**7**

- 5 conductor
- 18GA
- Type TC

PART# .....SY43528

**8**

- 6 conductor
- 18GA
- Type TC

PART# .....SY58564

**9**

- 10 conductor
- 16GA
- Type SEOW (SDN)

PART# .....SY58565

## WIRE

### PRIMARY WIRE TYPE GPT/PVC

- 10-18GA electrical wire
- Sold in spools of 100' (30.5m)
- Recommended temperature range -40°F to +176°F (-40°C to +80°C)
- For use whenever SAE J-1128 specifies general circuit wiring



PART#	DESCRIPTION	SIZE
SY10GA-BLK	Wire black	10GA
SY10GA-BLU	Wire blue	10GA
SY10GA-BRN	Wire brown	10GA
SY10GA-GRN	Wire green	10GA
SY10GA-ORG	Wire orange	10GA
SY10GA-RED	Wire red	10GA
SY10GA-WHT	Wire white	10GA
SY10GA-YLW	Wire yellow	10GA
SY12GA-BLK	Wire black	12GA
SY12GA-BLU	Wire blue	12GA
SY12GA-BRN	Wire brown	12GA
SY12GA-GRN	Wire green	12GA
SY12GA-ORG	Wire orange	12GA
SY12GA-RED	Wire red	12GA

PART#	DESCRIPTION	SIZE
SY12GA-WHT	Wire white	12GA
SY12GA-YLW	Wire yellow	12GA
SY14GA-BLK	Wire black	14GA
SY14GA-BLU	Wire blue	14GA
SY14GA-BRN	Wire brown	14GA
SY14GA-GRN	Wire green	14GA
SY14GA-ORG	Wire orange	14GA
SY14GA-RED	Wire red	14GA
SY14GA-WHT	Wire white	14GA
SY14GA-YLW	Wire yellow	14GA
SY16GA-BLK	Wire black	16GA
SY16GA-BLU	Wire blue	16GA
SY16GA-BRN	Wire brown	16GA
SY16GA-GRN	Wire green	16GA

PART#	DESCRIPTION	SIZE
SY16GA-ORG	Wire orange	16GA
SY16GA-RED	Wire red	16GA
SY16GA-WHT	Wire white	16GA
SY16GA-YLW	Wire yellow	16GA
SY18GA-BLK	Wire black	18GA
SY18GA-BLU	Wire blue	18GA
SY18GA-BRN	Wire brown	18GA
SY18GA-GRN	Wire green	18GA
SY18GA-ORG	Wire orange	18GA
SY18GA-RED	Wire red	18GA
SY18GA-WHT	Wire white	18GA
SY18GA-YLW	Wire yellow	18GA

### ARTIC ULTRAFLEX BLUE™ WIRE

Arctic Ultraflex Blue™ is the premier "Arctic Grade" primary/machine tool wire that is rated and proven to work in the extreme temperature ranges of -55° to 105°C (-67°F to +221°F). This revolutionary wire combines fine tuned copper construction with a jacket material designed to be resistant to the abuses of oil, gasoline, sunlight, salt water, acids and chemicals.



- All weather grade cable rated and proven to work from -55° to 105°C (-67°F to +221°F)
- Can be used in most 600v applications
- Highly abrasion resistant jacket material
- Corrosion resistant tinned copper conductors
- Numerous applications including those approved under NEC article 400 and associated articles
- Available in a multitude of primary colors, gauges and configurations
- Sold in 100' (30.5m) and 500' (152.4m) reels
- Bulk quantities available
- Underwriters laboratories listed MTW 600v
- Canadian Standards Association TEW or AWM 105°C
- Passes UL/CSA vertical flame test

PART #	DESCRIPTION	SIZE
SYAB10GA-BLK	Black wire	10GA
SYAB10GA-BLU	Blue wire	10GA
SYAB10GA-BRN	Brown wire	10GA
SYAB10GA-GRN	Green wire	10GA
SYAB10GA-GRY	Gray wire	10GA
SYAB10GA-ORG	Orange wire	10GA
SYAB10GA-RED	Red wire	10GA
SYAB10GA-WHT	White wire	10GA
SYAB10GA-YLW	Yellow wire	10GA
SYAB12GA-BLK	Black wire	12GA
SYAB12GA-BLU	Blue wire	12GA
SYAB12GA-BRN	Brown wire	12GA
SYAB12GA-GRN	Green wire	12GA
SYAB12GA-GRY	Gray wire	12GA
SYAB12GA-ORG	Orange wire	12GA
SYAB12GA-PUR	Purple wire	12GA

PART #	DESCRIPTION	SIZE
SYAB12GA-RED	Red wire	12GA
SYAB12GA-WHT	White wire	12GA
SYAB12GA-YLW	Yellow wire	12GA
SYAB14GA-BLK	Black wire	14GA
SYAB14GA-BLU	Blue wire	14GA
SYAB14GA-BRN	Brown wire	14GA
SYAB14GA-GRN	Green wire	14GA
SYAB14GA-GRY	Gray wire	14GA
SYAB14GA-ORG	Orange wire	14GA
SYAB14GA-PUR	Purple wire	14GA
SYAB14GA-RED	Red wire	14GA
SYAB14GA-WHT	White wire	14GA
SYAB14GA-YLW	Yellow wire	14GA
SYAB16GA-BLK	Black wire	16GA
SYAB16GA-BLU	Blue wire	16GA
SYAB16GA-BRN	Brown wire	16GA

PART #	DESCRIPTION	SIZE
SYAB16GA-GRN	Green wire	16GA
SYAB16GA-GRY	Gray wire	16GA
SYAB16GA-ORG	Orange wire	16GA
SYAB16GA-RED	Red wire	16GA
SYAB16GA-WHT	White wire	16GA
SYAB16GA-YLW	Yellow wire	16GA
SYAB18GA-BLK	Black wire	18GA
SYAB18GA-BLU	Blue wire	18GA
SYAB18GA-BRN	Brown wire	18GA
SYAB18GA-GRN	Green wire	18GA
SYAB18GA-GRY	Gray wire	18GA
SYAB18GA-ORG	Orange wire	18GA
SYAB18GA-RED	Red wire	18GA
SYAB18GA-WHT	White wire	18GA
SYAB18GA-YLW	Yellow wire	18GA

## CABLE TIES

### TY-RAP®

- Low-profile head, good locks—won't snag
- Easy to install, won't slip, mechanic's grip
- Stainless steel lock, maintains right tension
- Infinitely adjustable design, always the "right" size
- Smooth molded body, less stress-sensitive than notched type ties
- Ribbed and stippled back, won't slip on bundle
- Registered as Standard 1565
- Qualified under OPC 23190



The MX series cable ties are recommended for outdoor use. The addition of carbon black provides good ultraviolet resistance and prolongs the useful life of the cable tie. If large quantities of ties are being installed TY-RAP® installing tools will increase productivity and reduce operator fatigue.

ULTRAVIOLET RESISTANT



### STANDARD NYLON 6/6



PART#	GOVERNMENT DESIGNATION	MAX TENSILE UNLOCKING STRENGTH	MAXIMUM BUNDLE DIAMETER	APPROX. LENGTH	BODY WIDTH	PACKAGE QUANTITY
SYTY523M	MS3367-4	18lbs (8kg)	.63" (16mm)	3.6" (92mm)	.09" (2mm)	100
SYTY5232M	MS3367-4	18lbs (8kg)	2.0" (51mm)	8.0" (203mm)	.09" (2mm)	100
SYTY524M	MS3367-5	40lbs (18kg)	1.1" (29mm)	5.5" (140mm)	.14" (4mm)	100
SYTY5242M	MS3367-5	40lbs (18kg)	2.0" (51mm)	8.2" (208mm)	.14" (4mm)	100
SYTY526M	MS3367-5	40lbs (18kg)	3.0" (76mm)	11.1" (282mm)	.14" (4mm)	100
SYTY5244M	MS3367-5	40lbs (18kg)	4.0" (102mm)	14.5" (368mm)	.14" (4mm)	100
SYTY525M	MS3367-1	50lbs (23kg)	1.7" (45mm)	7.3" (186mm)	.18" (5mm)	100
SYTY5253M	MS3367-7	50lbs (23kg)	3.0" (76mm)	11.4" (290mm)	.18" (5mm)	100
SYTY528M	MS3367-2	50lbs (23kg)	4.0" (102mm)	14.2" (361mm)	.18" (5mm)	100
SYTY5272M	MS3367-2	120lbs (54kg)	2.0" (51mm)	9.0" (229mm)	.27" (7mm)	100
SYTY527M	MS3367-3	120lbs (54kg)	3.5" (89mm)	13.4" (340mm)	.27" (7mm)	100
SYTY5275M	MS3367-3	120lbs (54kg)	5.0" (127mm)	18.0" (457mm)	.27" (7mm)	50
SYTY529M	MS3367-6	120lbs (54kg)	9.0" (229mm)	30.0" (762mm)	.30" (8mm)	50
SYTY53510M	MS3367-6	175lbs (79kg)	10.0" (254mm)	35.0" (889mm)	.32" (8mm)	50
SYTY54513M	MS3367-6	175lbs (79kg)	13.0" (330mm)	45.0" (1,143mm)	.32" (8mm)	50

### NYLON 6/6 - WEATHER RESISTANT



PART#	GOVERNMENT DESIGNATION	MAX TENSILE UNLOCKING STRENGTH	MAXIMUM BUNDLE DIAMETER	APPROX. LENGTH	BODY WIDTH	PACKAGE QUANTITY
SYTY523MX	MS3367-4	18lbs (8kg)	.63" (16mm)	3.6" (92mm)	.09" (2mm)	100
SYTY5232MX	MS3367-4	18lbs (8kg)	2.0" (51mm)	8.0" (203mm)	.09" (2mm)	100
SYTY524MX	MS3367-5	40lbs (18kg)	1.1" (29mm)	5.5" (140mm)	.14" (4mm)	100
SYTY5242MX	MS3367-5	40lbs (18kg)	2.0" (51mm)	8.2" (208mm)	.14" (4mm)	100
SYTY526MX	MS3367-5	40lbs (18kg)	3.0" (76mm)	11.1" (282mm)	.14" (4mm)	100
SYTY5244MX	MS3367-5	40lbs (18kg)	4.0" (102mm)	14.5" (368mm)	.14" (4mm)	100
SYTY525MX	MS3367-1	50lbs (23kg)	1.7" (45mm)	7.3" (186mm)	.18" (5mm)	100
SYTY5253MX	MS3367-7	50lbs (23kg)	3.0" (76mm)	11.4" (290mm)	.18" (5mm)	100
SYTY528MX	MS3367-2	50lbs (23kg)	4.0" (102mm)	14.2" (361mm)	.18" (5mm)	100
SYTY5272MX	MS3367-2	120lbs (54kg)	2.0" (51mm)	9.0" (229mm)	.27" (7mm)	100
SYTY527MX	MS3367-3	120lbs (54kg)	3.5" (89mm)	13.4" (340mm)	.27" (7mm)	100
SYTY5275MX	MS3367-3	120lbs (54kg)	5.0" (127mm)	18.0" (457mm)	.27" (7mm)	50
SYTY529MX	MS3367-6	120lbs (54kg)	9.0" (229mm)	30.0" (762mm)	.30" (8mm)	50
SYTY53510MX	MS3367-6	175lbs (79kg)	10.0" (254mm)	35.0" (889mm)	.32" (8mm)	50
SYTY54513MX	MS3367-6	175lbs (79kg)	13.0" (330mm)	45.0" (1,143mm)	.32" (8mm)	50

### CABLE TIE MOUNTS



PART#	SLOT WIDTH	WIDTH	SLOT HEIGHT	LENGTH	COLOR
SYTYM10434	.15" (4mm)	.75" (19mm)	.05" (1mm)	.75" (19mm)	White
SYTYM1041	.20" (5mm)	1.0" (25mm)	.07" (2mm)	1.0" (25mm)	White
SYTYM10415	.36" (9mm)	1.5" (4mm)	.14" (4mm)	1.0" (25mm)	White
SYTYMB10434	.15" (4mm)	.75" (19mm)	.05" (1mm)	.75" (19mm)	Black
SYTYMB1041	.20" (5mm)	1.0" (25mm)	.07" (2mm)	1.0" (25mm)	Black
SYTYMB10415	.36" (9mm)	1.5" (4mm)	.14" (4mm)	1.0" (25mm)	Black

### CABLE TIE SADDLE MOUNTS



PART#	CABLE TIE PULL STRENGTH	MOUNTING	WIDTH	LENGTH	HEIGHT	QTY.	COLOR
SYCTMOW	18 - 50LBS (8-23kg)	#6 Screw	.380"	.600"	.265"	100	White
SYCTMOB	(8-23kg)	(10mm)	(15mm)	(7mm)			Black
SYCTM1W	18 - 50LBS (8-23kg)	#8 Screw	.380"	.600"	.265"	100	White
SYCTM1B	(8-23kg)	(10mm)	(15mm)	(7mm)			Black
SYCTM2W	18 - 120LBS (8-54kg)	#8 Screw	.620"	.875"	.375"	100	White
SYCTM2B	(8-54kg)	(16mm)	(22mm)	(10mm)			Black
SYCTM3W	18 - 120LBS (8-54kg)	#10 Screw	.620"	.875"	.375"	100	White
SYCTM3B	(8-54kg)	(16mm)	(22mm)	(10mm)			Black
SYCTM4W	18 - 120LBS (8-54kg)	.250" Screw	.620"	.875"	.375"	100	White
SYCTM4B	(8-54kg)	(16mm)	(22mm)	(10mm)			Black

## BATTERY CABLE

### ARTIC ULTRAFLEX BLUE™

Arctic Ultraflex Blue™ is the premier "Arctic Grade" battery cable that is rated and proven to work in the extreme temperature ranges of -55° to 105°C (-67°F to +221°F). This revolutionary wire combines fine copper construction with a jacket material designed to be resistant to the abuses of oil, gasoline, sunlight, salt water, acids and chemicals.

- All weather grade cable rated and proven to work from -55° to 105°C (-67°F to +221°F)
- Can be used in most 600v applications
- Sold in 50 foot increments
- Highly abrasion resistant jacket material
- Available in a multitude of primary colors, gauges and configurations



PART#	DESCRIPTION	SIZE
SYAB4GA-BLK	Black wire	4GA
SYAB8GA-BLK	Black wire	8GA
SYAB8GA-BLU	Blue wire	8GA
SYAB8GA-GRN**	Green wire	8GA
SYAB8GA-RED	Red wire	8GA
SYAB8GA-WHT**	White wire	8GA
SYAB6GA-BLK	Black wire	6GA
SYAB6GA-BLU	Blue wire	6GA
SYAB6GA-GRN**	Green wire	6GA
SYAB6GA-RED	Red wire	6GA
SYAB6GA-WHT**	White wire	6GA
SYAB4GA-BLK	Black wire	4GA
SYAB4GA-BLU	Blue wire	4GA
SYAB4GA-GRN**	Green wire	4GA
SYAB4GA-RED	Red wire	4GA
SYAB4GA-WHT**	White wire	4GA

PART#	DESCRIPTION	SIZE
SYAB2GA-BLK	Black wire	2GA
SYAB2GA-BLU	Blue wire	2GA
SYAB2GA-GRN**	Green wire	2GA
SYAB2GA-RED	Red wire	2GA
SYAB2GA-WHT**	White wire	2GA
SYAB1GA-BLK	Black wire	1GA
SYAB1GA-BLU	Blue wire	1GA
SYAB1GA-GRN**	Green wire	1GA
SYAB1GA-RED	Red wire	1GA
SYAB1GA-WHT**	White wire	1GA
SYAB1/0-BLK	Black wire	1/0
SYAB1/0-BLU	Blue wire	1/0
SYAB1/0-GRN**	Green wire	1/0
SYAB1/0-RED	Red wire	1/0
SYAB1/0-WHT**	White wire	1/0
SYAB2/0-BLK	Black wire	2/0

PART#	DESCRIPTION	SIZE
SYAB2/0-BLU	Blue wire	2/0
SYAB2/0-GRN**	Green wire	2/0
SYAB2/0-RED	Red wire	2/0
SYAB2/0-WHT**	White wire	2/0
SYAB3/0-BLK	Black wire	3/0
SYAB3/0-BLU	Blue wire	3/0
SYAB3/0-RED	Red wire	3/0
SYAB4/0-BLK	Black wire	4/0
SYAB4/0-BLU	Blue wire	4/0
SYAB4/0-RED	Red wire	4/0

\*\* Not standard but available in these colors -  
Special colors upon request with appropriate quantities

For 100 foot spooled cable use part# and add "-100" suffix

## BATTERY CLIPS

- Charging clips with vinyl boots



PART# .....SY120198-200

- Alligator clips with vinyl boots



PART# .....SY120199-200

## BATTERY CAPS

- 6 per package



PART# .....SY2901



## CABLE CLAMPS

### NATURAL NYLON

- Standard packaging 100
- Bulk quantities available



PART#	DIAMETER
SYTCL18	1/8" (3mm)
SYTCL36	3/16" (5mm)
SYTCL14	1/4" (6mm)
SYTCL56	5/16" (8mm)
SYTCL38	3/8" (10mm)
SYTCL12	1/2" (13mm)
SYTCL34	3/4" (19mm)
SYTCL78	7/8" (22mm)
SYTCL1	1" (25mm)

### BLACK NYLON

- Standard packaging 100
- Bulk quantities available



PART#	DIAMETER
SYTCLB18	1/8" (3mm)
SYTCLB36	3/16" (5mm)
SYTCLB14	1/4" (6mm)
SYTCLB56	5/16" (8mm)
SYTCLB38	3/8" (10mm)
SYTCLB12	1/2" (13mm)
SYTCLB34	3/4" (19mm)
SYTCLB78	7/8" (22mm)
SYTCLB1	1" (25mm)

### METAL

- Sold individually
- Bulk quantities available



PART#	DIAMETER
SYMCL14	1/4" (6mm)
SYMCL12	1/2" (13mm)
SYMCL58	5/8" (16mm)
SYMCL34	3/4" (19mm)
SYMCL1	1" (25mm)
SYMCL112	1-1/2" (38mm)

BULK Quantities Available!

## HAND CLEANERS

- Removes grease, tar and oil
- Use with or without water
- No harsh solvents



### NATURAL ORANGE™ PUMICE HAND CLEANER

Orange citrus fragrance and fast action lotion formula for cleaning a variety of:

- Industrial soils
- Mild dirt
- Grease



PART#	DESCRIPTION
SYGJ0955-02	1gal
SYGJ0957-12	14oz
SYGJ0958-04	1/2gal
SYGJ7255-04	2000ml
SYGJ7255-D2	Hand Cleaner Kit
SYGJ7556-02	5000ml

### POWER GOLD® HAND CLEANER

Easily removes the heaviest of grease, tar and oils



PART#	DESCRIPTION
SYGJ0987-12	14oz
SYGJ0988-02	2ltr
SYGJ7295-04	2000ml
SYGJ7295-D2	Hand Cleaner Kit
SYGJ7596-02	5000ml

### NATURAL ORANGE™ SMOOTH HAND CLEANER



Natural citrus ingredient



PART#	DESCRIPTION
SYGJ0945-04	1gal
SYGJ0947-12	14oz
SYGJ0948-06	1/2gal

### ORIGINAL FORMULA™ HAND CLEANER



PART#	DESCRIPTION
SYGJ1109-12	18oz
SYGJ1115-06	4.5lb
SYGJ1206-D1	Hand Cleaner Kit

### LEMON HAND CLEANER

Heavy duty cleaner with a lemon fragrance is used to remove:

- Grease
- Tar
- Oil



PART#	DESCRIPTION
SYGJ0902-12	18oz
SYGJ0903-12	22oz
SYGJ0905-06	4.5lb

### LEMON PUMICE HAND CLEANER

Heavy duty cleaner with a lemon fragrance and scrubbing particles for extra action in removing:

- Grease
- Tar
- Oil



PART#	DESCRIPTION
SYGJ0912-12	18oz
SYGJ0913-12	22oz
SYGJ0915-06	4.5lb
SYGJ1211-D1	Hand Cleaner Kit

### ORANGE SMOOTH HAND CLEANER

Heavy duty cleaner with orange citrus ingredients is used to remove:

- Grease
- Tar
- Oil



PART#	DESCRIPTION
SYGJ0961-12	14oz
SYGJ0965-06	4.5lb
SYGJ0968-06	28oz

### ORANGE PUMICE HAND CLEANER

Heavy duty cleaner with orange citrus ingredients and natural pumice scrubbers is used to remove:

- Grease
- Tar
- Oil



PART#	DESCRIPTION
SYGJ0971-12	14oz
SYGJ0975-06	4.5lb
SYGJ0978-06	28oz

### FAST WIPES®

- Used for quick cleanup of light grease and oils
- Use when serving vehicles, on the workbench or wherever water is not available.



