



2014

600 Modified

RULES AND REGULATIONS

This is the release of the official '2014 600 MODIFIED CAR REQUIREMENTS AND RULES' package

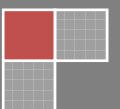


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2014

600 MODIFIED CAR

REQUIREMENTS AND RULES

- **ALL CARS MUST REMAIN STOCK FROM XCEL CHASSIS**
- * INTERPRETATION OF RULES WILL BE AT THE DISCRETION OF TECHNICAL INSPECTOR. ALL DECISIONS BY 600 MODIFIED OFFICIALS WILL BE FINAL. IF THE RULES DO NOT STATE YOU CAN DO SOMETHING, ASSUME THAT YOU CAN NOT.
- OFFICIALS HAVE THE RIGHT TO CHECK ANYTHING ON ANY CAR AT ANY TIME
- OFFICIALS HAVE THE RIGHT TO AMEND ANY RULE AT ANY TIME FOR THE BETTERMENT OF THE SERIES

HOOSIER TIRES

RF 57-6.5-10
60-7-10
LF 57-6.5-10
60-7-10
RR 63-120-10
LR 60-7-10

- ALL TIRES MUST HAVE XL STAMP
- FRONT TIRES MUST MATCH IN SIZES. NO MIXING OF SIZES ALLOWED.
- FRONTS AND LR D20 COMPOUND, 42 DUROMETER
- RR D25 COMPOUND, 48 DUROMETER
- RF, LF, LR MUST STAY STOCK
- NO GRINDING OF TIRES AT TRACK. IF YOU DO YOU WILL START IN THE REAR
- YOU CAN SIPE RR TIRE ONLY. ONLY 4 SIPES PER BLOCK
- REGROOVE RR ONLY IN STOCK GROOVES WITH #2 BIT IN GROOVING IRON
- LR OFFSET: OUTSIDE LR TIRE TO FRAME AT BOTTOM INNER RUB RAIL 18 INCH MAXIMUM

RIMS

- FRONT AND LEFT REAR 7 ½ INCH WIDE MAXIMUM
- FRONT 3 INCH OFFSET ONLY
- RIGHT REAR 8 ½ INCH WIDE MAXIMUM
- NO DOUBLE BEAD LOCKS
- NO ALUMINUM OR TITANIUM BOLTS IN BEADLOCK RINGS OR HUBS
- ALL BOLTS MUST BE IN WHEELS *8* BOLTS AND NUTS
- NO PLASTIC OR CARBON FIBER WHEELS
- NO BLEEDERS OF ANY STYLE
- LR OFFSET: OUTSIDE OF LR TIRE TO FRAME BY LOWER INNER RUB RAIL 18 INCH MAXIMUM

HUBS

- ALUMINUM ONLY

SPINDLES

- STEEL SNOOT, 4 BOLTS TO HOLD STEERING ARM ON XCEL SPINDLES OR NEW XCEL SPINDLES & ARMS

STEERING

- MUST BE RACK AND PINION STEERING FROM XCEL CHASSIS
- NO ALUMINUM STEERING SHAFTS
- NO ALUMINUM U-JOINTS

FUEL CELL

- MUST BE STOCK FROM XCEL CHASSIS

WEIGHT

- MINIMUM WEIGHT WITH DRIVER IS 900 POUNDS AFTER EACH RACE IS OVER
- WEIGHTS MUST BE BOLTED WITH 5/16 BOLTS AND LOCK NUTS
- WEIGHTS MUST BE PAINTED WHITE AND HAVE CAR NUMBER ON EACH ONE USED

GEAR

- OPEN, 520 CHAIN
- FRONT GEAR AND CHAIN MUST BE STEEL

RADIATOR

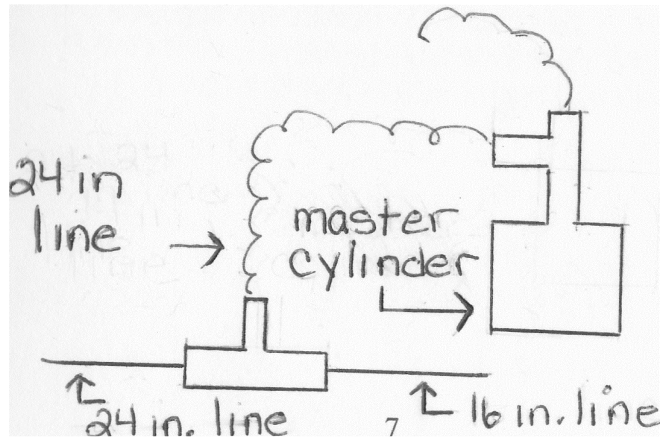
- STOCK FROM MOTORCYCLE ONLY
- CUSTOM FROM XCEL CHASSIS ONLY
- NO EXCEPTIONS WILL BE MADE

