

**Fuses**

- All fuses are of U.S. manufacture
- Fuses are color-coded as per industry universal coding
- All Fuses are rated for 32V AC/DC
- MINI™ & MAXI™ fuses use silver-plated blades
- All fuses are boxed for protection against damage
- Numerals in industry number indicate amperage
- All blade fuses are UL listed
- MAXI™ fuses replace fusible links

Industry Number	Part No.	Stk. Code	Length or Color Code	Qty / Box	Boxes / Carton
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**AGC Glass Fuses:**

AGC1	88-0001	41108	¼" x 1 ¼" long	5	10
AGC2	88-0002	41110	¼" x 1 ¼" long	5	10
AGC3	88-0003	41112	¼" x 1 ¼" long	5	10
AGC4	88-0004	41114	¼" x 1 ¼" long	5	10
AGC5	88-0005	41116	¼" x 1 ¼" long	5	10
AGC7.5	88-0006	41118	¼" x 1 ¼" long	5	10
AGC10	88-0007	41120	¼" x 1 ¼" long	5	10
AGC15	88-0008	41122	¼" x 1 ¼" long	5	10
AGC20	88-0009	41124	¼" x 1 ¼" long	5	10
AGC25	88-0010	41126	¼" x 1 ¼" long	5	10
AGC30	88-0011	41128	¼" x 1 ¼" long	5	10

**AGX Glass Fuses:**

AGX20	88-0012	41130	¼" x 1 ¼" long	5	10
AGX30	88-0013	41132	¼" x 1 ¼" long	5	10

**SFE (Society of Fuse Engineers) Glass Fuses:**

SFE4	88-0014	41134	¼" x 5/8" long	5	10
SFE6	88-0015	41136	¼" x 3/4" long	5	10
SFE7.5	88-0016	41138	¼" x 7/8" long	5	10
SFE9	88-0017	41140	¼" x 7/8" long	5	10
SFE14	88-0018	41142	¼" x 1 1/16" long	5	10
SFE20	88-0019	41144	¼" x 1 ¼" long	5	10
SFE30	88-0020	41146	¼" x 1 1/16" long	5	10

**ATO™ (ATC) Fast-Acting Plug-in Blade Auto Fuses (SAE J1284):**

ATO3	88-0021	41148	Violet	5	20
ATO4	88-0022	41150	Pink	5	20
ATO5	88-0023	41152	Tan	5	20
ATO7.5	88-0024	41154	Brown	5	20
ATO10	88-0025	41156	Red	5	20
ATO15	88-0026	41158	Blue	5	20
ATO20	88-0027	41160	Yellow	5	20
ATO25	88-0028	41162	Clear	5	20
ATO30	88-0029	41164	Green	5	20

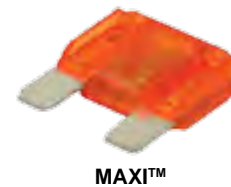
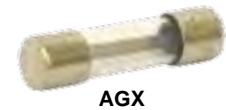
**MINI™ (ATM) Fast-Acting Miniaturized Plug-in Blade Fuses (SAE J2077):**

MIN2	88-0030	41166	Gray	5	20
MIN3	88-0031	41168	Violet	5	20
MIN4	88-0032	41170	Pink	5	20
MIN5	88-0033	41172	Tan	5	20
MIN7.5	88-0034	41174	Brown	5	20
MIN10	88-0035	41176	Red	5	20
MIN15	88-0036	41178	Blue	5	20
MIN20	88-0037	41180	Yellow	5	20
MIN25	88-0038	41182	Clear	5	20
MIN30	88-0039	41184	Green	5	20

**MAXI™ Slo-Blo Hi-Temp. Plug-in Blade Fuses (SAE J1888):**

MAX20	88-0040	41186	Yellow	1	10
MAX30	88-0041	41188	Green	1	10
MAX40	88-0042	41190	Orange	1	10
MAX50	88-0043	41192	Red	1	10
MAX60	88-0044	41194	Blue	1	10
MAX70	88-0045	41196	Tan	1	10
MAX80	88-0046	41198	Natural	1	10

**Appearance**



**Fuse Kit**



\* ATO, MINI & MAXI are registered trademarks of Littlefuse, Inc.