Convenient

PART#	DESCRIPTION
SYGJ6201-01	130 count
SYGJ6202-01	225 count
SYGJ6282-06	25 wipes
SYGJ6298-04	130 wipes
SYGJ6299-02	225 wipes

## HAND CLEANERS CONTI.

### FINE ITALIAN PUMICE HAND CLEANER

Heavy duty cleaner with scrubbing particles for extra action in removing:

- Grease
- Tar
- Oil



PART#	DESCRIPTION
SYGJ1132-12	16oz
SYGJ1135-06	4lb

### CREME HAND CLEANER

Heavy duty cleaner use to remove:

- Grease
- Tar
- Oil



PART#	DESCRIPTION
SYGJ1141-08	14oz
SYGJ1148-06	28oz

### NATURAL® SMOOTH HAND CLEANER



PART#	DESCRIPTION
SYGJ7250-04	2000ml

### DISPENSER



PART#	DESCRIPTION
SYGJ1204-01	Dispenser

### FAST ORANGE®

- Hand cleaner
- Biodegradable
- No petroleum solvents



PART#	DESCRIPTION
SY9850	15oz

### HAND MEDIC

Antiseptic skin treatment to help heal skin thats:

- Dry
- Rough
- Cracked



PART#	DESCRIPTION
SYGJ8145-06	8oz Bottle
SYGJ8147-12	4oz Bottle
SYGJ8150-12	5oz Tube
SYGJ8242-06	Refill
SYGJ8242-D1	Starter Kit

### COTTON TOWELS



PART# .....SY9990



Packages of 10

### SCRUBS in-a-Bucket®

- Size: 10-1/2" X 12-1/4" (267mm X 311mm)

SCRUBS® are a unique patent-pending waterless hand-cleaning system combining both a high quality, liquid hand cleaner formula, and a heavy-duty, non-scratching, abrasive hand cleaning towel. Besides normal dirt and soils, Rough Touch® SCRUBS™ will remove:

- Heavy grease
- Asphalt
- Lubricants
- Inks
- Adhesives
- Wax
- Oils

and many other difficult to remove soils, such as coal dust, graphite and grass stains. And, where these soils are absorbed into the patented SCRUBS™ towel, they do not re-transfer soil back onto the skin!

PART# .....SY9995



72 towels per bucket

### POLYETHYLENE ECONOMY DUST PAN

- 12-1/4" w X 8-1/4" d

PART# .....SY59292



### POLYETHYLENE DUSTING BRUSH

- Brush length - 8"
- Bristle length - 2-5/8"
- Overall length - 14"

PART# .....SY59293





LUBRICANTS, ADHESIVES, SEALANTS

**PENRAY:** additives, treatments, cleaning and specialty products that maximize performance and help extend vehicle life.



- |             |   |            |  |
|-------------|---|------------|--|
| 1. SY1112   | Cool Tec 2, 12oz / 360ml                    | 15. SY5315 | Starting Fluid (50%) Ether, 11oz / 330ml                     |
| 2. SY100016 | Fuel Prep 1000, 16oz / 475ml                | 16. SY7001 | Red Grease Spray, 11oz / 330ml                               |
| 3. SY2112   | Fuel Injector Cleaner, 12oz / 360ml         | 17. SY7003 | Open Gear Lube Spray, 11oz / 330ml                           |
| 4. SY2114   | Carburetor Gum Solve Spray, 11oz / 330ml    | 18. SY7006 | Chain Lube Spray, 10oz / 300ml                               |
| 5. SY2420   | Injector Tune-Up, 12oz / 360ml              | 19. SY7009 | Dry Graphite Lube Spray, 11oz / 330ml                        |
| 6. SY3112   | Motor Aid Oil Treatment, 12oz / 360ml       | 20. SY7011 | Battery Protector Spray, 11.5oz / 345ml                      |
| 7. SY3210   | Trans/Power Steer Conditioner, 12oz / 360ml | 21. SY7012 | Battery Cleaner Spray, 15oz / 450ml                          |
| 8. SY3416   | Silicone Spray, 10oz / 300ml                | 22. SY7014 | Electric Motor Cleaner, 19oz / 570ml                         |
| 9. SY3716   | Diesel Flo, 16oz / 480ml                    | 23. SY9885 | Diesel Cooling Treatment, 12oz / 355ml                       |
| 10. SY3912  | Power Steering Fluid, 12oz / 360ml          | 24. SY9886 | Engine Clean & Degreaser, 14.5oz / 435ml                     |
| 11. SY4012  | Wrench-Eze Spray, 9oz / 270ml               | 25. SY9887 | White Lithium Grease Spray, 11oz / 330ml                     |
| 12. SY4516  | Penetrant & Lube Spray, 11oz / 330ml        | 26. SY9888 | Belt Dressing Spray, 7oz / 210ml                             |
| 13. SY4620  | Non-Chlorinated Brake Cleaner, 14oz / 420ml | 27. SY7005 | Innerslide Lubricant, for vertical columns and slides 10.5oz |
| 14. SY5112  | Nox-Ice Gas Line Antifreeze, 12oz / 260ml   |            |  |

## LUBRICANTS, ADHESIVES, SEALANTS



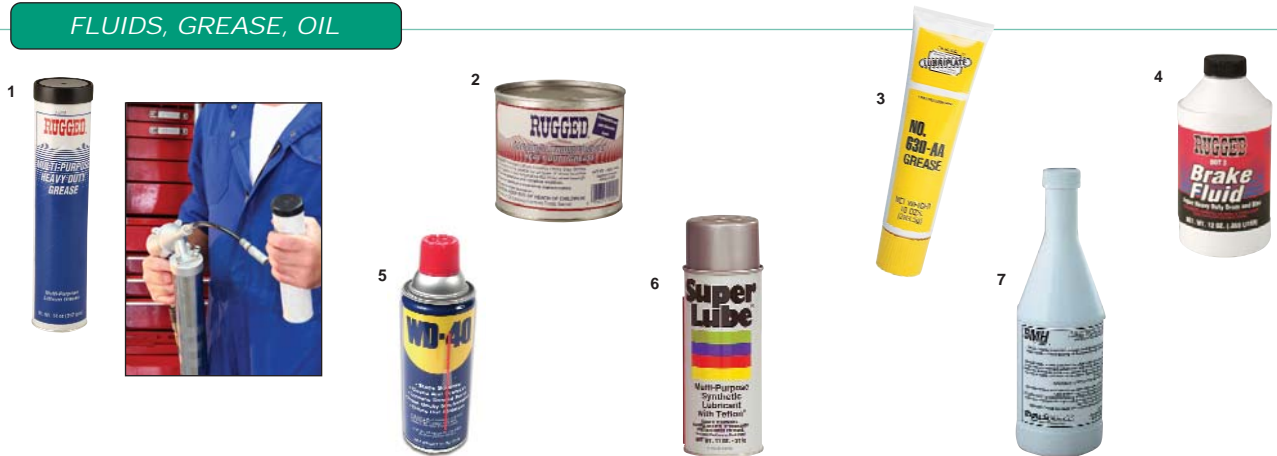
- |            |   |            |  |
|------------|---|------------|--|
| 1. SY9801  | Removable Threadlocker, 10ml/0.34oz     | 16. SY9818 | Black RTV Adhesive, 3oz/85g              |
| 2. SY9802  | Heavy Duty Threadlocker, 10ml/0.34oz    | 17. SY9819 | Red RTV Hi Temp Adhesives, 3.35pt/100ml  |
| 3. SY9803  | Pipe Sealant, 50ml/1.69oz               | 18. SY9822 | Quickset 404 Adhesives, .33oz/6.6ml      |
| 4. SY9804  | Retaining Compound, 10ml/0.34oz         | 19. SY9824 | Heavy Duty Threadlocker, .34oz/10ml      |
| 5. SY9805  | Gasket Maker, 50ml/1.69oz               | 20. SY9826 | Threadlocking Adhesive, .34oz/10ml       |
| 6. SY9806  | Gasket Remover, 540ml/18oz              | 21. SY9829 | Aviation Gasket Sealer, 15oz/450ml       |
| 7. SY9807  | Form-A-Gasket, 45ml/1.5oz               | 22. SY9830 | Retaining Compound, .2oz/.5ml            |
| 8. SY9808  | Black RTV Adhesive, 300ml/10.15oz       | 23. SY9831 | Black Contact Adhesive, 5oz/150ml        |
| 9. SY9809  | Red RTV Hi Temp Adhesive, 300ml/10.15oz | 24. SY9833 | Hi-Track® Gasket Sealant, 1pt/470ml      |
| 10. SY9810 | Clear RTV Adhesive, 85g/3oz             | 25. SY9846 | Belt Dressing Gasket Sealant, 12oz/360ml |
| 11. SY9811 | Super Bonder, 3g/0.10oz                 | 26. SY9840 | Cleaner & Degreaser, 16oz/489ml          |
| 12. SY9812 | Removable Threadlocker, 50ml / 1.69oz   | 27. SY9839 | Lube & Protect Spray, 16oz/480ml         |
| 13. SY9813 | Form-A-Gasket #3, 0.12ml / .25pt        | 28. SY9844 | Chain & Cable Lube, 12oz/360ml           |
| 14. SY9814 | Superflex Ultra Blue, 100ml/3.35pt      | 29. SY9849 | Cleaner & Degreaser, 15oz/450ml          |
| 15. SY9815 | Anti Seize Lube, 1lb / 0.45kg           | 30. SY9851 | Engine Degreaser, 15oz/450ml             |

## LUBRICANTS, ADHESIVES, SEALANTS



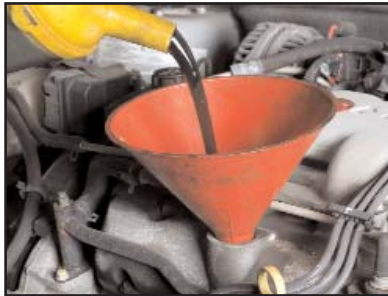
- |            |                                    |             |   |
|------------|------------------------------------|-------------|---|
| 1. SY34323 | Blue Bolt Locker, Med Duty - 50ml  | 8. SY34330  | Dynablue RTV Gasket Maker - 2.7oz         |
| 2. SY34324 | Retaining Compound - 10ml          | 9. SY34331  | Black RTV Adhesive - 3oz                  |
| 3. SY34325 | Super Glue - 3g                    | 10. SY34332 | Silicone Hi-Temp Red Gasket Maker - 2.7oz |
| 4. SY34326 | Red Bolt Locker, Heavy Duty - 10ml | 11. SY34333 | Quick Set Adhesive - 10ml                 |
| 5. SY34327 | Red RTV Sealant - 10.3oz           | 12. SY34334 | Gasket Remover - 16oz                     |
| 6. SY34328 | Belt Dressing - 12oz               | 13. SY34335 | Blue Bolt Locker, Med Duty - 10 ml        |
| 7. SY34329 | Anti-seize Lube - 1lb              |             |   |

## FLUIDS, GREASE, OIL



- |            |   |
|------------|---|
| 1. SY9853  | Heavy Duty Grease, 420ml/14oz, 10 per case  |
| 2. SY9854  | Heavy Duty Wheel Bearing Grease, Sold Individually, 1lb/.45kg container, 24 per case  |
| 3. SY9856  | Multi-Purpose Grease, used on bearings, gears and cams, high film strength, exceptional resistance to water and steam temperature range 10°F to 300°F |
| 4. SY9855  | Brake Fluid, 12oz (12 per case), conforms to no. 116, dot-3, surpasses SAE J1703 and federal specification W-B-680                                    |
| 5. SY87808 | WD40, 11oz  |
| 6. SY9843  | Synthetic Lube with Teflon, 11oz/330ml  |
| 7. SY9859  | Gear Oil, 80W90   |

## ANTIFREEZE, OIL, TRANSMISSION FLUIDS



1. SY9858 Gear Oil, 80W90
2. SY9860 Quart Motor Oil, 12 per case, 1008 per skid, American Petroleum Institute Certified
3. SY9862 SAE 10W30 Quart Motor Oil, 12 per case, 1008 per skid, American Petroleum Institute Certified
4. SY9864 Automatic Transmission Fluid, quart, meets requirements of GM Dexron®-III, Ford Mercon®, Caterpillar TO-2 and Allison C-4, 12 per case
5. SY9868 15W40, 12 per case, 1008 per skid, American Petroleum Institute Certified
6. SY9865 Automatic Transmission Fluid, 1 gallon, Meets requirements of GM Dexron®-III, Ford Mercon®, Caterpillar TO-2, and Allison C-4, 6 per case
7. SY9866 Hydraulic Fluid, AW 46, available in gallons only, sold by the case (6 per case)
8. SY9867 Universal Tractor Fluid, gallon, for machinery that use the same fluid for transmission, differential and hydraulic system, 6 per case
9. SY9869 Hydraulic Fluid, AW 68, available in gallons, sold by the case (6 per case)
10. SY9870 Antifreeze and Coolant, protection for all metals including aluminum, low silicate, anti-foam and anti-boil, sold in 1 gallon container
11. SY9878 Antifreeze and Coolant, protection for all metals including aluminum
12. SY34341 Hydraulic Fluid, AW32, 1 gallon container

## EAR PLUGS

### E-A-Rsoft™

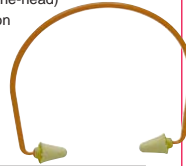
- Highest NRR available (NR33dB)
- Soft, smooth, self-adjusting foam provides low pressure comfort with excellent attenuation
- Breakaway cord protects wearer in case of machine entanglement



PART# .....SY9992

### E-A-Rflex™

- Highest level of protection available in a semi-insert hearing protector
- A comfortable, effective, light weight alternative to ear muff
- May be worn in any of three positions (over-the-head, under-the-chin, behind-the-head)
- Lightweight dielectric plastic construction



PART# .....SY9993

### EAR PLUGS WITH CORD

- Quantity of 100 per box



PART# .....SY74085

### EAR PLUGS WITHOUT CORD

- Quantity of 100 per box



PART# .....SY74086



Smooth, Soft & Comfortable...

## FIRST AID KIT

- Fanny pack first aid kit
- Polyester pouch and belt



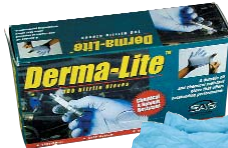
PART# .....SY74017

Adjustable to 44"

## PERSONAL PROTECTION

### DERMA-LITE™ NITRILE GLOVES

- Puncture resistant
- Chemical/solvent resistant
- Latex-free
- Micro-texture for a better grip
- 100 per box
- Excellent in a variety of industrial situations



PART#	DESCRIPTION
SY6607	Medium
SY6608	Large
SY6609	Extra Large

### ACID RESISTANT GLOVES

- 100% natural rubber latex
- 20 mil thickness
- Acid, puncture, and tear resistant



PART#	DESCRIPTION
SYPPGR129	12" (305mm) length in yellow
SYPPGR103	12" (305mm) length in orange



### DRIVESOFT GLOVES

PART#	DESCRIPTION
SY74032	Gloves, Drivesoft, LRG
SY74031	Gloves, Drivesoft, XLRG



### GRIPSAFE GLOVES

PART#	DESCRIPTION
SY74034	Gloves, Gripsafe, LRG
SY74033	Gloves, Gripsafe, XLRG



## PERSONAL PROTECTION

### DISPOSABLE ACID GAS RESPIRATORS

- Reuse until the permanently attached cartridges are completely exhausted
- Adjust easily and correctly to all head sizes
- Chin cup prevents slippage
- Cartridge position allows good forward and peripheral vision

PART#	DESCRIPTION
SYPPGR143	Small
SYPPGR112	Medium
SYPPGR189	Large



### ACID SLEEVES

- Sleeves offer splash protection to forearms
- Elastic at both cuff and biceps ensures a snug fit
- 15L (381mm)
- Color: Green

PART# .....SYPPGR1890



### ACID APRON

- Constructed to meet demands of industrial and commercial applications and to provide comfort to the wearer
- Apron is the ultimate in heavy-duty protection
- Fabric is acid, caustic, and puncture resistant
- Fabric meets federal standard for flame resistance
- Adjustable neck loop
- Ties attach to brass grommets for securing around the waist
- Size: 45" X 35" (1,143mm X 889mm)
- Color: Green

PART# .....SYPPGR1294



### RESPIRATOR MASKS

- Compact design
- Soft and flexible, allows for individual facial adjustment
- 50 count



PART# .....SY74020

### POLYETHYLENE HARD HAT

- 6 suspension points
- Ratchet systems offer simple, accurate adjustment to fit head sizes 6-1/2-8 with a turn of a knob
- ANSI Class E

PART# .....SY59291



## SAFETY GLASSES/FACE SHIELDS

### AEROSITE®

- Mocha frame
- Clear lens
- Molded-in side shield and brow guard
- Polycarbonate lenses give maximum impact and UV protection
- Exclusive Lock-A-Lens™ prevents lens "push-through"



PART# .....SY9960

### NASSAU®

- Blue frame
- Clear lens
- Adjustable temples
- High impact polycarbonate frame
- Anti-fog, scratch, UV, chemical and static coated lens



PART# .....SY9962

### X-SPORT™

- Silver frame
- Clear lens
- Adjustable nose bridge
- DX anti-fog hard coat
- Meets ANSI Z87.1 and CSA Z94.3



PART# .....SY9964

### SX™

- Black frame
- Gray lens
- Distortion-free optics
- Exceeds ANSI Z87.1 and CSA Z94.3
- DX anti-fog hard coat



PART# .....SY9969



## Provide SAFETY to VISTORS & EMPLOYEES

Choose from a variety of Types & Styles!

### TOUR-GUARD 111®

- Clear frame and lens
- Lanyard slots in temples
- Meets ANSI Z87.1-1989 standard
- Lightweight
- Rugged polycarbonate construction, excellent UV protection



PART# .....SY9961

### LEXA™

- Red, White and Blue frame
- Gray lens
- Adjustable lens angle and temples
- DX anti-fog hard coat
- Meets ANSI Z87.1 and CSA Z94.3



PART# .....SY9963

### KX™

- Black frame
- Gray lens
- Lightweight, contoured design
- Exceeds ANSI Z87.1 and CSA Z94.3
- Polycarbonate lens are anti-static and provide 99.9% UV protection



PART# .....SY9966

### QX™

- Black frame
- Clear lens
- Distortion-free optics
- DX anti-fog hard coat
- Exceeds ANSI Z87.1 and CSA Z94.3
- Polycarbonate lens are anti-static and provide 99.9% UV protection



PART# .....SY9996

## SAFETY GLASSES/FACE SHIELDS

### GOGGLES

- Chemical Resistant



PART# .....SY1006-005

### GOGGLE GEAR™

- Clear shroud with headstrap
- Clear lens
- Ultra lightweight - 1.8 oz.
- Meets ANSI Z87.1
- DX anti-fog hard coat

PART# .....SY9967



ANTI-FOG!