REAR BRAKES

- 2 PISTON CALIPER ONLY
WILWOOD #120-4062
AFCO #6630410
- ONE REAR BRAKE
- 10" MAXIMUM DIAMETER BRAKE
DISC WITH 4 BOLT MOUNTING HUB
- 5/16 THICK MAXIMUM
- 3/4 IN. MASTER CYLINDER
WILWOOD # 2606764
US BRAKE # 201-1512

FRONT BRAKES

- NO PROPORTIONING VALVES
- XCEL CHASSIS CALIPERS ONLY
- 1/8 THICK ROTOR
- BRAKE LINE MASTER CYLINDER
- T, 24 IN. LINE TO FRONT AXLE
- T, 24 IN. LINE TO RIGHT SIDE
- 16 IN. LINE TO LEFT SIDE



BELLY PAN

- FRONT MUST STOP AT STEERING BOX
- BACK MUST STOP AT BAR WITH SERIAL NUMBER ON IT
- BELLY PAN MUST BE ON TOP OF FRAME RAILS

GAUGES

- TACK IS ONLY GAUGE THAT CAN BE HOOKED UP TO WIRING HARNESS
- 3 GAUGES IN A CAR : OIL PRESSURE, WATER TEMPATURE AND TACHOMETER

BIRD CAGES

- ALL SINGLE BEARING BIRD CAGES AND NEW RR DOUBLE BEARING BIRD CAGES MUST COME FROM XCEL CHASSIS ONLY

ENGINE

- STOCK FROM MOTORCYCLE INCLUDING: INJECTORS, CLUTCH, SPARK PLUGS AND BLACK BOX
 - * SUZUKI STOCK # NGK CR9E
 - * HONDA STOCK #NGK IMR9C9H
- ALL ENGINES AND WIRING HARNESS MUST COME FROM XCEL CHASSIS
- ALL REBUILDS ARE DONE BY XCEL CHASSIS
- NO POWER COMMANDERS
- ALL ENGINES MUST HAVE 2 SEALS DONE BY XCEL CHASSIS. IF THEY ARE NOT SEALED, YOU ARE DISQUALIFIED
- IF SEAL IS TAMPERED WITH, IN ANY SHAPE OR FORM, YOU ARE DISQUALIFIED
- NO AFTER MARKET DEVICES
- * HONDA CBR 600 ONLY 2000-2006
- * SUZUKI GSXR 600 ONLY 2000-2007
- 599CC - NO CLEAN UP
- "HONDA" STOCK FUEL REGULATOR ONLY
- "SUZUKI" KINZLER ADJ. HIGH SPEED BYPASS
- NO PILL BLOCK
- 12 VOLT BATTERY ONLY
- ALL WIRING HARNESSES MUST BE REMOVABLE
- TACK WIRE MUST BE ACCESSIBLE TO OFFICIALS AT ALL TIMES

ENGINE CLAIMER POLICIES

- TO CLAIM AN ENGINE THE COST IS \$1250.00
- ONLY OWNERS ARE ALLOWED TO CLAIM A COMPETITORS ENGINE
- AN OWNER CAN ONLY CLAIM ONE ENGINE A NIGHT
- TO CLAIM ENGINE, OWNERS CAR MUST HAVE FINISHED 7TH OR BETTER IN THAT NIGHTS FEATURE
- IF ENGINE IS CLAIMED, IT WILL BE PULLED THAT NIGHT CLAIMER IS MADE
- OWNER CAN ONLY CLAIM THE SAME MAKE AND MODEL ENGINE THAT THEIR CAR IS RUNNING
- IF OWNER REFUSES THE CLAIM, THEY ARE SUSPENDED UNTIL ENGINE IS GIVEN TO XCEL CHASSIS
- THE ENGINE THAT IS GETTING CLAIMED MUST HAVE FINISHED IN THE TOP 7 FOR THAT NIGHTS FEATURE
- IF ONE ENGINE GETS CLAIMED MORE THAN 2 TIMES IN ONE YEAR, THAT ENGINE WILL COME BACK TO XCEL CHASSIS TO GET TECHED
- XCEL CHASSIS HAS THE RIGHT AT ANY TIME TO CLAIM OR TECH ENGINE AND WILL BE DONE AT TRACK