## Circuit Breakers



SAE Snap-in Type  
(metal)



Horizontal Bracket  
(plastic)



Horizontal Bracket  
(metal)



Plug-in Type



Fuse Clip Type

Amperage	Part No.	Stk. Code	Part No.	Stk. Code	Part No.	Stk. Code	Part No.	Stk. Code	Part No.	Stk. Code
5			661-5	41082						
8	660-8	41050								
10	660-10	41031	661-10	41052	661-10M	41055	664-10	41099	663-10	41093
15	660-15	41033	661-15	41056	661-15M	41059	664-15	41100	663-15	41094
20	660-20	41036	661-20	41061	661-20M	41064	664-20	41101	663-20	41095
25	660-25	41040	661-25	41066	661-25M	41069	664-25	41103	663-25	41096
30	660-30	41042	661-30	41070	661-30M	41073	664-30	41104	663-30	41097
35			661-35	41075					663-40	41098
40	660-40	41045	661-40	41077	661-40M	41080				
50	660-50	41048	661-50	41083	661-50M	41086				

All Circuit Breakers are 12 volt.

Series 660 and 661 are self resetting breakers.

Series 663 must be disconnected from power source to reset. Replace fuses.

Series 664 breakers are a Universal plug-in mounted breaker. Legs snap off to accommodate various truck installations.

## In-Line Fuses



- Holds AGC style fuses
- Heavy wall 16 gauge wire
- Threaded cap and body for positive locking

Part No.	Stk. Code	Fuse Amperage
5020	41010	N/A
5020-20	41012	20 Amp
5020-30	41014	30 Amp



- Extra heavy wall 14 gauge
- Holds 664-xx type circuit breakers
- Accepts standard ATO style fuses

Part No.	Stk. Code	Fuse Amperage
5030	41015	N/A
5030-20	41424	20 Amp
5030-30	41384	30 Amp

**Flashers**

- Variable load: Allows constant flash rate even when the number of lamps varies
- Not polarity sensitive, 12V operating voltage
- Lamp rating: 1 - 20
- Amp rating: 20 - 45
- Flash rate: approximately 80 - 90 fpm
- Universal design, can be used on a number of vehicle applications, from passenger cars to Class 8 vehicles pulling a single trailer
- Meets or exceeds DOT J590/J945 and FMVSS108. Alternating flasher meets or exceeds FMVSS CODE J1054
- Expected life in excess of a million flashes



**Part No. 19-65102**  
**Stk. Code 41001**



**Part No. 19-65103**  
**Stk. Code 41002**



**Part No. 19-65122**  
**Stk. Code 41004**



**Part No. 19-65163**  
**Stk. Code 41007**

Part No.	Stk. Code	LAMPS	AMPS	PRONGS
19-65102	41001	10	20	2
19-65103	41002	10	20	3
19-65122	41004	12	25	2
19-65123	41005	12	25	3
19-65162	41006	16	35	2
19-65163	41007	16	35	3
19-65202	41008	20	45	2
19-65203	41009	20	45	3
19-6510A*	41003	20	25	3

\* Alternating flasher, 10 lamps per side

**Circuit Breakers**

**150 amp Circuit Breaker**

- Manual button cuts off power from battery to rest of the unit
- Rating: Type III, 150 A, 30VDC
- Operating temperature: -25°F (-32°C) to 160°F (82°C)
- Complies with SAE Standard J1625
- Surface mount

Part No.	Stk. Code	Amperage
559-150MS	41029	150
558-100	41339	100
558-120	41340	120
558-50	41425	50
558-60	41027	60
558-80	41236	80