### FACE SHIELD, CHEMICAL RESISTANT



PART# .....SYPPGR1539

### FLAT FOLD FACESHIELD WITH HEADGEAR

- Folds flat and assembles quickly for easy storage and cleaning
- Protects against splash, spray and flying particles encountered in light work, chipping, grinding and sanding
- Size easily adjusts using pinlock system



PART# .....SYPPGR1799

### FULL FACE SHIELD, WITH DROP-DOWN RATCHET HEADGEAR

- Top and bottom molded plastic caps and light-weight, high-impact guards give extra protection on the job
- Free-floating ratchet headgear with full tension adjustment for a comfortable fit
- Anti-warp construction gives good internal clearance
- Includes 7" X 19" X .04" clear window (178mm X 483mm X 1mm)

PART# .....SYPPGR1538



Adjust for perfect fit!

## SPILL KITS

### OIL SPILL KIT

- 15 (oil only) absorbent pads
- 2 (oil only) 4' socks
- Containment bag with tie wrap instruction

PART# .....SY1006-002



Just for Oil Spills

Be prepared for a variety of accidental spills

### OIL-DRI® PREMIUM FLOOR ABSORBENT

- Quickly and easily soaks up messy spills
- Provides more absorption for the money
- Easy to use and transport
- Cleans up spills that can cause accidents
- 15% more absorbent per pound than clay alternatives

PART#.....SY19040-L84



25 LBS.



### OIL-DRI® 5 GALLON SPILL KITS

- Convenient, quick-response spill kit has all the tools you need for emergency cleanup! The self-contained kit includes universal pads and socks to absorb all types of fluids, including oil, grease, coolants and water.
- All items come packed in a compact reusable pail for convenient self contained storage.

PART# .....SY90435  
5 GALLON MRO SPILL KIT

- Includes:
- 2 general socks (4ft.)
  - 10 universal perforated pads
  - 1 disposable bag with tie
  - Convenient storage/disposal container



Reusable Pail!

PART# .....SY91435  
5 GALLON HAZMAT SPILL KIT

- Includes:
- 2 yellow hazmat socks (3' x 48")
  - 10 gray universal (HWV) bonded pads
  - 1 disposal bag with tie
  - Container/bucket

### UNIVERSAL PERFORATED PADS

- 30" x 150"



PART# .....SY90540

### OIL-DRI® UNIVERSAL SOCKS

- Sock skin filled with recycled cellulose
- 3' x 48"
- Box of 40



PART# .....SY90890

### OIL-DRI® UNIVERSAL BONDED PADS

Extra durable, strong bonded layers allow fluid to spread through the material quicker for your best absorption rate

- 16" x 20"
- 100 per box

PART# .....SY90902



## SPILL KITS

### QUICK RESPONSE ACID SPILL KIT

- Consistent and safe method of handling hazardous spills
- Contains, absorbs and neutralizes acid spills
- A convenient cost-effective method of complying with OSHA regulations 1910.178(G) Facilities must have means to neutralize spilled acid
- Fast, easy to use and landfill disposable

PART# . . . . .SY1006-001



Easy to Use!

#### All In A Convenient 5-Gallon Resealable Container

- 2 Gallons ACID EATER™ Neutralizer and Absorber
- 2 Pairs HazMat Boot Covers (not shown)
- 8 oz ACID EATER™ Neutralizer and Degreaser
- 1 Dust Pan and Whisk Broom
- 2 Pairs Chemical Resistant Goggles
- 20 Feet of Barrier Tape
- 2 Acid Resistant Aprons
- 2 Disposal Spill Bags with Ties
- 2 Pairs PVC Gloves
- Material Safety Data Sheet

PART#	DESCRIPTION	SIZE
SY1006-001A	AE Absorber & Neutralizer™	2 gallon pail
SY1006-003	Acid resistant PVC apron 1 apron	
SY1006-004	HazMat boot covers 1 pair	
SY1006-005	Chemical resistant goggles 1 pair	
SY1006-006	Acid resistant gloves 1 pair	
SY1006-007	AE Neutralizer & Degreaser™	8oz bottle
SY1003-003	AE Neutralizer & Degreaser™	16oz spray
SY1004-004	AE Neutralizer & Degreaser™	1 gallon bottle
SY1001-004	AE Absorber & Neutralizer™	5 gallon pail
SY1002-007	AE Absorber & Neutralizer™	55 gallon drum

### BATTERY ACID SPILL KIT

- For single battery use such as sweeper/scrubber, aerial playforms, and other industrial equipment
- Ideal for battery, battery storage areas, delivery and service vehicles
- Designed to absorb and neutralize up to 1 gallon/ 4 liters of battery acid

#### INCLUDES:

- 8 lbs acid absorber and neutralizer
- 1 pair nitrile acid-proof gloves
- 1 pair safety glasses
- 2 disposal bags
- 1 pair paddles
- Material safety data sheet and instructions



PART# . . . . .SY510192-001

### BATTERY MAINTENANCE KIT

PART# . . . . .SY510901



## FIRE EXTINGUISHER

- Ammonium phosphate
- Metal bracket and nozzle
- A, B and C
- UL rating 1a-10b:c
- Capacity 2-1/2lbs (1.125kg)
- Rechargeable
- 14-1/2" h x 6" w x 3" dia. (368mm x 152mm x 76mm)
- Must ship ground

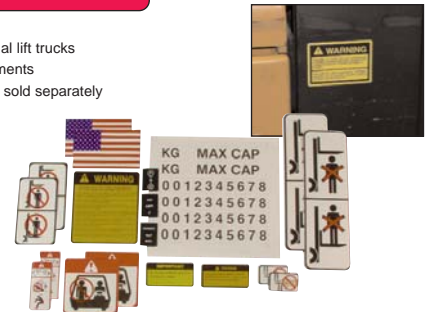
PART# . . . . .SY250RFC-MB



## WORLD DECAL KIT

- For use on all industrial lift trucks
- Meets OSHA requirements
- Individual decals also sold separately

PART# . . . . .SY1711



## WARNING TRIANGLES

- Kit of three triangles
- Requires no set-up tools
- No power source needed

PART# . . . . .SY59289





PAINT

- 12oz environmentally safe cans
- Professional gloss, enamel, flat or lead-free paint
- Exact OEM match
- All paint is ground shipped
- Gallons available in limited colors\*

Exact OEM Match



CROSS REFERENCE

OEM#	COLOR
<b>ALLIS CHALMERS</b>	
AC0935925	Cream
<b>CLARK</b>	
CL1800162	White
CL1800245	White
CL1800645	Equipment Grn
CL1801564	Yellow Green
CL1801572	White
CL1802004	Hot Yellow Green
CL1802011*	Matte Black
CL1802013	Matte Black
CL1802023	Gray Primer
CL1802466*	Yellow Green II
CL1802468	Hot Yellow Green
CL1802517	Safety Yellow II
CL1804099	Matte Black
CL1804101*	Matte Black
CL180564	Yellow Green
CL1806468	Hot Yellow Green
CL4330886	Hot Yellow Green
<b>CROWN</b>	
CR063011-003	Dark Gray
CR063011-004	Beige
CR063011-005	Yellow
CR063011-007	Dark Gray
CR063011-008	Gray
CR063011-009	Beige
CR063011-3	Dark Gray
CR063011-4	Beige
CR063011-5	Yellow
CR063011-6	Dark Gray
CR063011-7	Dark Gray
CR063011-8	Gray
CR063011-9	Beige
CR072974	Beige
CR63011-003	Dark Gray
CR63011-004	Beige
CR63011-005	Yellow
CR63011-006	Dark Gray
CR63011-007	Dark Gray
CR63011-008	Gray
CR63011-009	Beige
CR63011-03	Dark Gray
CR63011-04	Beige
CR63011-06	Dark Gray

OEM#	COLOR
<b>CROWN</b>	
CR63011-07	Dark Gray
CR63011-08	Gray
CR63011-3	Dark Gray
CR63011-4	Beige
CR63011-5	Yellow
CR63011-6	Dark Gray
CR63011-7	Dark Gray
CR63011-8	Gray
CR63011-9	Beige
CRBEIGE*	Crown Beige
<b>CATERPILLAR</b>	
CT1113940	Yellow
CT1143089	Medium Gray
CT4C4198	Low Gloss Black
CT4C4200	Yellow
CTAR11C106C	Yellow
CTMCF341167SP	Cocktail Beige
CTMCF341167SP	Cocktail Beige
CTMDI700288	Lime Green
CTMDI-700288	Lime Green
CTMDI700289	Dark Gray
CTMDI-700289	Dark Gray
CTMFA3414676SP	Mocha Sepia
CTMFA-3414676SP	Mocha Sepia
CTMFA3450675SP	Jewel Green
CTMFA-3450675SP	Jewel Green
CTPS000100*	Jewel Green
<b>DAEWOO</b>	
DWD139688	Yellow
<b>HYSTER</b>	
HY1344901	Low Gloss Black
HY1345809	Yellow
HY1345808*	Nugget yellow
HY1346271*	Power black
HY168810	Yellow
HY168811	Lead-Free Black
HY2038979*	Yellow
HY2038980*	Black
HY316844	Red
HY317225	Lead-Free Yellow
HY316845*	Red
HY317226*	Mustard
HY326393	Flat Black
HY328626	Hi-Temp Black

OEM#	COLOR
<b>HYSTER</b>	
KY336594*	Black
<b>KOMATSU</b>	
KO34A-97-31311	Yellow
KO3EB-97-31110	Yellow
KO3EB-97-31120	Blue / Purple
KO3EB-97-31130	Green / Blue
KO3EE-97-21110	Blue
KO3EE-97-21110L	Blue
KO3ZB-97-21110	Gray
<b>MINIBUS</b>	
MB1113940	Yellow
MB1143089	Medium Gray
MBMDI700288	Lime Green
MBMDI-700288	Lime Green
MBMDI700289	Dark Gray
MBMDI-700289	Dark Gray
MBMFA3450675SP	Jewel Green
MBMFA-3450675SP	Jewel Green
MBPS000100*	Jewel Green
<b>NISSAN</b>	
NI SPR OFF WHITE	Off White
NI SPR ORANGE	Orange
NI SPR WHITE	Off White
NIREN2004*	Burnt Orange
NIREN2004A	Orange
NIREN2004G*	Burnt Orange
NIREN2005A	Off White
NIREN2006A	Gray
NIREN2010A	White
NIREN2011*	New White
NIREN2011A	New White
NIREN2011G*	New White
NIREN2012A	Charcoal
NIREN2013A	Light Gray
NIREN2201A	New Gray
NISPRAY-96WHT	New White
NISPRAY-BGRAY	New Gray
NISPRAY-BLACK	Black
NISPRAY-GRAY0	Gray
NISPRAY-GRAY0	Gray
NISPRAY-M12WHT	White
NISPRAY-ORANGE	Orange
NISPRAY-WHITE	Off White

OEM#	COLOR
<b>RAYMOND</b>	
RA990-163-01*	Black
RA990-181	Orange
RA990-183-001*	Red orange
RA990-209	Orange
<b>TOTALSOURCE</b>	
SY23065	Yellow
SY23143	Yellow
SY23144	Lead-Free Black
SY23222	White
SY23275	Red
SY23276	Lead-Free Yellow
SY23285	Flat Black
SY23407	Orange
SY23408	Gold
SY23409	Parchment
SY23431	Satin Black
SY23432	Bright Parchment
SY23433	Bright Gold
SY24221*	Nugget yellow
SY27454*	Mustard yellow
SYBEIGE*	Beige
<b>TCM</b>	
TC100SP-BB300	Gold
TC100SP-BC300	Yellow
TC1D491	Gloss Black
TC5FW88	Gloss Black
<b>TOYOTA</b>	
TY NEW SPR ORANGE	Orange
TY SPR ORANGE	Orange
TY90900-U9003-71*	Gray
TY90900-U9004-71*	Orange
TY90900-U9020-71	Orange
TY90900-U9021-71	Blue
TY90900-U9022-71	Black
TY90900-U9023-71	Gray
TY90900-U9024-71	Orange
<b>YALE</b>	
YT030058101	Gold
YT310120336*	Bright gold
YT310120344	Satin Black
YT310120348	Bright
	Parchment
YT310120350	Bright Gold

\* Gallons available in limited colors

## FORKLIFT STANDS

### FORKLIFT STANDS

- 4 position height adjustment
- Sold in pairs
- Made in the U.S.A.

PART# . . . . .SY400



#### SPECIFICATIONS

Capacity	30,870lbs / 1 3.9mt (pair)
Pad dimensions	2-1/2" X 3-1/2" / 63mm X 89mm
Starting pad height	9-1/2" / 241mm
Raised pad height	16" / 406mm
Height increments	2" / 50mm
Weight (pair)	31lbs / 14kg
Base	8"sq / 203mm

#### REPLACEMENT PARTS

GR2-838-02003	Replacement pin
---------------	-----------------

### FORKLIFT JACK

- Meets CE requirements
- Made in the U.S.A.

PART# . . . . .SY15000



#### SPECIFICATIONS

Capacity	15,435lbs / 7 mt
Power	Two-Speed Hydraulic
Min. starting height	2-1/4" / 57mm
Max. lifting height	16" / 406mm
Forward reach	7" / 178mm
Width	9" / 228mm
Shipping weight	92lbs / 42kg

### JACK STANDS

- Sold in pairs only

PART# . . . . .SY400-E



#### SPECIFICATIONS

Eighteen ton capacity per pair	36,000lbs/16,330kgs.
Adjusting range	9-1/2"/242mm, 16"/407mm

### TRUCK JACK

- Meets CE requirements

PART# . . . . .SY8000-E



#### SPECIFICATIONS

Maximum lifting capacity	8800lbs/4000kgs
Maximum truck capacity	13,200lbs/6000kgs
Reach (raised position)	7"/178mm
Starting Pad height (notch)	2-1/2"/65mm
Raised height (maximum)	16"/406mm
Width	7-4/5"/200mm
Weight	77lbs/33kgs

### FORKLIFT JACK

- Air/Hydraulic design allows jack to rise quickly
- Hold-to-Run™ release knob provides a slower descent rate with precise operator control
- Two-position handle for easy portability
- Made in the U.S.A.
- Low clearance design slips under the lowest fork trucks
- Scissors action design adjusts to load plane as jack is raised and lowered

PART# . . . . .SY8000A



#### SPECIFICATIONS

Capacity	8,000lbs / 3.6mt (pair)
Starting height (Lift arm notch)	2-1/4" / 57mm
Starting height (Serrated lift pad)	2-1/2" / 64mm
Maximum lift height	16" / 406mm
Power	Air/Hydraulic
Air pressure required	110 PSI
Reach (Raised position)	7" / 178mm
Width	8" / 203mm
Shipping weight	71lbs / 32kg

### FORKLIFT JACK (NEW STYLE)

- Meets CE requirements
- 2 year limited warranty
- Made in the U.S.A.

PART# . . . . .SY8000



#### SPECIFICATIONS

Capacity	8,000lbs / 3.6mt
Start pad height (notch)	2-1/4" / 57mm
Start pad height (serrated pad)	2-1/2" / 63mm
Raised height (maximum)	16" / 406mm
Width	8" / 203mm
Weight	68lbs / 30.6kg
Reach (raised position)	7" / 117mm

(Distance from hydraulic cylinder to lift pad) Specifications subject to change without notice

### TRUCK JACK

- Meets CE requirements

PART# . . . . .SY15000-E

#### SPECIFICATIONS

Maximum lifting capacity	15,400lbs/7000kgs
Maximum truck capacity	23,200lbs/10500kgs
Reach (raised position)	7"/178mm
Starting Pad height (notch)	2-9/16"/65mm
Raised height (maximum)	16-1/3"/415mm
Width	10"/250mm
Weight	107.8lbs/49kgs



## HARDWARE KITS

- Popular universal sizes conveniently packaged under one part number
- Manufactured to SAE specifications



### WOODRUFF KEY KIT

- 65 Pieces
- 6 sizes



PART# .....SY9915

#### DESCRIPTION

(16)	1/8" X 1/2"
(15)	1/8" X 5/8"
(15)	3/32" X 5/8"
(10)	3/16" X 3/4"
(5)	1/4" X 7/8"
(4)	1/4" X 1"

### COTTER PIN KIT

- 55 Pieces
- 6 sizes



PART# .....SY9916

#### DESCRIPTION

(150)	1/16" X 1"
(150)	3/32" X 1"
(75)	1/8" X 1 1/2"
(100)	1/8" x 1-1/2"
(50)	5/32" x 1-1/2"
(30)	3/16" X 2"

### GREASE FITTING KIT

- 32 Pieces
- 6 sizes



PART# .....SY9919

#### DESCRIPTION

(6)	1/8" - NPT - straight
(6)	1/4" - 28 - straight
(4)	3/16" - drive - straight
(3)	1/8" - NPT - 45
(3)	1/8" - NPT - 90
(3)	1/4" - 28 - 45
(3)	1/4" - 28 - 90
(4)	5/16" - drive - straight

### SPRING LOCK PIN KIT

- 170 Pieces
- 6 sizes



PART# .....SY9917

#### DESCRIPTION

(50)	1/8" X 1"
(35)	3/16" X 1"
(30)	1/8" x 1-1/2"
(25)	3/16" x 1-1/2"
(15)	1/4" x 1-1/4"
(15)	1/4" x 1-1/2"

### INTERNAL RETAINING RING KIT

- 55 Pieces
- 8 sizes



PART# .....SY9920

#### DESCRIPTION

(10)	HO-25
(10)	HO-31
(10)	HO-37
(7)	HO-43
(7)	HO-50
(5)	HO-62
(3)	HO-75
(3)	HO-100

### EXTERNAL RETAINER KIT

- 46 pieces
- 10 sizes



PART# .....SY9921-200

#### DESCRIPTION

(5)	100
(5)	125
(5)	137
(5)	150
(5)	175
(5)	200
(5)	225
(5)	250
(3)	275
(3)	300

### INTERNAL RETAINER KIT

- 134 Pieces



PART# .....SY9920-200

#### DESCRIPTION

(10)	300-075
(10)	300-087
(10)	300-100
(10)	300-112
(10)	300-125
(10)	300-137

#### DESCRIPTION

(10)	300-150
(10)	300-162
(10)	300-175
(10)	300-200
(5)	300-225
(5)	300-250

#### DESCRIPTION

(5)	300-275
(5)	300-300
(5)	300-350
(5)	300-400
(2)	300-450
(2)	300-500

### EATON RETAINER KIT

- 216 pieces
- 18 pieces (9 internal/9 external)



PART# .....SY9921-300

#### DESCRIPTION

(12)	NAN/XAN-050
(12)	NAN/XAN-062
(12)	NAN/XAN-075
(12)	NAN/XAN-087
(12)	NAN/XAN-100
(12)	NAN/XAN-112

#### DESCRIPTION

(12)	NAN/XAN-125
(12)	NAN/XAN-137
(12)	NAN/XAN-150

### TRU-ARC RETAINER KIT

- 216 pieces
- 18 sizes



PART# .....SY9920-300

#### DESCRIPTION

(12)	310-050
(12)	310-062
(12)	310-075
(12)	310-087
(12)	310-100
(12)	310-112

#### DESCRIPTION

(12)	310-125
(12)	310-137
(12)	310-150
(12)	300-050
(12)	300-062
(12)	300-075

#### DESCRIPTION

(12)	300-087
(12)	300-100
(12)	300-112
(12)	300-125
(12)	300-137
(12)	300-150

### E-CLIP KIT

- 120 Pieces
- 8 sizes



PART# .....SY9922

#### DESCRIPTION

(30)	1/16"
(30)	1/8"
(15)	3/16"
(15)	1/4"
(10)	3/8"
(10)	1/2"
(5)	5/8"
(5)	3/4"

### SPIRAL RETAINER KIT

- 216 Pieces
- 18 sizes (9 internal/9 external)