WHEEL BASE

- 66 1/4 MINIMUM TO 67 3/4 MAXIMUM

BUMPERS & NERFS

- MUST BE STEEL AND STOCK FROM XCEL CHASSIS - .065 MINIMUM AND .095 MAXIMUM THICK WITH 1 INCH DIAMETER

MUFFLER

- * BEYEA PART # XCEL

EXHAUST

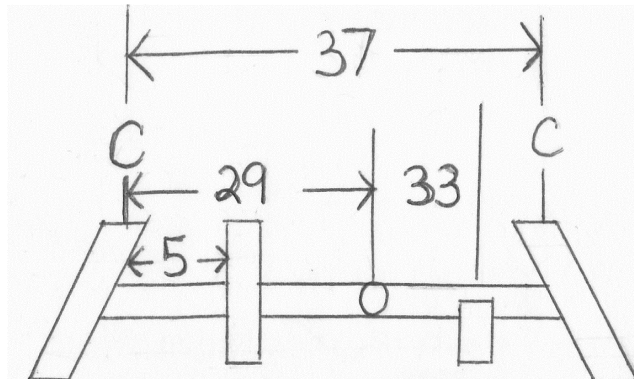
- MUST BE STOCK FROM XCEL CHASSIS ONLY

RADIUS ROD

- * RF 11
- * LF 10 ½
- * RR 14 ¾
- * LR 13 ¾
- FRONT PAN HARD BAR 18 ¼
- BACK PAN HARD BAR 21 ½
- BACK PAN HARD BAR 23
- NO SPRING RODS
- NO BUMP RUBBER RODS

FRONT AXLE

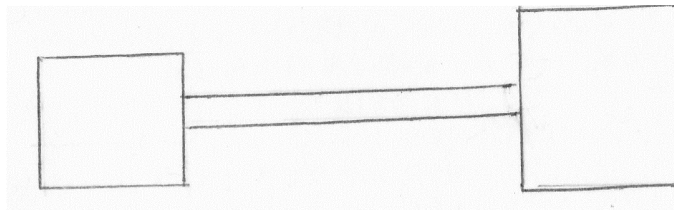
- MUST HAVE XCEL CHASSIS PLATE ON AXLE
- ONE PIECE STEEL AXLE
- REFER TO DIAGRAM BELOW



WHEEL WIDTH

- 63 INCH MAXIMUM
- REFER TO DIAGRAM BELOW

[-----63-----]



FUEL

- PUMP GAS ONLY – 93 OCTANE MAX
- MUST BE 10% ETHANOL
- NO MENTHANOL
- NO ADDITIVES
- NO RACE FUEL

FUEL PUMP

- * MALLORY # 4060FI
- HOLLY RED
- * WALBRO (MUST HAVE XCEL STAMP)
- FUEL PRESSURE 43 TO 51 FOR HONDA AND SUZUKI
- BLUE HIGH PRESSURE FUEL LINE ONLY

NUMBERS & LETTERS

- MUST RESERVE CAR NUMBER WITH DOUG
- MUST BE DISPLAYED ON THE ROOF, BOTH SIDES OF CAR AND ON THE BACK
- SIZE MUST BE 16 INCHES IN HEIGHT FOR TOP AND SIDES
- LETTERS IN FRONT OR BACK OF NUMBER MUST BE 8 INCHES IN HEIGHT FOR TOP AND SIDES

SHOCKS

- BILSTEIN XCEL #1
- 6 INCH STEEL SMALL BODY AFCO 15 SERIES
 - * 1562
 - * 1562-4
 - * 1563
 - * 1563-1
 - * 1564
- 6 INCH STEEL PRO SHOCK SB SERIES
 - * PROSB62
 - * PROSB62-4
 - * PROSB63
 - * PROSB63-1
 - * PROSB64
- BY START OF 2014 SEASON
MUST RUN 2 BILSTEINS ON ANY CORNER OF CAR
- BY START OF 2015 SEASON
ALL XCEL CHASSIS CARS MUST HAVE 4 BILSTEIN SHOCKS ON CAR
- NO CUTTING SHOCKS APART AND CHANGING VALVES
- NO SPRING SHIMS OR SPACERS
- SHOCK EXTENSION IS 1 INCH ONLY – BACK ONLY
- 4 INCH THREADED TUBE COIL KIT
- ONLY 4 SHOCKS PER CAR
- NO BUMP RUBBERS

