

# 2016 Rule Changes

## Hornets

### Section 1:

1. No Honda Del Sol or CRX cars.

## Power Stock

### Section 6: 602 GM Crate Motor

1. Must be purchased NEW from a GM dealer. Furlong Chevrolet in Northfield or Suburban Chevrolet in Eden Prairie are recommended.
2. **IMPORTANT:** Motors may NOT be rebuilt or repaired.
3. Inspection plug in the oil pan is mandatory. **Only** Murgic's Auto is authorize to perform this work and will reseal the pan with their seals.
4. Exhaust and carburetor rules are the same as 2015.
5. Mr. Gasket carburetor adapter, part # 1932, must be used with a Quadrajet carburetor.
6. Upper and lower gaskets may be up to .065" thick each.
7. MSD Soft Touch rev control, part #8727CT must be used. Max 6400 RPM.
8. Pump premium fuel only. **NO RACE FUEL.**
9. 100 pound weight break with a Crate Motor. Percentages will remain the same.
10. Valve spring and rocker arms may be replaced as maintenance items, and must be GM OEM per 'Circle Track Crate Engine Technical Manual'.
11. Parts list – Retail prices:
  - a. MSD Soft Touch Rev Control. Part #8727CT \$157.95
  - b. External balance Flex-plate required.
  - c. Schoenfield headers. Part #135 or #145 \$250.00
  - d. Holley 650HP carb. Part # 80541-1 \$800.00
  - e. R&R Oil Pan – Install Inspection Plug \$200.00

### Section 13:

1. Maximum rate: 900 lbs. per inch.
2. Spacer height must be the same side to side on the front. Rear spring space height may be different in the rear.

### Section 15:

1. One brake bias adjuster allowed.

### Section 18:

1. See weight chart for official weight. (2015 percentages will remain unchanged for 2016.)
  - a. 3400 lbs. for 350 CID
  - b. 3000 lbs. for 305 CID.
2. Weight will be with driver in the car. (See weighing of cars rule change in 'General' section below.)

# Thunder car

**Section 5:** The roll cage must be securely fastened to the OEM frame. Minimum halo width is 35". Front frame clip may be replaced with a DCA clip. DCA serial number required.

**Section 6:** 602 GM Crate Motor

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2. **IMPORTANT:** Motors may NOT be rebuilt or repaired.
3. Inspection plug in the oil pan is mandatory. **Only** Murgic's Auto is authorize to perform this work and will reseal the pan with their seals.
4. MSD Soft Touch rev control, part #8727CT must be used. Max 6400 RPM.
5. Pump premium fuel only. **NO RACE FUEL.**
6. 100 pound weight break with a Crate Motor. Percentages will remain the same.
7. Valve spring and rocker arms may be replaced as maintenance items, and must be GM OEM per 'Circle Track Crate Engine Technical Manual'.
8. Holley 650HP series 4150, part #80541-1 only.
  - a. Must be as manufactured.
  - b. Re-jetting is allowed.
  - c. All parts must be Holley OEM.
9. One carb base gasket – max .250" thick. **NO** spacer plates allowed.
10. Schoenfield headers, part #135 or #145 only.
11. Parts list – Retail prices:
  - a. MSD Soft Touch Rev Control. Part #8727CT \$157.95
  - b. External balance Flex-plate required.
  - c. Schoenfield headers. Part #135 or #145 \$250.00
  - d. Holley 650HP carb. Part # 80541-1 \$800.00
  - e. R&R Oil Pan – Install Inspection Plug \$200.00

**Section 10:**

1. 2" Aluminum carb space not allowed. Phenolic carb spacer only.

**Section 15:**

1. Howe cast iron stock type single piston front calipers allowed.

## SLM / Big 8:

**Section 2:**

1. 604 Crate Engine
  - a. 1.6:1 Ratio rocker arms.
    - i. GM Valves spring: Kit # 12586484
    - ii. Comp Cams spring: Kit # 941-16
  - b. Champ oil pan: part # CP106LTRB
  - c. SFI Approved small balancer.
  - d. Aluminum carb space; 1" thick; 1 paper gasket per side max .065" thick.
  - e. 4 hole or open spacer with no radius or taper.
  - f. Model 4150 Holley 650HP carburetor, part # 80541-1. Must be run as manufactured.
    - i. All replacement parts must be Holley installed as manufactured.
  - g. 1 ignition box on the right side of the dash out of reach of the driver.
    - i. 6300 RPM chip.
    - ii. RPM control must work at all times.
  - h. All internal repair or replacement parts must be GM original.
  - i. All part numbers for pistons, rings, camshafts, etc. are listed in the GM Circle Track Crate Engine Technical Manual.
  - j. Oil pan inspection plug is mandatory.
  - k. Murgic's Automotive, Rosemount, MN is authorized to R & R oil pan and reseal with their seals.
  - l. Headers and exhaust per Big 8 or SLM rules.
  - m. 2" motor set-back.

## **SLM Tire Rule:**

### **Paragraph C:**

1. Change quantity from three to two.

## **SLM / Big 8 Tire Rule:**

### **Paragraph D:**

1. After the fourth completed Race Night, competitors that have not purchased the maximum rotation tires, may purchase one tire on non-tire nights until they have the maximum number of tires in rotation.

## **General Rules:**

### **Section 12: Paragraph F.**

1. Elko will begin using the receiver default frequency of 454.000 MHz in 2016.

### **Section 6:**

1. (Add) 'Must compete in 75% of Completed Race Nights to be eligible for Rookie status.'
2. (Remove) 'This includes Elko Speedway or any other racing facility.'

### **Section 7:**

1. (insert) Alternative car/engine combinations may be allowed with a Tech Officials 'prior' approval for test purpose, to be run a maximum of 2 events per season.

### **Weighing of cars: All divisions:**

1. Driver must remain sitting upright and still.
2. Steering wheel must be on the steering shaft.
3. Driver's hands must be holding the steering wheel.
4. Helmet must either be on the driver's head or in the drivers lap.