PART# .....SY9921-400

#### DESCRIPTION

(12)	WHM/WSM-050
(12)	WHM/WSM-062
(12)	WHM/WSM-075
(12)	WHM/WSM-087
(12)	WHM/WSM-100
(12)	WHM/WSM-112

#### DESCRIPTION

(12)	WHM/WSM-125
(12)	WHM/WSM-137
(12)	WHM/WSM-150

## O-RINGS KITS

### 70 DUROMETER

- 36 sizes
- 436 pieces



PART# .....SY9970-100

### FACE SEAL KIT

- 8 sizes
- 155 pieces



PART# .....SY9970-200

### FLAT FACE

- 8 sizes
- 64 pieces



PART# .....SY9970-300

### SAE FLANGE SEAL

- 6 sizes
- 48 pieces



PART# .....SY9970-400

### BOSS AND TUBE SEALS

- 4 sizes
- 32 pieces



PART# .....SY9970-500

### BOSS AND TUBE SEALS

- 9 sizes
- 72 pieces



PART# .....SY9970-600

### FLANGE KIT

- 7 sizes
- 70 pieces



PART# .....SY9970-700

### MAX O-RING KIT

- 81 sizes
- 275 pieces



PART# .....SY9970-800

### 90 DUROMETER O-RING

- 12 sizes
- 220 pieces



PART# .....SY9970-900

### 90 DUROMETER O-RING

- 36 sizes
- 436 pieces



PART# .....SY9970-1000

### O-RING SPLICE KIT

- 4 sizes
- 35 pieces



PART# .....SY9970-1100

### BUNA-N BACK UP RING KIT

- 36 sizes
- 269 pieces



PART# .....SY9970-1200

### PTFE BACK UPRING KIT

- 36 sizes
- 269 pieces



PART# .....SY9970-1300

### 90 DUROMETER O-RING WAREHOUSE KIT

- 146 sizes
- 1140 pieces



PART# .....SY9970-1400

### METRIC O-RING KIT

- 36 sizes
- 380 pieces



PART# .....SY9971

### METRIC/INCH SPLICE KIT

- 14 sizes
- 98 pieces



PART# .....SY9971-200

## HOSE CLAMPS

- 1/2" (12.7mm) stainless steel band
- 5/16" (7.9mm) hex head carbon steel screw
- One piece stainless steel housing



PART#	MINIMUM TO MAXIMUM DIAMETER
SY4204	5/8" to 3/4" / 16mm to 19mm
SY4206	3/8" to 7/8" / 10mm to 22mm
SY4208	7/16" to 1" / 11mm to 25mm
SY4210	9/16" to 11/16" / 14mm to 18mm
SY4212	9/16" to 11/4" / 14mm to 32mm
SY4216	11/16" to 11/2" / 18mm to 38mm
SY4220	3/4" to 13/4" / 19mm to 45mm
SY4224	11/16" to 2" / 18mm to 51mm
SY4228	15/16" to 2-1/4" / 24mm to 57mm
SY4232	19/16" to 2-1/2" / 40mm to 64mm
SY4236	1-13/16" to 2-3/4" / 46mm to 70mm
SY4240	2-1/16" to 3" / 52mm to 76mm
SY4244	2-5/16" to 3-1/4" / 59mm to 83mm
SY4252	2-13/16" to 3-3/4" / 71mm to 95mm

## BUCKET

### 5 GALLON BUCKET

- Incompliant plastic shipping pail
- 14-1/8" Top OD
- 15-3/16" h



PART# .....SY74018

## EXHAUST CLAMPS

- Zinc finish
- 5/16" (7.9mm) U-bolt
- 13GA double edge saddle



PART#	SIZE	PART#	SIZE
SY4284	13/8"/35mm	SY4288	17/8"/48mm
SY4285	11/2"/38mm	SY4289	2"/51mm
SY4286	15/8"/41mm	SY4291	2-1/4"/57mm
SY4287	13/4"/45mm	SY4293	2-1/2"/64mm

## VICE - TABLE TOP



PART# .....SY59301

## STANLEY-STORAGE CABINETS

### VAN STORAGE

SMH-TotalSource® now offers quality Stanley-Storage cabinets. These cabinets literally double storage capacity compared to shelving, and cut retrieval time in half.

Designed with the modularity and flexibility of building blocks, these storage drawer cabinets grow one or more at a time as your needs expand. What's more, you can change them around into as many configurations as you'd like, as often as you'd like.

And they're guaranteed against failure. Period! Choose from one of our standard cabinet drawer configurations or call with your requirements for special designs to accommodate all your expanding and changing storage needs.



PART# .....SYT2000

## CHAIN WEAR GAUGE

For visual inspection of chain elongation



PART# .....SYCH1

## FORK CALIPER

An adjustable gauge which will clearly indicate when the fork does not comply with standards



PART# .....SY41800

## FUNNELS, SPOUTS, NOZZLES

• Small



PART# .....SYBZ05007

• Medium



PART# .....SYBZ05015

• Large



PART# .....SYBZ05064



• 3/4" metal screw on

• Super



PART# .....SYBZ05034

• Flex



PART# .....SYBZ11881

• 1-1/4" metal screw on



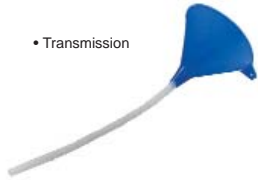
PART# .....SYBZ12020

• Specialty



PART# .....SYBZ05090

• Transmission



PART# .....SYBZ06064

PART# .....SYBZ12040

• Spill-proof



PART# .....SYBZ33700

• Push Pull



PART# .....SYBZ22300

• Swivel

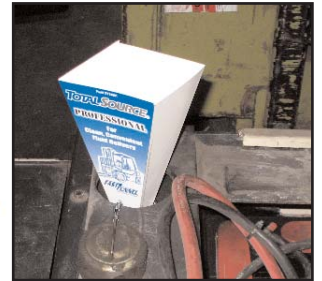


PART# .....SYBZ22400

• Fast Funnels



PART#	DESCRIPTION
SY74000	Standard
SY74001	Professional
SY74002	Extended



## OIL PANS

• 7-1/2 QT/7.125L round



PART# .....SYBZ05070

• 7-1/2 QT/7.125L triangle



PART# .....SYBZ05075

• 5GAL/19L yellow



PART# .....SYBZ11845

• 10 QT/9.5L



PART# .....SYBZ11837

• 15 QT/14.25L



PART# .....SYBZ11838

• 6 QT/5.7L



PART# .....SYBZ11896

• Capacity 15.85 QT/15L  
• Rounded edge and 3 handgrips  
• Inlet and outlet can be shut off



PART# .....SY105TA2777

• Capacity 52.85 QT/50L



PART# .....SY105TA2778

Oil Pan ON WHEELS!

## GAS CANS, CARRIERS

• Metal carrier



PART# .....SYBZ11412

• 1GAL/3.8L



PART# .....SYBZ21505

• 5GAL/19L metal



PART# .....SYBZ31710

• 5GAL/19L



PART# .....SYBZ31733

• 5GAL/19L DIESEL



PART# .....SYBZ31754

• 2GAL/7.6L



PART# .....SYBZ21510



## FUEL STATION

• 10.7GAL/40.7L



PART# .....SYBZ11050

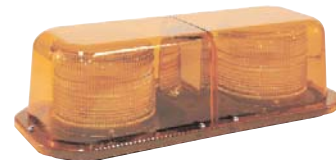
## MINI BAR LIGHTS

### STROBE MINI BAR

- Volts:12/24 VDC
- Size: 18" L x 7.75" W x 5.6" H
- Current draw: 4.6 AMP max @ 12.8 VDC/3 AMP @ 24 VDC
- Flash rate: 70 Quad FPM per strobe head
- Conforms to: SAE J1318



PART# .....SY9340-C-AA



PART# .....SY9340-A

### ROTATING MINI BAR

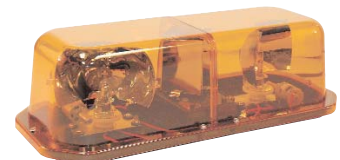
- Volts:12 VDC
- Size: 18" L x 7.75" W x 5.6" H
- Current draw: 9 AMP
- Flash rate: 90 FPM per rotating lamp module
- Conforms to: SAE J845



PART#	DESCRIPTION
SY9340-A	Amber lens, permanent amount
SY9340M-A	Amber lens, magnetic mount with plug
SY9340VM-A	Amber lens, vacuum magnetic mount with plug
SY9340-C-A	Clear lens with amber strobe heads, permanent mount
SY9340M-C-AA	Clear lens with amber strobe heads, magnetic mount and plug
SY9340VM-C-AA	Clear leans with amber strobe lens, vacuum magnetic mount and plug



PART# .....SY9360-C-AA



PART# .....SY9360-A

PART#	DESCRIPTION
SY9360-A	Amber lens, permanent amount
SY9360M-A	Amber lens, magnetic mount with plug
SY9360VM-A	Amber lens, vacuum magnetic mount with plug
SY9360-C-A	Clear lens with amber rotating lights, permanent mount
SY9360M-C-AA	Clear lens with amber rotating lights, magnetic mount and plug
SY9360VM-C-AA	Clear leans with amber rotating lights, vacuum magnetic mount and plug

## TENSIONING & CUTOFF TOOLS

- The MK9 has the same design features as the MK7 series tools. The MK9 accommodates a wider variety of sizes. Comes standard with non-slip grip handles.
- Patent Pending, Mil. Spec. MS90387-2

PART#.....SYMK9



- The MK9HT has the same design features as the MK9, and offers an increased tension range. Also comes standard with non-slip grip handles.
- Patent Pending

PART#.....SYMK9HT



- With the same design features as the MK7, this tool offers an increased tension range. Also comes standard with non-slip grip handles.
- U.S. Patent 4,997,011, DES. 306,390

PART#.....SYMK7HT



- TytonTwyster: Lightweight and economical twist tool.
- Offers speed and efficiency. Fits into a pocket.

PART#.....SYTWT1



## CUTTING & STRIPPING TOOLS

### P-STRIPPERS

P-strippers work well for voice & data cable, electrical wiring, hook-up wire, multi-conductor cables and coax. One-year warranty. Not for steel or armored wire and cable.



Both P-strippers feature:

- Precise, reliable action and durable steel craftsmanship.
- Strip standard insulations like PVC & rubber as well as hard insulations like Teflon® (AWG 30-24 only), Kapton™, THHN & THHW.
- Includes safety lock, nose clamp, steel screw cutter and wire loop.

PART#	DESCRIPTION
SY1103	P-stripper 20: The 1103 (red handles) cuts and strips AWG 30-20 round, insulated wire and cable.
SY1106	P-stripper 10: The 1106 (yellow handles) cuts and strips AWG 22-10 round, insulated wire and cable.

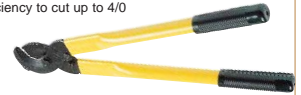
### HEAVY DUTY QUICKCUTTER 2



PART#	DESCRIPTION
SY4285-001	Heavy duty cutter, 22" long
SY4285-001M	Heavy duty cutter, bench mount

### CUTTER

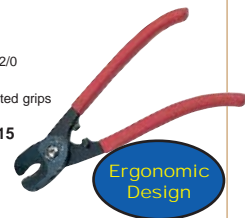
- 17" (432mm)
- Durable heavy duty construction
- Utilizes maximum leverage efficiency to cut up to 4/0



PART#.....SY1014

### CUTTER

- 9" (229mm)
- Cuts cable up to 2/0
- Fits any tool box
- Ergonomic insulated grips



PART#.....SY1015

Ergonomic Design

## CRIMPING TOOLS

### HEAVY DUTY CRIMPING TOOLS

The compression crimp gives equal pressure all around the terminal and produces a homogenous mass of copper on any lugs, connectors or battery terminals.

- Crimps battery terminals, splices and heavy-duty lugs from 8 gauge through 250mcm
- Features a compression triangular crimp
- Dieless, no rotating dies, two finger cable size adjustment
- Bench tool has angle iron mounting brackets, good visibility of crimp location and requires less force

PART#	DESCRIPTION
SY282	Crimping Tool
SY286	Bench Crimping Tool



### CRIMPER

- Clearly marked die setting instructions
- Recommended for use on battery connectors
- Eight position die setting
- Simple operation
- No disassembly required to change die setting
- Crimps from 6AWG to 4/0 cable

PART#.....SY283



8 die settings

### CUB™ CRIMPER

PART#.....SY4245-001  
**PART#.....SY4245-001K** . . . .Cub Repair Kit  
*includes:* (2) hex dies 8 thru 1/0 gauge, (2) pins with springs, (2) "L" brackets and (2) nuts.



### COMPOUND ACTION CRIMPER

- Compound action controlled tool
- Elliptical shaped nest for crimping insulated terminals
- Wire range 22 - 10AWG
- Weight - 12.4oz
- Length - 9-1/8"

PART#.....SY293





## CRIMPING TOOLS

### PROFESSIONAL CRIMPING TOOLS

- Compound action exerts maximum force for fast, reliable crimps every time. One screw adjustment provides for easy calibration to compensate for die wear. Diamond shape crimp compresses all strands together to form a solid mass of copper, assuring a low resistance connection.
- Controlled cycle (ratchet) mechanism is a quality control device – once a crimp is started, the tool will not open until the crimp is completed. Quick release lever allows tool to open any time.

PART#	DESCRIPTION
SY94284	Crimp tool for battery terminals, lugs, and connectors , 25" (635mm) 5.9lbs (2.7kg) Cable sizes 6 gauge thru 250 mcm
SY94284-BM	Bench mount version of 94284 crimping tool , 20" (508mm) 7.8lbs (3.5kg)
SY94285	Same as 94284, with controlled cycle , 25" (635mm) 6.2lbs (2.8kg) mechanism to assure full closure of tool
SY94286	Controlled cycle mechanism only (to retrofit 94284) , 2" (50.8mm) 6oz (168g)

### CRIMPING TOOL

- Adjustable rotating dies, always in tool
- 26" overall length
- Comfortable hand grips
- Application data
- Convenient release lever
- 8AWG to 4/0



PART#.....SY284

PART#	PART#	PART#	DESCRIPTION
HEX	DIAMOND	HEX JR.	
SY4252-001	SY4247-001		Hand-Held
SY4255-001R	SY4252-001R	SY4247-001R	Hand-Held with Ratchet
SY4255-001M	SY4252-001M		Bench-Mount
SY4255-001MR	SY4252-001MR		Bench-Mount with Ratchet

### POWER CRIMP

- Designed to provide additional mechanical advantage and minimize user fatigue where high crimp loads are essential
- All crimp cavities are fully machined and manufactured to industry specifications
- All tool components are manufactured from high carbon steel and heat treated for extended life
- Tool is supplied as standard in toggle action which assures a complete crimp
- A ratchet controlled full cycle tool is available
- Crimps conductor portion of insulated and non-insulated terminals
- Crimps 8AWG through 2AWG in four cavities
- Cavities are identified by wire sizes and product type



PART#.....SY291

### COMFORT CRIMP™

- Installs nylon and vinyl insulated terminals, disconnects, and splices from 22 to 10AWG
- For easy visual verification of crimps, integrity dots are embossed on the top and bottom of the terminal
- Color-coded die nests on both right and left sides of the tool are included for insulated terminals
- Patent-pending toggle action increase mechanical gain, which dramatically reduces handle force and the stress on your hands
- Shure-Stake® mechanism helps to ensure a complete crimp cycle before it releases the tool
- Advanced ergonomic design of handle distributes the force more evenly across the hand
- Rubberized thermoplastic handle combines maximum friction with a soft, comfortable feel that reduces muscle tension



PART#.....SY289

### CRIMPER

- Easily cuts, strips and crimps up to 10GA wire



PART#.....SY9968

### HYDRAULIC CRIMPER TOOLS

- Hand-held dieless crimping tool
- SY294 is a universal dieless, hand held hydraulic crimping tool, which crimps insulated and non insulated terminals in wire sizes 8AWG through 4/0.
- Handles are insulated to reduce shock hazard.



PART#.....SY294

### BATTERY CABLE CRIMPER

- This battery cable crimping tool crimps all types of battery cables. Crimps #8 - 4/0AWG lugs.
- Fits easily in your tool box making it a great field tool. Has indicator pin to indicate proper crimp depth.



PART#.....SY50105

### COMPACT CRIMPER

- Hammer type crimping tool
- V-shaped nest accommodates battery terminal sizes 6 through 4/0
- Length 3-3/4" (95mm)
- Weight 1.5lbs. (.7kg)



PART#.....SY94840

### SELECTAKRIMP

- Small, compact, easy-to-use
- Excellent performance for the lowest cost
- Crimps non-insulated wire 6 through 4/0 AWG
- For lower volume production and regular maintenance use



PART#.....SYSKT-840

## BATTERY TOOLS

### PLASTIC RESERVOIR

- Specific Gravity Reading from 1.10 to 1.30



PART#.....SYHYDROMETER

### COMMERICAL HYDROMETER



PART#.....SY120152-010

### POINTER HYDROMETER



PART#.....SY120151-010

### ANGLE NOSE PLIERS

- Engineered specifically for battery care and maintenance
- Forged steel construction
- Insulated handles



PART#.....SYLCS860

### TERMINAL SPREADER

- Engineered specifically for battery terminal spreading
- Forged steel construction
- Insulated handles



PART#.....SYL858C

### BATTERY FILLER - 2 QT. JUG



PART#.....SY120161-010

### BATTERY FILLER - BULB TYPE



PART#.....SY120162-010

### BATTERY POST TERMINAL BRUSH



PART#.....SY120121-010

### METAL BATTERY BRUSH

Cleans battery terminals and posts. Internal and external wire brushes are built into metal case.



PART#.....SYTLA337

### SCISSORS BATTERY CARRIER



PART#.....SY120153-010

### SIDE LIFT BATTERY CARRIER WITH PADS



PART#.....SY120154-010

### STRAP BATTERY CARRIER



PART#.....SY120155-010

### 4-WAY BATTERY TOOL

Handiest battery service tool available, this will remove corrosion from battery clamps and posts. One end is marked for positive posts, one end for negative posts, one for clamps, and brush on top for cleaning battery terminals. Four-way design fits hand perfectly.



PART#.....SYTL3120

### CLAMP CONNECTOR LIFTER



PART#.....SY120191-010

### BATTERY TERMINAL PULLER LIFTER

Heavy-duty tool is built for removing the most corroded clamps. Jaws are thick gauge steel with sharp ends and center screw handles high torque requirements. Strong enough to double as a small gear puller.



PART#.....SYTL3130

### SIDE TERMINAL BATTERY BRUSH

Easily cleans terminals on side terminal batteries. One side designed to clean recessed terminals, other side cleans cable bolts and connectors. Comfortable plastic handle has built-in hex hole.