SPRINGS

- OPEN
- ONLY ONE SPRING PER SHOCK
- ONLY 4 SPRINGS PER CAR
- 1 7/8 DIAMETER SPRING ONLY
- NO BARREL SPRINGS

QUALIFYING

- DRIVER QUALIFIES TO RACE
- THE DRIVER CAN ONLY SIGN IN ONE CAR
- IF SOMETHING HAPPENS IN HEAT RACE, DRIVER CAN RUN BACK UP CAR IN B-MAIN
- DOUG MUST BE INFORMED OF CHANGE
- THE LAST CAR YOU DRIVE IN THE ONE YOU MUST RACE

BODY

- MUST COME FROM XCEL CHASSIS
- 6 – 2 ½ INCH HOLES LF BOTTOM DOOR
“ AIR FOR ENGINE ”
- HOLE IN HOOD FOR AIR 1 ¼ INCH BY 6 ¼ MAXIMUM
- OPTIONAL LOUVERS FOR AIR BOX
2 ROWS OF 10 – 3 INCH LOUVERS
- NO SKIRTING BELOW FRAME IN FRONT OR ON BOTH SIDES

POINT SYSTEM

- POINTS WILL BE AWARDED TO DRIVERS ONLY
- TOP 9 DRIVERS FROM HEATS WILL REDRAW FOR STARTING POSITION
- TOP THREE FROM EACH HEAT RACE ARE SUBJECT TO INVERSION
- TOP THREE ADVANCE TO FEATURE
- TOP 20 DRIVERS IN POINT FROM LAST SEASON WILL RECEIVE 1 PROVISIONAL FOR THE CURRENT YEAR
- IF PROVISIONAL IS USED, DRIVER WILL RECEIVE EARNED POINTS AND TOW MONEY FROM THAT NIGHTS EVENT
- PROVISIONAL DRIVERS MUST ATTEMPT TO QUALIFY THRU HEAT RACE TO BE ELIGIBLE TO USE PROVISIONAL FOR FEATURE RACE
- FEATURE POINTS WILL BE AS FOLLOWS:
 - 1 - 150
 - 2 - 145
 - 3 - 140
 - 4 - 135
 - 5 - 130
 - 6 - 125
 - 7 - 120
 - 8 - 115
 - 9 - 110
 - 10 - 105
 - 11 - 100
 - 12 - 98
 - 13 - 96
 - 14 - 94
 - 15 - 92
 - 16 - 90
 - 17 - 88
 - 18 - 86
 - 19 - 84
 - 20 - 82
 - 21 - 80
 - 22 - 78
 - 23 - 76
 - 24 - 74
 - 25 AND DOWN - 50

ROOKIES

- ALL ROOKIES MUST HAVE "ROOKIE" DISPLAYED ON BACK DECK
- ALL ROOKIES SHALL START AT THE REAR FOR A MINIMUM OF 5 EVENTS
- ALL ROOKIES MUST HAVE 8 OUT OF 10 DRIVER SIGNATURE APPROVAL TO RECEIVE HANDICAPPED STARTING POSITION

FEATURE RACE

- THE WINNER FROM THE LAST RACE WILL START NO BETTER THAN 9TH POSITION AT THE NEXT WEEK FEATURE THEY ATTEND
- 2 OR MORE WINNERS IN ONE NIGHT WILL START 9TH AND DOWN WITH THE MOST RECENT WINNER IN 9TH

AIR BOX

- STOCK FROM XCEL CHASSIS
- NO AIR INDUCTION AND NO RAM AIR
- AIR FILTERS MUST BE
 - GREEN – # 2004
 - K & N - # 33/2084
 - #33/2018
 - TWIN AIR - # XCEL CHASSIS

