

## EWSC Late Model Rules for 2009

(As of 11/27/2008)

All General Track Rules apply. Please refer to General Track Rules section for car number requirements, appearance guidelines, start time, cage requirements, etc. **Race teams not complying with general rules will not be allowed to compete. Rules violations are in parentheses and listed in the general track rules.**

### Engines

All engines must be approved by series officials

#### **1. EWSC (F)**

- A. Flat tappet" engines "wet sump" only.
- B. 362 cubic inch maximum.
- C. Cast iron block.
- D. Cast iron head - stock valve angle + or - 1 °
- E. Flat tappet camshaft.
- F. No titanium or aluminum rods.
- G. Up to 10" set back \*\*Cars that raced with EWSC in 2006 under EWSC rule, will be grandfathered.
- H. 2200 lbs
- I. 12" spoiler
- J. Only grandfathered cars allowed. No new cars built to this spec will be allowed.

#### **2. WISSOTA: (F)**

- A. Steel or spec aluminum "headed" engine.
- B. 362 cubic inch maximum.
- C. Cast-iron block.
- D. Cast iron heads or aluminum spec heads.
- E. All heads - no removal of material.
- F. Stock valve angle + or - 1 °.
- G. Chevy "Bowtie"/ World Products Sportsmen II No. 1115 casting # 1-037 (refer to WISSOTA book for clarification).
- H. Chrysler WZ heads.
- I. Ford SVO heads M-6049-E-351, M-6049-N-351.
- J. Aluminum heads - Brodix Spec heads
- K. Chevy - SPCH WISSOTA
- L. Ford - SPFO WISSOTA

M. Mopar - SPMO – WISSOTA

N. Up to 10 " setback

O. 2300 lbs.

P. 8" spoiler.

**3. WISCONSIN DIRT LATE MODEL ASSOCIATION: (F)**

A. Any engine meeting the following guidelines shall be defined as a "SPEC" engine and shall run @ 2250 lbs . Spoiler blade of 10" shall be allowed. SPEC engines shall be available for inspection at any time.

1. Block Steel, Max. bore of 4.060 , 362 CID max.

2. NO BIG BORE SHORT STROKE ENGINES ALLOWED

3. Crankshaft & Rods - No titanium or aluminum allowed ! Any combination allowed that keeps CID@362 or less with a maximum bore size of 4.060. No undercut or scalloped crankshafts allowed. 1" inspection plug required in oil pan. Plug must be in-line with a crankshaft journal & cannot be obstructed by the windage tray. Plug should be accessible with the engine installed in the racecar.

4. Heads Brodix 11SPX-SUPR. (SUPR Logo must be un-altered)

5. No Titanium valves.

6. Intake Brodix HV1000 (SUPR Logo must be un-altered)

7. Pistons & Compression: 10.9:1 Must use Flat Top pistons, Zero Deck.

8. Single 4 barrel carburetor for all engines.

9. Intake ports may be matched to Fel Pro 1206 Gasket refer to SUPR rule book for more information.

**4. OPEN ENGINE COMBINATIONS: and all engines over 362 CID (F)**

A. 8" maximum setback.

B. 2350 lbs.

C. 8" spoiler, 44" total.

**5. CRATE: (F)**

A. Crate motor cars will run same body rules as other classes.

B. Crate motor minimum weight is 2150 lbs.

C. 12" spoiler allowed (check side board drawing).

D. Deck 36" - 12" spoiler 48" total

E. Factory sealed motors only

**Body & Chassis**

Any UMP, WDRL, WISSOTA or EXTREME legal combination allowed, rear deck height 38" (B)(C)

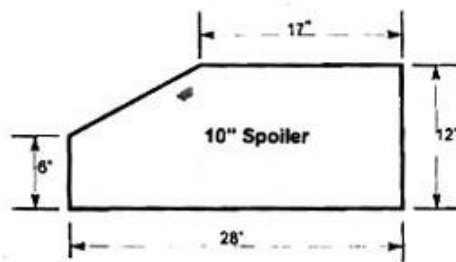
WISSOTA & UMP - spoiler 8" total 44"

SUPR - spoiler 10" total 46"

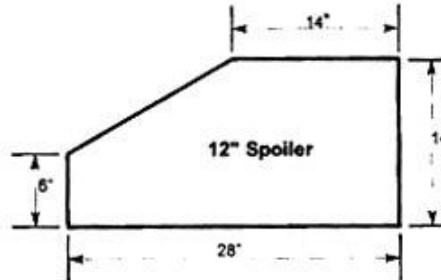
Crate – spoiler 12" total 48"

## SPOILER TEMPLATE

Template size for 10" spoiler per drawing:



Template size for 12" spoiler per drawing:



### Wheelbase (B)(C)

The minimum average wheelbase permitted will be 103" (to check turn steering wheel until left side measures 103" – do not touch wheel and check right side – should measure 103" minimum.

### Tires (F)

1. **1. D55's all the way around** – must be approved by series officials.
  - A. NO OPEN COMP 55's.
  - B. Grooving and Siping OK, check with Durometer
  - C. WISSOTA D-55
  - D. D55 WRS (WDRL tire) & WRS II pre grooved
  - E. D55 Hoosier (economy)

### Mufflers

Mufflers required: Schoenfeld #112535 (for all WDLMA Shows) (**See EWSC General Track Rules for Noise Violations**)

### Miscellaneous

1. DESIGNATE IF CAR IS BURNING ALCOHOL WITH LETTER "A" ON WINDOW POST OR ROOF ON BOTH SIDES
2. NO RUB RAILS ALLOWED
3. CAR NUMBERS – In addition to number on each side, four inch numbers should be displayed on the nose of the car. The weight of the car must be displayed on both sides of the windshield posts.