PART#.....SYTLA338

### BATTERY POST DRILL BIT FOR LEADHEADS



PART#.....SY9942-000

### CONNECTOR TIP EXTRACTION TOOL



PART#.....SY1016

### 5/16 SIDE TERMINAL RATCHET WRENCH



PART#.....SY120195-010

### 10MM SIDE TERMINAL RATCHET WRENCH



PART#.....SYTL3149

FLASHLIGHTS

MAGLITE®

- High strength, corrosion resistant, thick walled aircraft aluminum construction
- Patented cam action design
- Krypton bulb 300% brighter than ordinary bulbs
- Sealed, self-cleaning push button switch
- O-ring sealed for maximum water resistance
- Spot to flood beam with simple twist of the head



C-CELL MAGNITE®				
ITEM#	PART#	BATTERY	LENGTH	REPLACEMENT BULB#
C	SY9908	4C	12-1/4"/311mm	SY9908-B
D	SY9909	3C	10-1/2"/267mm	SY9909-B
E	SY9910	2C	8-1/2"/216mm	SY9910-B

Batteries not included

D-CELL MAGNITE®				
ITEM#	PART#	BATTERY	LENGTH	REPLACEMENT BULB#
F	SY9905	2D	10"/254mm	SY9905-B
G	SY9904	3D	12-1/2"/318mm	SY9904-B
H	SY9903	4D	14-3/4"/375mm	SY9903-B
I	SY9902	5D	17"/432mm	SY9902-B
J	SY9901	6D	19-1/2"/495mm	SY9901-B

Batteries not included

MINI MAGLITE®

- Same rugged construction as larger MagLite®
- Weighs less than 4 oz.
- Hand sized flashlight with polycarbonate lens, shatterproof reflectors, hi-intensity bulbs and spare bulb in tail cap
- Batteries included
- Replacement Bulb, Part# SY9900-B



PART#	BATTERY	DESCRIPTION
SY9900	AA (2)	Blue mini MagLite® (with TotalSource® Logo)
SY9925	AA (2)	Black mini MagLite® in presentation box

MAGLITE® (5 cell battery stick) RECHARGEABLE SYSTEM

- Includes: flashlight, 360° charging ring, battery pack, mounting brackets, 12V cigarette lighter adapter and 110VAC converter
- Battery pack rechargeable up to 1000 times
- Solid-state electronics throughout
- Adapters for home and car
- 12-1/2"L

PART# .....SY9913



PART#	DESCRIPTION
SY9927	Battery pack
SY9913-1	Charging unit
SY9913-5	Charger base bracket
SY9913-B	Replacement bulb



FUSE KIT

- 120 pieces
- Blade style
- 20 pcs. each 5 thru 30 amp



PART# .....SY59277

GLASS FUSE KIT

GLASS FUSE KIT AGC

- 120 pieces



PART# .....SYBU-GSK-260



## TROUBLE LIGHTS

- 13AMP/125V
- 16GA, 3 conductor, UL listed
- Meets OSHA requirements for general use
- Stays flexible to -58°F, with stands heat to +221°F
- Features a metal guard, switch and side outlet

PART#	DESCRIPTION
SY74013	25' cord
SY74014	50' cord



PART#.....SY74014



PART#.....SY74013



## EXTENSION CORDS

- 13AMP/125V
- 16GA, 3 conductor, UL listed
- Meets OSHA requirements for indoor and outdoor use
- Stays flexible down to -58°F and up to +221°F



PART#	DESCRIPTION
SY9953	25' (7.6m) extension cord
SY9954	50' (15.2m) extension cord

## WHEEL CHOCKS



PART#.....SYBZ11931



PART#.....SYBZ11933

## MECHANIC'S MAT



PART#.....SY74019



## C-FRAME CREEPER SEAT

- Heavy duty tubular steel frame
- Fully padded seat cushion
- 2-1/2" swivel casters, allows 360° movement
- 11-1/2" x 12-1/2" tool tray

PART#.....SY59275



## VICE - HANDHELD



PART#.....SY74016

## PORTABLE GASOLINE FUELED GENERATOR

- Overhead valve
- Pull start
- 4500 watts

PART#.....SY74021



## DYE-LITE® ALL-IN-ONE™ DYE

Dye-Lite tracer enable you to pinpoint all fluid leaks (except brake fluid) without steam cleaning engines or transmissions. Faster leak detection cuts your labor costs and means more repairs, greater customer satisfaction and higher profits for you!

Since Dye-Lite tracer dyes are compatible with the host fluids, no fluid changes are necessary. This makes preventative maintenance easy. After the leaks are fixed, use GLO-AWAY cleaner to remove traces of dye from repaired leak sites, so you can verify your repairs.

Because the dye remains safely in the system, repairs can be confidence-checked with the UV lamp to prevent no-charge re-works and any future leaks will be found instantly.



PART#.....SYTP3400

FOR THIS OIL OR OIL BASED SYSTEM	USE THIS AMOUNT OF DYE-LITE® ALL-IN-ONE DYE	FLUORESCENT COLOR
Engine oil-gasoline	1/2 oz. (15ml) per 4-6 qt. (3.8-5.7L)	Yellow
Engine oil-diesel	1/2 oz. (15ml) per 4 (3.8L)	Yellow
Fuel-gasoline and diesel	1 oz. (30ml) per 12-18 gal (45.4-68.1L)	Yellow
Automatic transmission fluid	1 oz. (30ml) per 12 qt. (11.4L)	Yellow
Power steering systems		
• hydraulics (petroleum-based)	1 oz.(30ml) per 4 qt. (3.8L)	Yellow
• light to medium-colored	1 oz.(30ml) per 6 gal (22.L)	Yellow
• very dark or intensely blue	1 oz.(30ml) per 4-6 qt. (3.5-5.7L)	Yellow

## LEAK DETECTION AC-POWERED LAMPS

- 115vac
- Impact-resistant and dent-proof polymer housings
- Self-ballasted bulbs eliminate need for heavy external transformers
- No tools necessary for bulb replacement
- Free safety glasses with every lamp



PART#.....SYTP1600P



PART#.....SYTP1200P

SPECIFICATIONS	SYTP1200P	SYTP1600P
UV intensity	High	Super High
Voltage	115VAC	115VAC
Bulb Rating	120WATTS	150WATTS
Filter Protector/Stand	Yes	Yes
Operation	5 minute warm up time	5 minute warm up time
Lamp Head Diameter	6-1/4" (159mm)	6-3/4" (171mm)
5 Length of housing	x10" (254mm) L	x10-1/4" (260mm) L
Weight	2-1/4 (1.02kg)	3-1/4 (1.47kg)
Ford Length	20" (6.09m)	8" (2.43m) 20" (6.09.) optional

## LEAK DETECTION BATTERY-POWERED LAMPS

- 12VDC
- Cords complete with alligator clips
- No tools necessary for bulb replacement
- Free safety glasses with every lamp

SPECIFICATIONS	SYTP1200P	SYTP1600P
UV intensity	High	High
Voltage	12VDC	12VDC
Bulb Rating	100WATTS	50WATTS
Filter Protector/Stand	Yes	No
Operation	Instant on	Instant on
Lamp Head Diameter	3-5/8" (92mm)	1-5/8" (41mm)
5 Length of Housing	x9" (229mm) L	x6-3/8" (162mm) L
Weight	10-1/2 (297.6g)	Less than 4 (4.26m)



PART#.....SY8000



PART#.....SY8200

## STRESS CRACK DETECTION KIT

- 3 part, non-destructive test accurately shows cracks in the bend and weld areas of forks.
- Kit Includes: (1) can of cleaner/remover, (1) can of penetrant, (1) can of developer and instructions
- Ships ground only

PART#.....SY41950



## QUICKHEAT GUNS

### QUICKHEAT 1

- Dual Heat 250/1100°F
- 120V - 1200 WATT



PART# .....SY4271-001

- Replacement deflector for SY4271-001

PART# .....SY4277-001

### QUICKHEAT 2

- Dual Heat 500/750°F
- 115V - 1400 WATT



PART# .....SY4272-001

- Replacement deflector for SY4271-001 and SY4272-001

PART# .....SY4278-001

## HEAVY DUTY SOLDERING GUN

- Instant heat
- Built-in spotlight
- Extra heat & soldering wire



PART# .....SY59276

## HEAVY DUTY RIVETER SET

- 67 pieces
- 4 nozzles ( 3/32", 1/8", 5/32", 3/16")
- 60 blinds rivets - 15 each of 4 sizes and nozzle wrench



PART# .....SY59274

## ELECTRICAL/DUCT TAPE

### VINYL ELECTRICAL TAPE

- Suitable for use at not more than 600V and not more than 80°C (176°F)
- Flame retardant
- 3/4" X 60'/19.1mm X 18.3m

PART# .....SY9999



### 3M SCOTCH™ SUPER 88T VINYL ELECTRICAL TAPE

- 8.5 mil heavy duty premium grade all-weather vinyl electrical insulating tape. Maintains conformability for cold weather applications, with better mechanical/abrasion resistance and quicker build-up.
- 3/4" 60' x .0085"/19mm x 18m x .021mm

PART# .....SY88



### 3M SCOTCH™ SUPER 33+ VINYL ELECTRICAL TAPE

- Premium grade all-weather vinyl electrical insulating tape, conformable for cold weather application to 0°F (-18°C) and is designed to perform in a continuous temperature environment up to 220°F (105°C). An aggressive adhesive and elastic backing easily conforms to irregular surfaces for moisture tight electrical and mechanical protection, and provides flexibility and easy handling for all around performance.
- 3/4" X 66' (22yds.) x .007/19.1mm X 20.1m x .177mm

PART# .....SY33



### DUCT TAPE

PART# .....SY74022



### 3M TEMFLEX™ #1700 VINYL ELECTRICAL TAPE

- Flame retardant and weather-resistant
- Suitable for use at not more than 600V and not more than 80°C (176°F)
- 3/4" 60' x .0085"/19mm x 18m x .021mm

PART# .....SY1700



UL Listed 539H  
SF LR48769 0° to 80°

### 3M SCOTCH™ 35 COLOR CODING

- Color Coding Tape is a premium grade electrical tape that stretches to conform to virtually any shape that requires color coded insulation. Abrasion and weather-resistant, with excellent mechanical and electrical insulation properties that wrap smoothly and hold tight over a wide range of temperatures.
- 3/4" x 66' (22yds) x .007/19mm x 20.1m x .177mm

PART#	COLOR	PART#	COLOR
SY35BLU	BLUE	SY35BRN	BROWN
SY35GRY	GRAY	SY35ORG	ORANGE
SY35RED	RED	SY35WHT	WHITE
SY35GRN	GREEN	SY35PUR	PURPLE
SY35YEL	YELLOW		



UL CE  
SF

### 3M TEMFLEX™ #2150 RUBBER SPLICING TAPE

- Suitable for use at not more than 600V and not more than 80°C (176°F)
- 3/4" X 22'/19mm x 16.7m

PART# .....SY2150

UL Listed 539H



### 3M SCOTCH™ ELECTRICAL MOISTURE SEALANT PATCHES

- Electrical Moisture Sealant pads are self-fusing, rubber-based insulating mastic compounds laminated to a flexible all-weather grade PVC backing and are designed for moisture sealing of electrical connections up to 600 volts
- 25 patches per box
- 2-1/2" x 2-1/2" x .045"/63mm x 63mm x 1.14mm

PART# .....SY6149



## OIL FILTER WRENCHES

### OFFSET PLIER TYPE OIL FILTER WRENCH

Forged pliers wrench offers offset design to allow greater access in tight areas.  
Range: 2-1/2" - 4-5/8" (64mm-117mm)



PART# .....SYTL2537

### CHAIN-TYPE OIL FILTER WRENCH

Chain allows for diameter adjustment and better gripping. Features vinyl handle.  
Range: 2-3/4" - 4-1/2" (70mm-115mm)



PART# .....SYTL2594

### HEAVY DUTY SPIDER-TYPE OIL FILTER WRENCH

Three clamping legs are driven by gear mechanism for maximum range and superior gripping. Use with 3/8" drive tools.  
Range: 2-3/8" - 4-3/4" (61mm-121mm)



PART# .....SYTL2505

### CAM-ACTION OIL FILTER WRENCHES

Two thick jaws slide together using a cam mechanism to grab filters.  
Use with 3/8" square drive tools or 7/8" hex socket.



PART#	DESCRIPTION
SYTL2550	2-3/4" - 3" (70mm-76mm) Compact Filters
SYTL2555	3-3/8" - 3-7/8" (86mm-98mm) Standard Filters

• 2-7/8" - 3-1/4"



PART# .....SY74010



• 3-1/2" - 3-7/8"



PART# .....SY74011

• 2-3/8" - 2-5/8"



PART# .....SY74009

• 4-1/8" - 4-1/2"



PART# .....SY74012

## LUBRICATION TOOLS

### OIL EXTRACTOR & FLUID EVACUATOR

Extract or transfer Motor Oil, ATF, Gear Lube, Gasoline, Coolant or Water neatly, powerfully and fast. Great for cars, boats, trucks, farm equipment or household plumbing. Ideal for moving fluids from inaccessible or confined areas. Features low-profile spherical design, 6-liter (6.3 quart) capacity, handy pouring spout and 3.3mm (7") long hose to fit down dipstick tubes. Transfers 4 liters of water per minute.



PART# .....SYTL7450

### DRAIN PLUG WRENCHES

Designed for the Automotive Lubrication Industry, these wrenches will service the most common hexagon drain plug sizes. Features ergonomic design with anti-slip rubber grip, 6 point wrench end plus open end. Made from chrome vanadium steel.



PART#	DESCRIPTION	PART#	DESCRIPTION
SYTL2576	Drain Plug Wrench-13mm	SYTL2583	Drain Plug Wrench-3/4"
SYTL2578	Drain Plug Wrench-19mm	SYTL2584	Drain Plug Wrench-14mm
SYTL2579	Drain Plug Wrench-22mm	SYTL2585	Drain Plug Wrench-15mm
SYTL2581	Drain Plug Wrench-9/16"	SYTL2586	Drain Plug Wrench-16mm
SYTL2582	Drain Plug Wrench-5/8"	SYTL2589	Drain Plug Wrench-17mm

## LUBRICATION TOOLS

### PISTOL-TYPE OILERS

A full range of professional oilers for all liquid dispensing applications. Body and pump are all steel construction for extra strength and superior performance. Available with either flexible or rigid spout.



PART#	DESCRIPTION
SYTLA792	Pistol Oiler - 6OZ - Flex Spout
SYTLA793	Pistol Oiler - 8OZ - Flex Spout
SYTLA794	Pistol Oiler - 12OZ - Flex Spout
SYTLA795	Pistol Oiler - 16OZ - Flex Spout
SYTLA797	Pistol Oiler - 24OZ - Flex Spout
SYTLA792R	Pistol Oiler - 6OZ - Rigid Spout
SYTLA793R	Pistol Oiler - 8OZ - Rigid Spout
SYTLA794R	Pistol Oiler - 12OZ - Rigid Spout
SYTLA795R	Pistol Oiler - 16OZ - Rigid Spout
SYTLA797R	Pistol Oiler - 24OZ - Rigid Spout

### HEAVY DUTY GREASE FITTING AND JOINT UNCLOGGER

Opens stuck grease fittings and grease joints with powerful hydraulic impact. Softens dried-out grease inside joints and allows you to grease neglected steering, suspension and driveline joints. A must for Automotive, Marine, Lawn Maintenance, Farm and Heavy Equipment. Includes auxiliary flex hose for hard-to-reach applications.



PART# .....SYTL2900

### STANDARD LEVER-TYPE GREASE GUN

Designed for use in general lubrication and daily maintenance work. Features sheet metal head, single vent hole with block nut and powder coated finish. Includes 6" (150mm) steel extension and 4-jaw coupler with ball check. Capacity: 14oz (400gm) grease cartridge or 500cm cube bulk fill. 1/8" NPT threads. 6,000 PSI



PART# .....SYTL7700

### HEAVY DUTY-TYPE GREASE GUN

Top-of-the-line Grease Gun is designed for heavy industrial applications and heavy work loads. Features heavy-duty aluminum die cast head with bulk loader and air bleeder valve, zinc plated lever handle with ergonomic rubber grip, plus non-slip powder coated finish. Includes 6" (150mm) steel extension and 4-jaw coupler with ball check. Capacity: 14oz (400gm) grease cartridge or 500cm cube bulk fill. 1/8" NPT threads. 10,000 PSI



PART# .....SYTL7705

### HEAVY DUTY PISTOL-TYPE GREASE GUN

Comfortable one-hand operated Grease Gun designed for use in confined spaces or where access to grease nipples is restricted. Features aluminum die cast head with bulk loader and air bleeder valve, plated handle, plus non-slip powder coated finish. Includes 4" (100mm) steel extension and 4-jaw coupler with ball check. Capacity: 14oz (400gm) grease cartridge or 500cm cube bulk fill. 1/8" NPT threads. 5,000 PSI



PART# .....SYTL7710

### MIDGET PISTOL-TYPE GREASE GUN

Popular, compact gun is perfect for hard-to-reach jobs. Features machined aluminum die cast head, plated handle and non-slip powder coated finish. Includes 4" (100mm) steel extension and 4-jaw coupler with ball check. Handles 3oz cartridges. 1/8" NPT threads. 3,000 PSI



PART# .....SYTL7720

### GREASE GUN

\*14oz/420ml



PART# .....SY9857

### GREASE GUN HOSE - 12"

Flexible hose allows access to hard to reach fittings. Highly flexible with thermoplastic construction and zinc plated steel end connections with hydraulic crimping. Working pressure: 3,500 PSI. Burst pressure: 11,600 PSI. 1/8" NPT threads.



PART# .....SYTL7750

### GREASE GUN HOSE - 18"

Extra long, this flexible hose will allow access to awkward and hard to reach fittings. Working Pressure: 3,500 PSI / 240 BAR. Burst Pressure: 11,600 PSI / 800 BAR.



PART# .....SYTL7755

### GREASE GUN COUPLER

Standard design coupler is heat treated with 4 fully hardened spring steel jaws and spring loaded ball check to retain pressure. 1/8" NPT threads. Working pressure: 3,000 PSI. / 207 BAR.



PART# .....SYTL7760

### RIGHT ANGLE GREASE GUN COUPLER

Designed for right angle discharge to service fittings with limited access or with low profile application. Milled slot in the body allows for easy tightening. Use with straight extensions or flexible hoses. 1/8" NPT threads. Working pressure: 3,000 PSI / 207 BAR.



PART# .....SYTL7762



## LUBRICATION TOOLS

### 360° SWIVEL COUPLER

Ideal for effective lubrication of hard to reach grease fittings with full 360° action and ability to lock at 45° at any position. Heavy-duty design features hardened jaws, hardened coupler body, spring loaded ball check and zinc plated finish. 1/8" NPT threads. Working pressure: 7,000 PSI / 483 BAR.



PART# .....SYTL7765

### UNIVERSAL BEARING PACKER

Fits all automotive wheel bearings. Forces out old grease and evenly injects fresh grease. Works with standard grease guns. Includes two plastic cones and extension screw with grease fitting.



PART# .....SYTLA299

### BEARING RACE & SEAL DRIVER SET

Allows fast and easy installation of bearing races and seals. Includes 9 precision-machined aluminum drivers plus installing tool. Packed in blow mold case. Driver sizes: 1.565", 1.750", 1.965", 2.325", 2.470", 2.555", 2.830", 2.995", 3.185"



PART# .....SYTL2950

### INJECTOR NEEDLE

Lubricates in very tight spaces such as universal joints and sealed bearings. Equipped with standard grease fittings without ball check. Includes protective plastic holder. Needle thickness: 18 gauge.



PART# .....SYTL7770

### LOW-PROFILE SEAL PULLER

Low profile blade allows you to work in tight access areas, including seals on import vehicles. Blade is alloy steel and heat-treated for strength. Large handle for strength and leverage. OAL: 9" (23cm)



PART# .....SYTL2244

### NEEDLE NOSE DISPENSER

Use for dispensing a fine line of grease. Needle design allows contact with flush-on and other hard to reach grease fittings. Can be attached directly to steel extensions or flexible hoses. 1/8" NPT thread.



PART# .....SYTL7775

### SEAL PULLER

Removes oil and grease seals on cars and trucks. Two-sided hardened head is assembled to heavy-duty 1/2" bar stock shaft. Large handle for extra leverage, head is replaceable. OAL: 12" (30cm)



PART# .....SYTL2245

### 33PC. PROFESSIONAL LUBE SERVICE KIT

The most critical tools needed for complete lube service. All tools designed and manufactured for the professional. Includes both standard and metric tools packed in a convenient case.

- 13 cap wrenches
- 2 cap sockets
- 1 band wrench
- 1 spider wrench
- 1 pliers wrench
- 6 lube wrenches
- 7 drain plug wrenches



PART# .....SYTL025100

## EXTERNAL ENGINE - COOLING, BELTS, HOSES, ADAPTERS

### HEAVY-DUTY ANTI-FREEZE & COOLANT TESTER

Tests all ethylene glycol solutions with radiator hot or cold. Features easy-to-read dual scale for testing freezing point or boiling point of coolant, large rubber bulb and rubber extension hose.



PART# .....SYTLA195

### RADIATOR FLUSH KIT

• Backflushes cooling systems to clear clogged radiators and passages to help insure against engine-destroying overheating.

• Includes three "T" adapters, and 2 hose clamps, to fit most cars and trucks.

• Installs in minutes.