FRAME

- ALL CHANGES TO FRAME MUST BE IN LETTER FORM EXPLAINING REASONS FOR CHANGES. XCEL WILL STAMP IT AFTER APPROVAL AND MUST BE WITH YOU AT ALL TIMES
- MUST REMAIN STOCK FROM XCEL CHASSIS
- NO CUTTING BARS
- NO ADDING BARS
- NO MOVING OF BARS TO DIFFERENT SPOTS
- ENGINE MUST REMAIN STOCK POSITION FROM XCEL CHASSIS
- ALL CARS MUST HAVE ROCK SCREEN ON FRONT FOR DRIVERS SAFETY

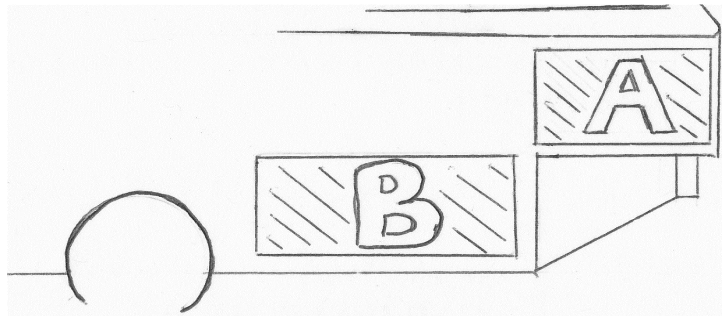
2011 OR NEWER CARS AND CARS THAT GET 2011 UPDATES

- BATTERY IS IN BACK OF CAR
- UPDATES CAN BE DONE BY XCEL CHASSIS ONLY
- ALUMINUM ENGINE PLATES MUST BE FROM XCEL CHASSIS

SPONSOR STICKERS

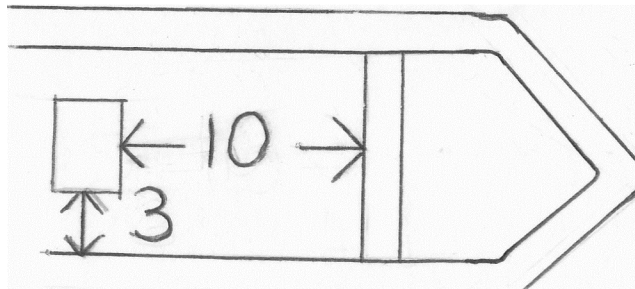
- ALL SPONSOR STICKERS MUST BE IN AREA A OR B ON RIGHT AND LEFT DOOR TO RECEIVE ANY AND ALL AWARDS AT SEASONS END

FOLLOW DIAGRAM BELOW



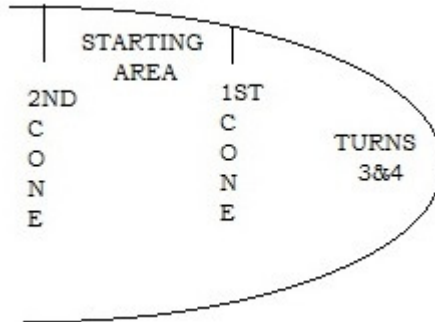
TRANSPONDER

- TRANSPONDER NUMBER MUST BE REGISTERED WITH DOUG
- MUST MEET MOUNTING SPECIFICATIONS AS SHOWN BELOW



STARTS AND RESTARTS

- ON RESTARTS, THE LEADER HAS CHOICE OF INSIDE OR OUTSIDE
- THE LEADER STARTS RACE AND MUST START IN BETWEEN TWO CONES
- THERE WILL TWO CONES, DRIVER CAN NOT PASS UNTIL DRIVER REACHES 2ND CONE



CAR INSPECTIONS

- ALL CARS MUST BE INSPECTED BY XCEL CHASSIS BEFORE CAR IS PERMITTED TO RACE
- A CAR NOT INSPECTED WILL BE DISQUALIFIED UNTIL CAR IS INSPECTED BY XCEL CHASSIS