PART# .....SYTLA190







### RADIATOR PRESSURE TESTER

Pump and gauge assembly only from kit #7050

PART# .....SYTL7060



### ADAPTERS

				
Part# ...SY7092	Part# ...SY7113	Part# ...SY7112	Part# ...SY7100	Part# ...SY7109

PART#	DESCRIPTION
SY7100	Cooling system adapter, works with SY7109 cap adapter
SY7091	Cooling system adapter, works with SY7113 cap adapter
SY7092	Cooling system adapter, works with SY7112 cap adapter

## DIAGNOSTIC TOOLS

### Specific for the IMPCO Tier II Spectrum Systems

Kit includes all necessary fittings, fitting caps, gauges, hoses and diagnostic cables needed to connect laptop to the lift truck

KIT DOES NOT COME WITH COMPUTER SOFTWARE

Training for Impco Tier II Spectrum Fuel System is available through SMHU.

Spectrum training is a 2-day seminar designed to give you in depth knowledge of the spectrum engine. With hands on training, mechanics will learn spectrum system components and functions and how to operate the diagnostics kit.

Attendees will be shown the diagnostics and display screens and plug into a live running spectrum engine as part of a hands-on session. Live display screens will be used to activate and clear fault codes.

In addition, explanations of the new legislation and regulations governing the engine emissions as adopted by the Environmental Protection Agency (EPA) and the California Air Resources Board (CARB).

The diagnostics kit will be offered to those who attend the class at a discounted price.

PART# .....IMPITK-2



### UNIVERSAL COMPRESSION TESTER

Complete set will cover virtually every compression test from lawn mowers to trucks. Includes 8" (20cm) flex hose with 14mm and 18mm threaded end, three long adapters (10mm, 12mm and 14mm), one straight extension, plus offset and straight adapters with tapered rubber cones, and standard gauge head with quick release valve and threaded end. Gauge head is 2-1/2" (64mm) diameter with dual calibration (0-300 PSI / 0-21 kg/cm<sup>2</sup>). Packed in blow mold case.



PART# .....SYTL2012

### QUADRAGAUGE

- Compatible with most hydraulic fluids
- Includes bleeder screw and convient hanger
- Built-in pressure sensor protects low range gauges from high pressure
- Reads pressure in hydraulic, air and vacuum systems. Reads both U.S. standard and metric
- Continuous system pressure readings are possible through



- Standard and glycerin gauges
- Performs four gauges
- Read in LBS/IN<sup>2</sup> (psig) and kg/cm<sup>2</sup> (bar)
- Case in dust and moisture resistant
- Compact for tool box storage



### GENERAL PURPOSE DIGITAL PRESSURE GAUGE

- Versatile and economical
- 0-10,000 PSI
- 9 engineering units of measure
- Easy-to-read 5 digit display
- 1/2" character size
- Back lighting for easy viewing in low light
- Minimum and maximum pressure indication



PART# ...MP12-740



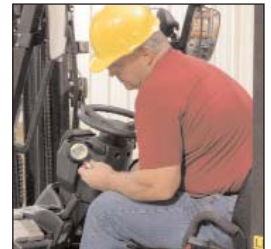
PART# ...MP42-610-018



PART# ...MP42-590-003



PART# ...MP42-590-002



PART#	DESCRIPTION
SY41024	Standard gauge, 6-7/16" DIA., 5000PSI maximum pressures
SY87810	Glycerin filled gauges, 6-7/16" DIA., 6000PSI, maximum pressures

PART#	DESCRIPTION
MP42-610-018	Gauge
MP42-610-019	Gauge w/certificate of calibration
MP12-740-013	Gauge and 12" hose
MP12-740-014	Gauge and 36" hose
MP12-740-015	Gauge, 12" hose, 14 piece fitting kit and padded storage case
MP12-740-016	Gauge, 36" hose, 14 piece fitting kit and padded storage case
MP42-590-002	12" hose
MP42-590-003	36" hose
MP12-700-002	Fitting kit

## IGNITION / TUNE UP - ELECTRICAL TOOLS

### SPARK PLUG SOCKET

Three popular sizes to remove and install spark plugs. Each features 3/8" square drive and hex drive ends, nickel-chrome plated alloy steel and rubber inserts to protect plugs. OAL: 2-1/2" (64mm).



PART#	DESCRIPTION
SYTL2369	Spark Plug Socket - 9/16"
SYTL2371	Spark Plug Socket - 5/8"
SYTL2373	Spark Plug Socket - 13/16"

### SPARK PLUG TERMINAL PLIERS

Removes spark plug wires safely with insulated handles and jaws. Small indentations in the jaws allow gripping even a bare terminal with engine running. OAL: 8" (20cm)



PART# .....SYTL3052



### MULTIMETER-ANALOG

Compact, rugged unit is ideal for basic troubleshooting of cars, appliances, home wiring and hobby electronics. Includes 30" (76cm) leads, mirror scale and one AA Battery.



PART# .....SYTLA300

### MULTIMETER-DIGITAL

Heavy-duty unit will handle a wide range of applications with great accuracy. Includes 28" (71cm) leads, K-type Thermocouple, one 9V battery and instructions.



PART# .....SYTLA303

### ENGINE ANALYZER - DIGITAL

Professional tester for basic Automotive Diagnostic and Electrical Testing. Includes 30" (76cm) leads, one 9V battery and instructions.



PART# .....SYTLA305

### VOLTAGE TESTER

Checks voltage on any electrical component or connection, including total battery voltage in DC systems up to 16 volts. Features large case with easy-to-read scale, 36" (91cm) leads and heavy-duty clamp and probe.



PART# .....SYTL3006

### HEAVY-DUTY LOW VOLT CIRCUIT TESTER

Durable electrical tester. Features heavy duty ground clip and insulator, 5' (1.5m) of tough flexible rubber wire with spring supported strain relief and extra thick Lexan body.



PART# .....SYTL3023

### HIGH & LOW VOLTAGE CIRCUIT TESTER

Tests high voltage in spark plugs, plug wires and distributor caps. Test 6 & 12 volt systems for shorts, grounds and open circuits with power on. Bulbs are replaceable. Features 42" (107cm) long wire with hooded alligator clip, impact resistant body and sharp probe.



PART# .....SYTL3022

### CONTINUITY TESTER

Battery powered tester used to test all circuits with POWER OFF. Ideal for testing fuses, grounds, shorts, contacts, diodes and all circuit components. Uses one AA battery (not included). Features 42" (107cm) long wire with hooded alligator clip, impact resistant body and sharp probe.



PART# .....SYTL3026

### HEAVY-DUTY COMPUTER SAFE AUTO LOGIC PROBE

High impedance tester protects computer circuitry, drawing less than 7 milliamps. Dual color LED indicates red for power (high) and green for ground (low). Services 6, 12 and 24 volt systems. Features insulated probe 6' (1.8m) long heavy duty, 18 gauge dual leads with battery clips, high-impact plastic body and spring-strain relief.



PART# .....SYTL3031

### SPARK PLUG WIRE TESTER

Tests for the presence of spark without risk of shock and without damaging wires. Identifies badly fouled spark plugs. Includes 48" (122cm) lead, hooded alligator clip and inductive tester with LED.



PART# .....SYTL3018

### REMOTE CONTROL STARTER SWITCH

Controls any engine with solenoid starter switch when making adjustments and repairs. Features large ergonomic switch case and over 3' (91cm) of leads, with hooded clamps.



PART# .....SYTL3012

## BRAKE / WHEEL TOOLS

### BRAKE BLEEDER WRENCHES

Loosens bleeder screws to allow bleeding of air from brake cylinders. Forged, offset style wrenches fit most domestic and import applications. OAL: 9" (23cm)



PART#	DESCRIPTION
SYTLA141	Brake Bleeder Wrench - 1/4" x 3/8"
SYTLA143	Brake Bleeder Wrench - 5/16" x 3/8"
SYTLA145	Brake Bleeder Wrench - 8mm x 10mm

### BRAKE ADJUSTING TOOL

Adjusts clearance between brake drum and brake shoe on drum brakes. Fitsthrough the slot in the backing plate and turns the star wheel. Four different tools with varying angles and widths.



PART#	DESCRIPTION
SYTL1417	Brake Adjusting Tool, 5/8" Flat x 5/8" Beveled, OAL 9"
SYTL1418	Brake Adjusting Tool, 1/2" Flat x 1/2" Beveled, OAL 7"
SYTLA117	Brake Adjusting Tool, 7/16" Flat x 7/16" Beveled, OAL 8"
SYTLA118	Brake Adjusting Tool, 3/8" Flat x 3/8" Beveled, OAL 7-3/4"

### DISC BRAKE PAD SPREADER

Helps install pads on most vehicles by compressing inner pad and resetting caliper piston. Features large knob and fine thread driver for easy turning. Works in tight areas where C-Clamps won't.



PART# .....SYTL1465

### BRAKE SPRING PLIERS

Removes and installs shoe return springs on most drum brakes. Handle ends remove and install anchor springs, while deep jaws clear shoe and strong hookend molds spring securely.



PART#	DESCRIPTION
SYTL1415	Heavy Duty Design, OAL 13"
SYTLA115	Standard Design, OAL 12"

### ONE MAN BRAKE BLEEDER

One-way check valve keeps air from flowing back into caliper or wheel cylinder when brake pedal is released, eliminating the need for a helper. Features universal spring clamp and 2' long (61cm) clear hose to view bubbles.



PART# .....SYTL1238

### ONE MAN BRAKE BLEEDER KIT

Services calipers, wheel cylinders and master cylinders. Includes fluid collection bottle, magnet (attaches bottle to car to allow any bubbles to rise), set of hoses and special tapered fittings.



PART# .....SYTL1250

## SPARK PLUG GAUGES / FEELER GAUGES

### FEELER GAUGE SET 26 BLADE STD.

3" straight blades - .0015, .002, .0025, .003 through .025" by thousandths. Blades also marked with metric equivalent. Knurled nut allows blade removal.



PART# .....SYTLA317

### FEELER GAUGE SET 9 TAPER BLADES

.015, .018, .020, .022, .025, .028, .030, .032, .035. 3" tapered blades work where regular feeler gauges won't fit. Includes electrode bender blade for use on spark plugs. Blades also marked with metric equivalent.



PART# .....SYTLA321

## STEERING / SUSPENSION TOOLS

### HEAVY DUTY TIE ROD SEPARATOR

Separates tie rod ends from steering knuckles, idler arm and Pitman arms. Prevents damage to steering components that result from other removal methods. Made of heat-treated alloy steel forging with cushion-grip handle. Opening 3/4" (19mm) OAL: 16" (41cm).



PART# .....SYTL4010

### TIE ROD SEPARATOR

Similar to #4010 but with shorter knurled grip handle for tight areas. OAL: 12" (30cm)



PART# .....SYTLA410

## PULLERS / PULLER SETS

### HEAVY DUTY QUICK CHANGE GEAR PULLERS

New patented design converts puller from external to internal or 2-jaw to 3-jaw in seconds. Adjusting knob controls powerful spring for quick jaw removal. Two sizes for most applications. Drop-forged chrome-vanadium steel construction for maximum pulling power.



PART#	RANGE	REACH	CAPACITY
SYTL8066	3" - 4"	3-1/2"	4 TONS
SYTL8068	3" - 7"	5-1/2"	7 TONS

## TUBING TOOLS

### MULTI-GROOVE TUBE BENDER

Bends 3/16", 1/4", 5/16" and 3/8" (4.8, 6.4, 7.9 and 9.5mm) diameter tubing without kinking or collapsing. Machined aluminum head is mounted to steel handle with vinyl grip. OAL: 8" (20cm).



PART# .....SYTL9170

### PRO TUBING BENDER

Bends 3/16", 1/4", 5/16" and 3/8" (4.8, 6.4, 7.9 and 9.5mm) diameter tubing without kinking or collapsing. Heavy-duty pliers with two interchangeable roller adapters. OAL: 10" (25cm).



PART# .....SYTL9172

### PRO MINI TUBING CUTTER

Similar to #9175 but all zinc die-cast construction and cutting wheel assembled on top.



PART# .....SYTL9175



### FLARE NUT WRENCHES

SAE and Metric wrenches fits most automotive tube fitting applications, including fuel, vacuum, hydraulic and refrigeration lines. Offset hex-head will not round soft flare nuts. Forged from chrome vanadium alloy steel and raised panel design.



### FLARING TOOL KIT

Flares seven popular tubing sizes: 3/16", 1/4", 5/16", 3/8", 7/16", 1/2" and 5/8". Used for copper, aluminum and steel tubing.



Flares 7 Popular Sizes!

PART# .....SYTLA970

PART#	DESCRIPTION
SYTLA855	Flare Nut Wrench - 3/8" x 7/16"
SYTLA857	Flare Nut Wrench - 1/2" x 9/16"
SYTLA859	Flare Nut Wrench - 5/8" x 11/16"
SYTLA860	3 Pc. Flare Nut Wrench Set - Metric
SYTLA861	Flare Nut Wrench - 9mm x 11mm
SYTLA862	Flare Nut Wrench - 10mm x 12mm
SYTLA864	Flare Nut Wrench - 13mm x 14mm
SYTLA867	Flare Nut Wrench - 15mm x 17mm

## SPECIALITY PLIERS

### 10 PC FIXED POINT SNAP RING PLIERS SET

Service both internal and external Snap-Rings with this set of fixed-point pliers. Each pliers easily converts from internal to external with thumbscrew. Made of heavy-gauge tempered steel and all with vinyl grips. Packed in blow mold case. Includes the following: .038" Straight Tip Pliers .038" 72° Pliers Straight Pick .047" Straight Tip Pliers .047" 72° Pliers 90° Pick .070" Straight Tip Pliers .070" 72° Pliers .090" Straight Tip Pliers .090" 72° Pliers



PART# .....SYTL8860

## THREAD REPAIR / FASTENER TOOLS

### FIX-A-THRED® REPAIR KITS & INSERTS

Repairs damaged threads in most automotive, motorcycle and outdoor power equipment systems. Unique insert design creates a permanent and wear-resistant thread in the parent material. Inserts are cold-rolled from 18/8 stainless steel wire with a diamond cross-section and wound into a spring coil. Fix-a-Thred® Taps are special oversize taps to international specifications. Standard taps cannot be used. Fix-a-Thred® Inserts will fit any other brand of tooling, but other brands will not work with Fix-a-Thred®.



TYPICAL KIT



TYPICAL INSERT PACK

PART#	DESCRIPTION
SYTL23609	Fix-a-Thred Inserts (10 Pk) - UNC 10-24
SYTL23049	Fix-a-Thred Inserts (10 Pk) - UNC 1/4" - 20
SYTL23059	Fix-a-Thred Inserts (10 Pk) - UNC 5/16" - 18
SYTL23069	Fix-a-Thred Inserts (10 Pk) - UNC 3/8" - 16
SYTL23079	Fix-a-Thred Inserts (10 Pk) - UNC 7/16" - 14
SYTL23089	Fix-a-Thred Inserts (10 Pk) - UNC 1/2" - 13
SYTL24609	Fix-a-Thred Inserts (10 Pk) - UNF 10 - 32
SYTL24049	Fix-a-Thred Inserts (10 Pk) - UNF 1/4" - 28
SYTL24059	Fix-a-Thred Inserts (10 Pk) - UNF 5/16" - 24

PART#	DESCRIPTION
SYTL24069	Fix-a-Thred Inserts (10 Pk) - UNF 3/8" - 24
SYTL24079	Fix-a-Thred Inserts (10 Pk) - UNF 7/16" - 20
SYTL24089	Fix-a-Thred Inserts (10 Pk) - UNF 1/2" - 20
SYTL25089	Fix-a-Thred Inserts (10 Pk) - MTC M8-1.25
SYTL25099	Fix-a-Thred Inserts (10 Pk) - MTC M9-1.25
SYTL25109	Fix-a-Thred Inserts (10 Pk) - MTC M10-1.50
SYTL25129	Fix-a-Thred Inserts (10 Pk) - MTC M12-1.75
SYTL25059	Fix-a-Thred Inserts (10 Pk) - MTC M5-0.8
SYTL25069	Fix-a-Thred Inserts (10 Pk) - MTC M6-1

### 53 PCS. UNIVERSAL RE-THREADING SET

Complete set of tools for all your rethreading needs. Includes thread files #8231 and #8233 plus the following Taps and Dies:

PART# . . . . .SYTL8240



#### METRIC

6 x 1.00mm Tap & Die
6 x 1.25mm Die Only
7 x 1.00mm Die Only
8 x 1.00mm Die Only
8 x 1.25mm Tap & Die
8 x 1.50mm Tap & Die
10 x 1.00mm Tap & Die
10 x 1.25mm Tap & Die
10 x 1.50mm Tap & Die
11 x 1.50mm Tap & Die
12 x 1.25mm Tap & Die
12 x 1.50mm Tap & Die
12 x 1.75mm Tap & Die
14 x 1.50mm Tap & Die

#### NC-USS

1/4" - 20 Tap & Die
5/16" - 18 Tap & Die
3/8" - 16 Tap & Die
7/16" - 16 Tap & Die
1/2" - 13 Tap & Die
9/16" - 12 Tap & Die
5/8" - 11 Die Only
<b>NF-SAE</b>
1/4" - 28 Tap & Die
5/16" - 24 Tap & Die
3/8" - 24 Tap & Die
7/16" - 20 Tap & Die
1/2" - 20 Tap & Die
9/16" - 18 Tap & Die
5/8" - 18 Die Only

### 5 PC FLUTED SCREW EXTRACTOR SET

Removes broken studs, set screws, pipe and alemitte fittings. Hardened extractors are tapered with special 4-point ends to bite into fastener. Also available individually.



ALSO Available Individually

PART#	DESCRIPTION
SYTL9030	5 Pc. Screw Extractor Kit - Fluted-Type
SYTL9031	Screw Extractor - 5/16"
SYTL9032	Screw Extractor - 3/8"
SYTL9033	Screw Extractor - 7/16"
SYTL9034	Screw Extractor - 9/16"
SYTL9035	Screw Extractor - 5/8"

### 5 PC SPIRAL SCREW EXTRACTOR SET

Removes broken studs, set screws and pipe fittings. Made from high-quality chrome-moly steel with reverse tapered threads. Also available individually.



PART#	DESCRIPTION
SYTL9040	5 Pc. Screw Extractor Kit - Spiral-Type
SYTL9041	Screw Extractor - 1/4"
SYTL9042	Screw Extractor - 5/16"
SYTL9043	Screw Extractor - 7/16"
SYTL9044	Screw Extractor - 9/16"
SYTL9045	Screw Extractor - 3/4"



## THREAD REPAIR / FASTENER TOOLS

### STUD REMOVER & INSTALLER

Fits hard-to-reach areas to remove stubborn studs. Working range from 1/4" to 3/4" (6mm-19mm) diameter. Use with 1/2" drive tools.



PART# .....SYTL9011

### NUT SPLITTING TOOL

Splits rusted or seized nuts up to 3/4" (19mm) across flats. Especially useful for shock absorber stud-end nuts. Features offset design for improved accessibility, thick forged body and swivel head. Use with 3/4" hex drive tools.



PART# .....SYTL9015

### IMPACT WRENCH KIT

High-quality tool will loosen rusted screws, nuts and bolts. Use with hammer to provide maximum torque action. Kit includes 3/8" square drive tool, hex bit adapter and four 5/16" impact hex bits. (9/32" & 5/16" Slotted, #2 & #3 Phillips).



PART# .....SYTL9311

## BRUSHES

### WIRE POWER BRUSHES

For heavy-duty applications in removing corrosion, carbon, paint or rust. All brushes feature high carbon steel wire and 1/4" shank for use with electric drill.



SYTL9805



SYTL9807



SYTL9809

PART#	DESCRIPTION	MAX RPM
SYTL9805	Knot-Type End Brush, 1" (25cm) DIA	20,000
SYTL9807	Wire Cup Brush, 1" (25cm) DIA	20,000
SYTL9809	Crimped Wire End Brush, 2-1/2" (64cm) DIA	5,000

### WIRE POWER BRUSHES - BRASS COATED

Brass offers superior finish and durability. Available in three styles in varying diameters. All with 1/4" shank for use with electric drill.



SYTL510-12



SYTLA520-24



SYTLA500-02

PART#	DESCRIPTION	MAX RPM
SYTLA500	Wire Cup Brush, 2" (51cm) DIA	4,500
SYTLA502	Wire Cup Brush, 3" (76 cm) DIA	4,500
SYTLA510	Wire End Brush, 3/4" (19cm) DIA	4,500
SYTLA512	Wire End Brush, 1" (25cm) DIA	4,500
SYTLA520	Wire Wheel Brush, 1-1/2", (38cm) DIA	4,500
SYTLA522	Wire Wheel Brush, 2", (51cm) DIA	4,500
SYTLA524	Wire Wheel Brush, 3" (76cm) DIA	4,500



### LARGE WIRE SCRATCH BRUSHES

For general purpose cleaning. Features hardwood handles with hang hole, plus 1" heavy-duty steel wire.



PART#	DESCRIPTION
SYTL9811	Scratch Brush - Curved Handle
SYTL9813	Scratch Brush - Shoe Handle

### 3 PC MINI SCRATCH BRUSH SET

Three bristle types for detail cleaning. All with 8" (20cm) wood handles. Also available individually bulk-packed.



PART#	DESCRIPTION
SYTLA541B	Mini Scratch Brush - Steel - Bulk
SYTLA542B	Mini Scratch Brush - Brass - Bulk
SYTLA543B	Mini Scratch Brush - Nylon - Bulk

## MIRRORS / PICKUP TOOLS

### INSPECTION MIRRORS

For fast, accurate visual inspection of hidden areas. Features "all-angle" doubleball joint that links mirror to handle for 360° viewing, but holds position firmly

PART#	DESCRIPTION
SYTL9450	Inspection Mirror - Telescopic Pocket
SYTL9454	Inspection Mirror - Telescopic/Round



### MAGNETIC PICK UP TOOLS

A full range of styles and strengths for picking up ferrous tools, parts, nuts, bolts, etc.

PART#	DESCRIPTION
SYTLA935	Telescopic Magnetic Pick-up Tool
SYTL9425	Magnetic Pick-up Tool - Telescopic Pocket
SYTL9433	Magnetic Pick-up Tool - Telescopic/H.D.
SYTL9439	Flexible Shaft Magnetic Pick-Up Tool



SYTL9433



SYTL9439



SYTLA935



SYTL9425

## GENERAL SERVICE TOOLS

### PRY BARS

Excellent for prying cylinder heads, manifolds, transmission cases and drive line components. Heavy, square bar stock is heat-treated with a black-oxide finish and set into a large plastic handle.

PART#	DESCRIPTION
SYTLA910	Pry Bar - 5/16" x 12-3/4"
SYTLA915	Pry Bar - 3/8" x 15-3/4"
SYTLA920	Pry Bar - 1/2" x 17"



### 4PC HOOK & PICK SET

High carbon steel ends with hex shaft for heavy-duty work. Styles: Straight, Complex, 90° and Hook. OAL: 7" (18cm)

PART# .....SYTL9910



### GASKET SCRAPER

All purpose scraper for removing shellacked gaskets, paint, grease and carbon. 1" wide forged alloy steel blade with sharp chisel edge can be re-sharpened Heavyduty.

PART# .....SYTL2080



### 5PC HOOK & PICK SET

For separating wires, removing small fuses, "O" rings, retrieving washers and loose parts too small to pick up with your fingers. Also used for scribing on metal parts. Includes four high carbon steel points that screw into aluminum handle. Handle also features magnetic end. All packed in vinyl pouch. OAL: 6-3/4" (17cm)

PART# .....SYTL9900



### HAMMER SET (SLEDGE & CROSS PEIN)

PART# .....SY59288



### 16OZ BALL PEIN HAMMER

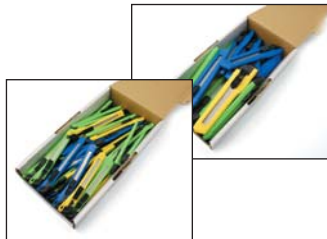
PART# .....SY59287



## SCRAPERS / KNIVES

### SNAP BLADE KNIFE ASST.

Features snap-off blade inside plastic handle with blade lock mechanism. All knives are bulk pack. Includes multiple colors.



PART#	DESCRIPTION
SYTL097600	Lg. Snap-Blade Knife Asst. (48 Pc. #A907B)
SYTL097610	Sm. Snap-Blade Knife Asst. (60 Pc. #A908B)



## CORDLESS HAND TOOLS

### 19.2V CORDLESS DRILL

- Powerful, industrial tool great for drilling wood, sheet metal, and driver screws
- Reversible with variable speed trigger and electric brake
- Variable speed 0-550RPM
- 3/8" Jacobs Keyless Chuck
- 25 torque settings



**PART# . . . . .SYAPT1001**

*Includes: Rechargeable Ni-Cd battery and charger, blow molded case, 6 drill bits, 8 driver bits, and 1 bit holder*

### 4.8V SCREWDRIVER

- Ergonomic design
- No load speed: 180 RPM
- Forward/reverse function
- LED indicator
- LED light for working in dark corners



**PART# . . . . .SYAPT1022P**

*Includes: 23 bits, and 1 extension bit holder, charger*

### 92PC. 19.2 CORDLESS DRILL KIT

- 19.2v cordless drill
- Powerful, industrial tool great for drilling wood, sheet metal, and driver screws
- Reversible with variable speed trigger and electric brake
- Variable speed 0-550RPM
- 3/8" Jacobs Keyless Chuck
- 25 torque settings



**PART# . . . . .SYAPT1009**

*Includes: Rechargeable Ni-Cd battery and charger, blow molded case, (12) 2" S/D bit set, 9 socket set, (22) 1" S/D bit set, (5) rotary stone set, (10) masonry drill bit set, (2) router sink, (3) wood boring bit set, arbor, (10) HSS drill bit set, (1) 1/2" bit holder, (3) wheel brush set, 19.2 volt battery, and (10) brad point bit set*

### 19.2V 1/2" DRIVE CORDLESS COMBO IMPACT WRENCH/SWIVEL LIGHT KIT

- Speed: 0-2000RPM/2600 Impacts per minute
- Max torque: 280FT/LBS
- Powerful impact transmission
- Metal front housing enhances durability
- Fan cooled motor
- Ergonomic soft handle for user comfort



#### WORKLIGHT

- Swivel head illuminates light where needed
- Freestanding for hands free operation

**PART# . . . . .SYAPT1016A**

*Includes: 4 pc. socket set and 4.5" extension (3/4", 7/8", 16/16", and 1"), automatic cut-off, 1 hour fast charger, (2) high performance Ni-Cd batteries, detachable handle for extra support, blow molded case*

### 19.2V REPLACEMENT BATTERY

For all powered American Cordless Tools

**PART# . . . . .SYAPT1900**



### 3.6V 104PC SCREWDRIVER KIT

- Speed: 250RPM
- Chuck 1/4" 6.35mm (male)
- Forward/reverse switch for unscrewing/screwing
- Rechargeable battery



**RECHARGEABLE BATTERY**

**PART# . . . . .SYAPT1022**

*Includes: 102 accessories, charger, and aluminum carrying case*

## AIR COMPRESSORS / HOSES

### 2.5HP (3.5HP PEAK) TANK AIR COMPRESSOR 6 GALLON MOBILE TWIN

- 120v/60Hz
- Oil-lube pump for maximum life
- 5.2 CFM @ 40 PSI
- 4.2 CFM @ 90 PSI
- 125PSI Maximum pressure
- Two metal gauges and two universal quick connectors
- 70 lbs

PART# .....SYAPC4002



### 2.5HP (3.5HP PEAK) TANK AIR COMPRESSOR 5 GALLON TWIN

- 120v/60Hz
- Oil-lube pump for maximum life
- 5.2 CFM @ 40 PSI
- 4.2 CFM @ 90 PSI
- 115PSI Maximum pressure
- Two metal gauges and two universal quick connectors
- 57 lbs

PART# .....SYAPC4006



### 2.5HP (3.5HP PEAK) TANK AIR COMPRESSOR 8 GALLON MOBILE TWIN

- Detachable 4 gal. portable tank w/built in hose
- Built in tool shelf
- 120v/60Hz
- Oil-lube pump for maximum life
- 5.2 CFM @ 40 PSI
- 4.2 CFM @ 90 PSI
- 115PSI Maximum pressure
- Two metal gauges and two universal quick connectors
- 85LBS

PART# .....SYAPC4007



### 1.5 HP 2 GAL. AIR COMPRESSOR, WITH NAIL GUN

- 115V/60Hz
- Oil-lube pump for durability
- 1.5 HP induction motor
- 4.3 CFM at 40 psi; 3.3 CFM at 90 PSI
- 115 PSI maximum pressure
- Includes 2-in-1 18 gauge brad nailer and stapler, 25 ft. coil hose
- 40LBS

PART# .....SYAPC4004



### 72PC AIR TOOL KIT

PART# .....SY59294

Includes: 1/2" impact wrench, 3/8" air ratchet, 1/4" die grinder, air hammer with chisels, blow gun, 67 accessories and case



### RECOIL AIR HOSE (1/4" X 25')

PART# .....SY59295



### 2.5HP (3.5 HP PEAK) 6 GALLON AIR COMPRESSOR

- 120v/60Hz
- Oil-lube pump for maximum life
- 5.2 CFM @ 40 PSI
- 4.2 CFM @ 90 PSI
- 115PSI Maximum pressure
- Two universal quick connectors
- 57LBS

PART# .....SYAPC4016A

Includes: 25' coil hose, one blow gun, one high pressure nozzle, one tapered rubber nozzle, one air chuck, one needle chuck, one Tapered chuck, one safety nozzle, one quick-connect coupler, one tape sealer, 2 male quick-connectors, four female connectors



### AIR HOSE (3/8" X 25')

PART# .....SY59296



### AIR HOSE (3/8" X 50')

PART# .....SY59297



## PRESSURE WASHERS

### 1300 PSI PRESSURE WASHER

- 120V/60HZ, 13AMP, 3400 RPH
- Water flow: 1.6 gallons (6 liters) per minute
- Great for cleaning your car, boat, RV, brick, wood decks & BBQ grills quickly and easily
- Adjust spray from fine to intense
- Built-In ground fault circuit interrupter (GFCI) for safety
- Built in wheels for easy mobility

PART# . . . . .SYAPW5001

Includes: 35 ft.(10.668 meters) power cord with GFCI , 20 ft. (6.096 meters) hose with pistol grip handle, 2 PC spraying wand, automatic soap dispenser



1.6 gallons per minute

### 2000 PSI GAS PRESSURE WASHER

- Powered by 4HP OHV engine
- 1.8 gallon per minute pressure washer
- 25 foot high-pressure hose with quick connect coupling
- 4 quick connect tips (0, 25, 40, soap)
- Maintenance free pump

PART# . . . . .SYAPW5106



Maintenance free pump

### 1800 PSI PRESSURE WASHER

- 15AMP High efficient air cooled induction motor
- Removes dirt without damaging car finish
- Pistol Style Grip with trigger spray wand
- Adjustable spray (fine to intense)
- Delivers 1-1/2 Gallons per minute
- Automatic soap dispenser
- Wheels for easy mobility
- Convenient 35ft Cord with GFCI
- Heavy duty compact up right design

PART# . . . . .SYAPW5002

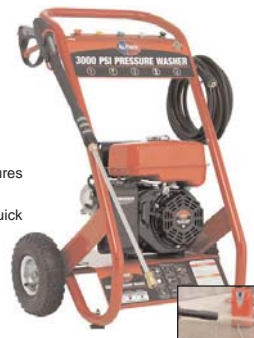


Wheels-for easy mobility!

### 3000 PSI GAS PRESSURE WASHER

- Powered by 6.5HP OHV engine
- 3000PSI Maximum Pressure
- 2.7GPM Maximum water flow
- Stainless steel wand
- Five quick connect spray nozzles (0°, 15°, 25°, 40°, soap)
- Maintenance-Free brass pump features a thermal relief valve
- 30' 5/16" high pressure hose with quick connect coupling
- 10" pneumatic tire

PART# . . . . .SYAPW5102



### 2000 PSI GAS PRESSURE WASHER

- Powered by 4HP OHV engine
- 1.8 GALLON per minute pressure washer
- 25 foot high-pressure hose with quick connect coupling
- 4 quick connect tips (0, 25, 40, soap)
- Maintenance free pump

PART# . . . . .SYAPW5105



## VACUUM CLEANER

### 3 PEAK HP INDUSTRIAL GRADE VACUUM CLEANER

- 120V/60Hz, 1000W
- All steel housing
- 3HP Peak industrial grade motor provides outstanding suction power
- Long thin nozzle makes it easy to get to those hard to reach areas
- Easy-to-Empty reusable dust bag
- Convenient shoulder strap for easy carrying
- Extra-long hose and power cord for greater reach

PART# . . . . .SYAPV7000



- INCLUDES:**
- Two 7' Hose
  - Vent Brush
  - Wall Mount
  - Brush Nozzle
  - 2 Wands
  - Detail Kit
  - Carpet Nozzle
  - Shoulder Strap
  - Air Funnel
  - Blower Nozzle
  - Crevice Tool



For more than 60 years Beta has been specializing in the production of quality tools. Beta Tools are now available in a collection specifically assembled for material handling and in-plant vehicles.

## WRENCH SETS

### Combination wrench sets

- Slim ends
- Straight open ends
- Offset ring ends
- Chromed



**PART# . . . . .SY000420060**  
14 piece set Includes:  
5.5x5.5, 7x7, 8x8, 10x10, 11x11, 12x12, 13x13, 14x14, 17x17, 19x19, 22x22, 24x24, 30x30, 32x32mm



**PART# . . . . .SY000420160**  
10 piece set Includes:  
5/16x5/16, 3/8x3/8, 7/16x7/16, 9/16x9/16, 5/8x5/8, 11/16x11/16, 3/4x3/4, 13/16x13/16, 7/8x7/8, 15/16x15/16in



**PART# . . . . .SY000420055**  
9 piece set Includes:  
5.5x5.5, 7x7, 8x8, 10x10, 11x11, 13x13, 14x14, 17x17, 19x19mm



**PART# . . . . .SY000420155**  
9 piece set Includes:  
1/4x1/4, 5/16x5/16, 3/8x3/8, 7/16x7/16, 1/2x1/2, 9/16x9/16, 5/8x5/8, 11/16x11/16, 3/4x3/4in

### Double swivel end socket wrench sets

- Sockets can be swiveled 180 degrees for operating in small places
- Spiral spring within the hinge fixates the sockets in every position
- Chromed



**PART# . . . . .SY000800050**  
7 piece set Includes:  
8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22mm



**PART# . . . . .SY000800550**  
5 piece set Includes:  
3/8x7/16, 1/2x9/16, 19/32x5/8, 11/16x3/4, 13/16x7/8in

### Allen wrench sets

- Ball head offset hexagon
- Chrome or burnished



**PART# . . . . .SY000960351**  
8 piece set includes:  
1.5, 2, 2.5, 3, 4, 5, 6, 8, 10mm



**PART# . . . . .SY000960997**  
8 piece set includes:  
3/32, 1/8, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8in

## SOCKET SETS

- Hexagon sockets
- Metal boxes



**PART# . . . . .SY009000951**  
Includes:  
13 sockets/8 accessories- 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14mm



**PART# . . . . .SY009000959**  
Includes:  
10 sockets/7 accessories- 3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2, 9/16in

## TORQUE WRENCHES

- Click-type
- Reversible
- 1/2" drive
- Shock-proof plastic case



**PART# . . . . .SY006670420**  
30-150lb. Ft



**PART# . . . . .SY006660410**  
15-80lb. Ft

**PLIERS**

Extra long round knurled nose pliers, slip-proof double layer PVC coated handle



PART# .....SY01166006  
160mm

PART# .....SY011660010  
200mm

Extra long round knurled nose pliers, bi-material handles



PART# .....SY011660036  
160mm

PART# .....SY011660040  
200mm

Combination pliers, slip-proof double layer PVC coated handles



PART# .....SY011500026  
160mm

PART# .....SY011500010  
200mm

Combination pliers, bi-material handle



PART# .....SY011500036  
160mm

PART# .....SY011500040  
200mm

Adjustable self-locking pliers



PART# .....SY010520024  
Concave jaw, 240mm

PART# .....SY010530024  
Floating jaw, 240mm



PART# .....SY010540022  
Straight jaw, 235mm

PART# .....SY010580024  
Long jaw, 240mm

Wire stripping pliers, slip-proof double layer PVC coated handles



PART# .....SY011420006

Wire stripping pliers, bi-material handles



PART# .....SY011420036

Insulated diagonal cutting nippers



PART# .....SY010820096  
160mm

Insulated combination pliers



PART# .....SY011500096  
160mm

Insulated extra long needle nose pliers



PART# .....SY011660096

## SCREWDRIVER SETS

Economy screwdriver set



PART# .....SY012030007  
Includes:  
7 pieces - 4 slotted and 3 Phillips®

Heavy duty screwdriver set



PART# .....SY012930201  
Includes:  
10 pieces - 6 slotted and 4 Phillips®

Circuit testing screwdriver, 6-24V



PART# .....SY012620001

Standard screwdriver set



PART# .....SY012730004  
Includes:  
7 pieces - 4 slotted and 3 Phillips®



Micro-screwdriver set for Phillips® screws

PART# .....SY012550110

## TOOLS FOR TORX®

Offset key wrench set for Torx® head screws



PART# .....SY000970640  
Includes:  
8 pieces:T9 ,T10, T15, T20, T25, T27, T30, T40

Screwdriver set for Torx® screws,



PART# .....SY012780201  
Includes:  
6 pieces: T10, T15, T20, T25, T27, T30

Socket and bit set for Torx® screws



PART# .....SY009200989  
Includes:  
6 bits, 6 sockets, 5 socket drivers and 4 accessories

## PUNCH / CHISEL SETS

Punch set in metal case



PART# .....SY000310030  
Includes:  
6 pieces

Punch and chisel set in plastic case



PART# .....SY000380006  
Includes:  
6 pieces

Punch and chisel set in metal case



PART# .....SY000380009  
Includes:  
6 pieces

## CUTTING / DRILLING

### Utility knife

- Soft rubber inserts for better grip



PART# .....SY017720010

### Replacement blades, 10 pieces



PART# .....SY017720015

### Stainless steel, foldaway knife with wire stripping notch



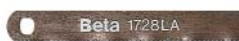
PART# .....SY017770100

### Mini hacksaw frame, 260mm



PART# .....SY017250005

### Mini hacksaw blade, 150mm



PART# .....SY017280001

### Hacksaw with bi-metal blade, 440mm



PART# .....SY017260001

### Replacement bi-metal hacksaw blade



PART# .....SY017280010  
300mm

### Replacement bi-metal, cobalt hacksaw blade,



PART# .....SY017280030  
300mm

### Compound leverage shears for straight and right cuts



PART# .....SY011250001  
250mm

### Compound leverage shears for straight and left cuts, 250mm



PART# .....SY011260001

### Twist drill set with cylindrical shanks



PART# .....SY004120419  
includes:  
19 pieces - 0.5 - 10mm

### Twist drill set with cylindrical shanks



PART# .....SY004120425  
includes:  
25 pieces - 0.5 - 13mm

## TOOL STORAGE

### \*Five-section cantilever metal tool box, 450mm L x 200mm W x 210mm H



PART# .....SY011200002

\* tools not included













### Three-section metal tool trolley

- Sheet metal frame and shockproof ABS shelves
- 3 detachable sections: upper tool box, 2 drawer middle section, large lower section with extractable compartment



PART# .....SY011200002

## RECOMMENDED VAN SUPPLY CHECKLIST









ITEM	DESCRIPTION	PAGE	BASIC PART# SYSVBK	DELUXE PART# SYSVDK	CUSTOM Create Your Own
 STC254	25' booster cable	5	X	X	
 SY9995	Scrubs hand towels, 72 towels	14		X	
 SY59293	Hand broom	14	X	X	
 SY59292	Dust pan	14	X	X	
 SY74017	First aid kit	19	X	X	
 SY6608	Gloves, large nitrile, 100 per box	19	X		
 SY74020	Respirator mask, 50 per box	20	X		
 SY59291	Hard hat	20	X	X	
 SY9962	Safety glasses	20	X	X	
 SY19040-L84	Oil-dri, 25LB bag	21		X	
 SY90540	Universal spill pads (oil, grease, coolant)	21	X		
 SY90435	5 GALLON spill kit (oil, grease, coolant)	21		X	
 SY510192-001	Battery acid spill kit	22		X	
 SY250RFC-MB	Fire extinguisher, A, B & C, 2-1/2LBS	22	X	X	
 SY59289	Warning triangles	22	X	X	
 SY8000	Forklift jack, 8,000lb capacity	24	X	X	
 SY400	Forklift stands, 30,870lbs pair capacity	24	X	X	
 SY59301	5" Vice-Table Top	27	X	X	
 SYCH1	Chain wear gauge	27	X	X	
 SY41800	Fork caliper	27	X	X	
 SYBZ05064	Large funnel	28	X	X	
 SYBZ05034	Super funnel	28		X	
 SYBZ05070	Drain pan, 7-1/2qt	28	X	X	
 SYBZ31733	Gas can, plastic, 3.75GALLON	29		X	
 SY1014	Cable cutter, 17" - up to 4/O	30	X	X	



## RECOMMENDED VAN SUPPLY CHECKLIST CONTI.

ITEM	DESCRIPTION	PAGE	BASIC PART# SYSVBK	DELUXE PART# SYSDVK	CUSTOM Create Your Own
 SY9968	Crimping tool	31	X	X	
 SY120151-010	Hydrometer	32	X	X	
 SY120161-010	Battery filler jug, 2qt	32		X	
 SY9904	Maglite flashlight, 3D	33	X		
 SY9913	Maglite rechargeable flashlight, 12v & 110vac	33		X	
 SY74013	Drop light, 25'	34	X	X	
 SY9954	Extension cord, 50'	34		X	
 SY59275	Creeper seat, C-frame	34		X	
 SY41950	Stress crack detection kit	35		X	
 SY59276	Heavy duty solder gun	36		X	
 SY59274	Heavy duty rivet gun	36		X	
 SYTL2594	Chain type oil filter wrench, 2-3/4" to 4-1/2"	37	X	X	
 SY9857	Grease gun, 14oz	38	X	X	
 SYTLA195	Coolant tester	39	X	X	
 SY41024	Quadrageauge	40		X	
 SYTLA305	Engine analyzer - digital	41		X	
 SYTL3006	Voltage tester	41	X	X	
 SYTL3012	Remote control starter switch	41		X	
 SYTL1250	One man brake bleeder kit	42		X	
 SY59288	3lb cross pein & sledge hammer set	46	X	X	
 SYAPC4016A	3.5hp, 6GALLON air compressor	48		X	
 SY59296	3/8" x 25' air hose	48		X	
 SY59294	72pc air tool kit	48		X	
 SYAPV7000	3hp industrial vacuum	49		X	

## COMMONLY USED CHEMICALS, LUBRICANTS, AND HARDWARE KITS

	ITEM	DESCRIPTION	PAGE
	SY2114	Carburetor gum solve spray, 11oz	15
	SY4516	Penetrant & lube spray, 11oz	15
	SY4620	Brake cleaner spray, non-chlorinated, 14oz	15
	SY7006	Chain lube spray, 10oz	15
	SY7012	Battery cleaner spray, 15oz	15
	SY7014	Electric motor cleaner spray, 19oz	15
	SY9887	White lithium grease spray, 11oz	15
	SY7005	Innerslide lube spray, 10.5oz	15
	SY9802	Heavy duty threadlocker, 0.34oz	16
	SY9805	Gasket maker, 1.69oz	16
	SY9818	Black RTV adhesive, 3oz	16
	SY9853	Heavy duty grease, 14oz tube - 10 per case	17
	SY9854	Heavy duty wheel bearing grease, 1lb tub	17
	SY87808	WD-40, 11oz spray	17
	SY9930	Terminal kit, 300pcs	8
	SY9915	Woodruff key kit, 65pcs	25
	SY9916	Cotter pin kit, 555pcs	25
	SY9919	Grease fitting kit, 32pcs	25
	SY9917	Spring lock pin kit, 170pcs	25
	SY9970-100	O-ring kit, 436pcs standard	26
	SY9971	O-ring kit, 380pcs metric	26
	SY59277	Fuse kit, 20pcs, blade style	33
	SYBU-GSK-260	Fuse kit, 120pcs, glass style	33

ABSORBENTS . . . . .	21	CHOCKS . . . . .	34	FLUTED SCREW EXTRACTOR SET . . . . .	44	MOTOR AID OIL TREATMENT . . . . .	15	SPARK PLUG WIRE TESTER . . . . .	41
ACID APRON . . . . .	20	CIRCUIT TESTER . . . . .	41	FORK CALIPER . . . . .	27	MOTOR OIL . . . . .	18	SPILL KITS . . . . .	21-22
ACID SLEEVES . . . . .	20	CLAMP CONNECTOR LIFTER . . . . .	32	FORKLIFT JACK . . . . .	24	MULTIMETER ANALOG . . . . .	41	SPIRAL SCREW EXTRACTOR SET . . . . .	44
ACID SPILL KIT . . . . .	22	CLAMPS . . . . .	27	FORKLIFT STANDS . . . . .	24	MULTIMETER DIGITAL . . . . .	41	SPOUTS . . . . .	28
ADAPTERS . . . . .	39	CLAMPS, CABLE . . . . .	12	FUEL INJECTOR CLEANER . . . . .	15	MULTI-PURPOSE GREASE . . . . .	17	SPRAY PAINT . . . . .	23
ADHESIVES . . . . .	15-18	CLEANER AND DEGREASER . . . . .	16	FUEL PREP . . . . .	15	NEEDLE NOSE DISPENSER . . . . .	39	SPRAYS . . . . .	15-18
AIR COMPRESSORS . . . . .	48	CLEANER, BRAKE . . . . .	15	FUEL STATION . . . . .	29	NOZZLES . . . . .	28	SRUBS . . . . .	14
AIR HOSES . . . . .	48	CLEANERS, HAND . . . . .	13	FUNNELS . . . . .	28	NUT SPLITTING TOOL . . . . .	45	STARTING FLUID . . . . .	15
AIR TOOL KIT . . . . .	48	CLEAR RTV ADHESIVE . . . . .	16	FUSE KIT . . . . .	33	OIL . . . . .	17-18	STEERING, SUSPENSION TOOLS . . . . .	42
ANGLE NOSE PLIERS . . . . .	32	CLIPS, BATTERY . . . . .	12	GAS CANS . . . . .	29	OIL EXTRACTOR, FLUID EVACUATOR . . . . .	37	STRAP BATTERY CARRIER . . . . .	32
ANTI-SEIZE LUBE . . . . .	16	COMPOUND . . . . .	16	GAS LINE ANTIFREEZE . . . . .	15	OIL FILTERS WRENCHES . . . . .	37	STRESS CRACK DETECTION KIT . . . . .	35
ANTIFREEZE . . . . .	18	COMPRESSORS . . . . .	48	GASKET MAKER . . . . .	16	OIL PANS . . . . .	28	STRIPPERS . . . . .	30
ANTIFREEZE AND COOLANT TESTER . . . . .	39	CONDUCTOR CABLE . . . . .	9	GASKET REMOVER . . . . .	16-17	OIL SPILL KIT . . . . .	21	STRIPPING TOOLS . . . . .	30
ANTIFREEZE, GAS LINE . . . . .	15	CONNECTOR DUST COVERS . . . . .	3	GASKET SCRAPER . . . . .	46	ONE MAN BRAKE BLEEDER/KIT . . . . .	42	STROBES . . . . .	29
APRON . . . . .	20	CONNECTOR KEY KITS . . . . .	3	GASKET, FORM-A . . . . .	16	OPEN GEAR LUBE SPRAY . . . . .	15	STUD REMOVER AND INSTALLER . . . . .	45
ASSORTMENTS, CRIMP . . . . .	7	CONNECTOR LOCKOUTS . . . . .	3	GEAR OIL, 80W90 . . . . .	17	O-RINGS . . . . .	26	SUPER BONDER . . . . .	16
AUTOMATIC TRANSMISSION FLUID . . . . .	18	CONNECTOR TIP EXTRACTION TOOL . . . . .	32	GENERATOR . . . . .	34	PADS . . . . .	21	SUPER GLUE . . . . .	17
AVIATION GASKET SEALER . . . . .	16	CONNECTORS, BATTERY . . . . .	2	GLASS FUSE KIT . . . . .	33	PAINT . . . . .	23	SUPERFLEX ULTRA BLUE . . . . .	16
BALL PEIN HAMMER . . . . .	46	COOL TEC . . . . .	15	GLASSES . . . . .	20	PENETRANT AND LUBE SPRAY . . . . .	15	SWIVEL COUPLER . . . . .	39
BATTERY BRUSH . . . . .	32	COOLANT . . . . .	18	GLOVES . . . . .	19	PICK UP TOOLS . . . . .	46	SYNTHETIC LUBE WITH TEFLON . . . . .	17
BATTERY CABLE . . . . .	12	CORDLESS HAND TOOLS . . . . .	47	GLUE . . . . .	17	PIPE SEALANT . . . . .	16	TAPE . . . . .	36
BATTERY CABLE CRIMPER . . . . .	31	COTTON TOWELS . . . . .	14	GOGGLES . . . . .	21	PISTOL-TYPE OILERS . . . . .	37	TENSIONING TOOLS . . . . .	30
BATTERY CAPS . . . . .	12	COUPLERS . . . . .	38-39	GOJO . . . . .	13-14	PORTABLE GASOLINE GENERATOR . . . . .	32	TERMINAL BRUSH . . . . .	32
BATTERY CHARGER . . . . .	3	CREEPER SEAT . . . . .	34	GREASE FITTING, JOINT UNBLOCKER . . . . .	38	PLASTIC RESERVOIR . . . . .	37	TERMINAL KITS . . . . .	8
BATTERY CLEANER SPRAY . . . . .	15	CRIMP ASSORTMENTS . . . . .	7	GREASE GUN . . . . .	38	PORTABLE GASOLINE GENERATOR . . . . .	32	TERMINAL PULLER . . . . .	32
BATTERY CLIPS . . . . .	12	CRIMPER . . . . .	30	GREASE GUN COUPLER . . . . .	38	POWER STEERING FLUID . . . . .	15	TERMINAL SPREADER . . . . .	32
BATTERY CONNECTORS . . . . .	2	CUTOFF TOOLS . . . . .	30	GREASE GUN HOSE . . . . .	38	POWER WASHERS . . . . .	49	TESTERS . . . . .	41
BATTERY FILLER . . . . .	32	CUTTERS . . . . .	30	HAMMERS . . . . .	46	PRESSURE GAUGES . . . . .	40	THREAD REPAIR, FASTENER TOOLS . . . . .	44
BATTERY MAINTENANCE KIT . . . . .	22	DECALS . . . . .	22	HAND CLEANERS . . . . .	13-14	PRESSURE WASHERS . . . . .	49	THREADLOCKERS . . . . .	16
BATTERY POST DRILL BIT /LEADHEADS . . . . .	32	DEFLECTORS . . . . .	35	HAND MEDIC . . . . .	14	PRY BARS . . . . .	46	THREADLOCKING ADHESIVE . . . . .	16
BATTERY POST TERMINAL BRUSH . . . . .	32	DEGREASER . . . . .	16	HARD HAT . . . . .	20	PULLERS AND PULLER SETS . . . . .	43	TIE MOUNTS, CABLE . . . . .	11
BATTERY PROTECTOR SPRAY . . . . .	15	DETECTION KITS . . . . .	35	HARDWARE KITS . . . . .	25	QUADRAGAUGE . . . . .	40	TIE ROD SPREADER . . . . .	42
BATTERY TERMINAL KITS . . . . .	6-8	DIAGNOSTIC TOOLS . . . . .	40	HEADGEAR . . . . .	21	QUICK CHANGE GEAR PULLERS . . . . .	43	TIES, CABLE . . . . .	11
BEARING RACE, SEAL DRIVER SET . . . . .	39	DIESEL COOLING TREATMENT . . . . .	15	HEAT SHRINK CONNECTION TUBING . . . . .	9	QUICKCUTTERS . . . . .	30	TOOLS AND ACCESSORIES . . . . .	32
BELT DRESSING . . . . .	17	DIESEL FLO . . . . .	15	HEAT SHRINK TUBING . . . . .	9	QUICKHEAT GUNS . . . . .	35	TOWELS . . . . .	14
BELT DRESSING GASKET SEALANT . . . . .	16	DISC BRAKE PAD SPREADER . . . . .	42	HEAVY DUTY GREASE . . . . .	17	QUICKSET ADHESIVE . . . . .	17	TOWELS, COTTON . . . . .	14
BELT DRESSING SPRAY . . . . .	15	DISPENSER . . . . .	14	HEAVY DUTY THREADLOCKER . . . . .	16	RADIATOR FLUSH KIT . . . . .	39	TOWELS, LINEN . . . . .	14
BETA TOOLS . . . . .	50	DRAIN PLUG WRENCHES . . . . .	37	WHEEL BEARING GREASE . . . . .	17	RADIATOR PRESSURE TESTER . . . . .	39	TRANS/POWER STEER CONDITIONER . . . . .	15
BLACK CONTACT ADHESIVE . . . . .	16	DRILLS . . . . .	47	HIT-TRACK GASKET SEALANT . . . . .	16	RED BOLT LOCKER . . . . .	17	TRANSMISSION FLUID . . . . .	18
BLACK RTV ADHESIVE . . . . .	16-17	DRY GRAPHITE LUBE SPRAY . . . . .	15	HOOK AND PICK SET . . . . .	46	RED GREASE SPRAY . . . . .	15	TRIANGLES . . . . .	22
BLEEDERS . . . . .	42	DUCT TAPE . . . . .	36	HOSE CLAMPS . . . . .	27	RED RTV ADHESIVE . . . . .	16	TROUBLE LIGHTS . . . . .	34
BLUE BOLT LOCKER . . . . .	17	DUST PAN . . . . .	14	HYDRAULIC FLUID . . . . .	18	RED RTV SEALANT . . . . .	17	TRUCK JACK . . . . .	24
BOOSTER CABLES . . . . .	5	DUSTING BRUSH . . . . .	14	HYDROMETER . . . . .	32	REMOTE CONTROL STARTER SWITCH . . . . .	41	TUBING CUTTER . . . . .	43
BOOSTER PACKS . . . . .	4	DYE-LITE . . . . .	35	IMPACT WRENCH KIT . . . . .	45	REMOVABLE THREADLOCKER . . . . .	16	TUBING, HEAT SHRINK . . . . .	15
BRAKE ADJUSTING TOOL . . . . .	42	DYNABLU RTV GASKET MAKER . . . . .	17	INJECTOR NEEDLE . . . . .	39	REPLACEMENT BATTERY FOR DRILLS . . . . .	47	UNIVERSAL BEARING PACKER . . . . .	39
BRAKE AND WHEEL TOOLS . . . . .	42	EAR PLUGS . . . . .	19	INJECTOR TUNE UP . . . . .	15	RESPIRATORS . . . . .	20	UNIVERSAL COMPRESSION TESTER . . . . .	40
BRAKE BLEEDER WRENCHES . . . . .	42	ELECTRIC MOTOR CLEANER . . . . .	15	INNERSLIDE LUBRICANT . . . . .	15	RETAINING COMPOUND . . . . .	16	UNIVERSAL TRACTOR FLUID . . . . .	18
BRAKE FLUID . . . . .	17	ELECTRIC MOTOR SPRAY . . . . .	15	INSPECTION MIRRORS . . . . .	46	RIVETER SET . . . . .	35	VACUUM CLEANER . . . . .	49
BRAKE SPRING PLIERS . . . . .	42	ELECTRICAL SCREWDRIVER . . . . .	47	JACK STANDS . . . . .	24	SAFETY . . . . .	19-21	VICE-TABLE TOP . . . . .	27
BRAKE, CLEANER . . . . .	15	ELECTRICAL TAPE . . . . .	36	JUMPER CABLES . . . . .	5	SAFETY GLASSES . . . . .	20	VICE-HAND HELD . . . . .	34
BUCKET . . . . .	27	ENGINE ANALYZER . . . . .	41	KEY KITS . . . . .	25	SCISSORS BATTERY CARRIER . . . . .	32	VOLTAGE TESTER . . . . .	41
CABINETS . . . . .	27	ENGINE CLEAN AND DEGREASER . . . . .	15	KITS, TERMINAL . . . . .	8	SCRAPERS . . . . .	46	WARNING TRIANGLES . . . . .	22
CABLE CLAMPS . . . . .	12	ENGINE DEGREASER . . . . .	16	KNIVES . . . . .	46	SCRATCH BRUSHES . . . . .	45	WD40 . . . . .	17
CABLE TIE SADDLE MOUNT . . . . .	11	EXHAUST CLAMP . . . . .	27	LEAK DETECTION LAMPS . . . . .	35	SEAL PULLER . . . . .	39	WHEEL CHOCKS . . . . .	34
CABLE TIES . . . . .	11	EXTENSION CORDS . . . . .	34	LOCKOUTS, CONNECTORS . . . . .	3	SEALANTS . . . . .	15-18	WHITE LITHIUM GREASE SPRAY . . . . .	15
CABLE TIES MOUNTS . . . . .	11	EXTERNAL ENGINE TOOLS . . . . .	39	LOW-PROFILE SEAL PULLER . . . . .	39	SIDE LIFT BATTERY CARRIER WITH PADS . . . . .	32	WIRE . . . . .	10
CABLES, BOOSTER . . . . .	5	FACE SHIELDS . . . . .	20	LUBE AND PROTECT SPRAY . . . . .	16	SIDE TERMINAL BATTERY BRUSH . . . . .	32	WIRE LOOM . . . . .	9
CABLES, CONDUCTOR . . . . .	9	FAST FUNNELS . . . . .	28	LUBE SERVICE KIT . . . . .	39	SIDE TERMINAL RATCHET WRENCH . . . . .	32	WIRE POWER BRUSHES . . . . .	45
CABLES, JUMPER . . . . .	5	FAST ORANGE . . . . .	14	LUBE, ANTI-SEIZE . . . . .	16	SILICONE HI-TEMP RED GASKET MAKER . . . . .	17	WORLD DECAL KIT . . . . .	22
CAPS, BATTERY . . . . .	12	FAST WIPES . . . . .	13	LUBRICANTS . . . . .	15-18	SILICONE SPRAY . . . . .	15	WRENCH EZE SPRAY . . . . .	15
CARBURETOR GUM SOLVE SPRAY . . . . .	15	FEELER GAUGES . . . . .	42	LUBRICATION TOOLS . . . . .	37	SLEDGE HAMMER . . . . .	46		
CARRIERS . . . . .	29	FIRE EXTINGUISHER . . . . .	22	MAGLITE . . . . .	33	SNAP BLADES . . . . .	46		
C-FRAME CREEPER SEAT . . . . .	34	FIRST AID KIT . . . . .	19	MAGNETIC PICK UP TOOLS . . . . .	46	SOCKS . . . . .	21		
CHAIN AND CABLE LUBE . . . . .	16	FIXED POINT SNAP RING PLIERS SET . . . . .	43	MASKS . . . . .	40	SOLDERING GUN . . . . .	35		
CHAIN LUBE SPRAY . . . . .	15	FLARE NUT WRENCHES . . . . .	43	MECHANICS MAT . . . . .	34	SPARK PLUG GAUGES . . . . .	42		
CHAIN WEAR GAUGE . . . . .	27	FLARE TOOLS KIT . . . . .	43	MINI BAR LIGHTS . . . . .	29	SPARK PLUG SOCKET . . . . .	41		
CHARGER, BATTERY . . . . .	3	FLASHLIGHTS . . . . .	33	MIRRORS . . . . .	46	SPARK PLUG TERMINAL PLIERS . . . . .	41		
CHEMICALS . . . . .	15-18	FLEET ASSEMBLY . . . . .	5						
		FLUIDS . . . . .	15-18						