PIT AND TRACK BEHAVIOR

- AN OWNER IS RESPONSIBLE FOR THE CONDUCT OF THE CREW AND DRIVER AT THE TRACK
- ALL OWNERS, DRIVERS, CREW AND TEAM MEMBERS MUST ACT LIKE LADIES AND GENTLEMEN AT ALL RACE TRACKS
- ANY INDIVIDUALS WHO MAY GET INTO A FIGHT OR UNSEEMELY ARGUMENT AT THE TRACK SHALL BE IMMEDIATELY BE SUSPENDED FROM THE DAYS OR NIGHTS EVENTS AND ALSO MAY RECEIVE A FINE AND A 2 TO 4 RACE SUSPENSION IMPOSED UPON THEM AT THE DISCRETION OF THE OFFICIALS
- ANY AND ALL ACTIONS, INCLUDING THE INTERNET, BY PERSON OR PERSONS RULED DETRIMENTAL TO THE SERIES, OFFICIALS, DRIVERS AND OWNERS WILL RECEIVE A \$75.00 FINE OR HIGHER ALONG WITH POSSIBLE SUSPENSIONS AND/OR WILL POSSIBLY RECEIVE A LIFE TIME BAN

PROTEST POLICIES

- ANY OWNER/DRIVER MAY FILE A PROTEST AGAINST ANOTHER OWNER/DRIVER FOR ANY INFRACTION OF THE RULES
- PROTEST MUST BE IN WRITING AND GIVEN TO DOUG BORGER, GENE BORGER, CHIP PRICE, RICH HITZLER, CHRIS MABY, AARON BOWES, BRIAN BRINKER
- \$150.00 MUST ACCOMPANY THE WRITTEN PROTEST
- \$50.00 OF PROTEST MONEY IS DISTRIBUTED TO THE POINT FUND
- IF FOUND ILLEGAL, PROTESTER RECEIVES THE REMAINING \$100.00 BACK AND PROTESTED CAR RECEIVES NO POINTS OR MONEY AWARDED THAT NIGHT
- IF FOUND LEGAL, ONLY THE PROTESTED CAR WILL RECEIVE THE REMAINING \$100.00

MISCELLANEOUS

- **** RACECEIVERS RADIOS ARE MANDATORY**
- TRANSPONDERS ARE MANDATORY
- 1 IN CAR CAMERA PER CAR AND CAN NOT FACE ANY SUSPENSION
- NO MAGNESIUM
- NO TITANIUM
- NO TRACTION CONTROL
- NO AIR SHIFTER
- NO DATA ACQUISITION SYSTEMS
- NO COCKPIT ADJUSTABLE DEVICES
- NO CARBON FIBER
- NO DRILLING BOLTS OUT OR HOLLOWING OF BOLTS
- NO RADIO COMMUNICATION IN CARS
- TOTAL OF 3 AIR DUCTS – 1 MUST BE FOR BRAKES
- NO ALUMINUM BOLTS
- RENTAL CAR OR ANY OUTSIDE DRIVER THAT IS NOT A REGULAR DRIVER WITH THE 600 SERIES WILL START IN THE BACK IN THE HEAT RACES AND WILL START NO BETTER THAN 10TH POSITION IN THAT NIGHTS FEATURE
- RENTAL CAR DRIVER GETS NO POINTS

ON TRACK MISCELLANEOUS

- **YOU CAN ONLY SHIFT ON STARTS AND RESTARTS, NO SHIFTING WHILE RACING**
- DURING A RACE IF YOU ARE SENT INTO THE PITS OR PULL IN YOURSELF, YOU WILL NOT BE ALLOWED BACK ON THE TRACK FOR THAT RACE
- 3 SPIN RULE:
IF YOU SPIN OUT WITH HELP 2 TIMES, ON THE THIRD TIME YOU WILL BE SENT TO THE PITS
- 2 SPIN RULE:
IF YOU SPIN BY YOURSELF 1 TIME. ON THE SECOND TIME YOU WILL BE SENT TO THE PITS
- IF YOU SPIN SOMEONE OUT IN THE FIRST THREE LAPS YOU WILL NOT BE ABLE TO PULL A PULL NEXT RACE YOU ATTEND
- IF YOU SPIN SOME ONE OUT, YOU WILL BE SENT TO THE REAR ALONG WITH THE PERSON YOU SPUN OUT
- IF THE PERSON YOU SPUN OUT CANNOT CONTINUE THE RACE YOU WILL BE SENT TO THE PITS
- IF THE PERSON YOU SPUN OUT CAN NOT CONTUNUE THE NIGHT YOU WILL NOT BE ALLOWED TO ALSO
- IF A CAR FLIPS OR LANDS ON ITS SIDE, THAT CAR IS FINISHED FOR THAT RACE
- IF YOU HAVE A FLAT TIRE ON ANY CORNER OF THE CAR, YOU WILL BE TOLD TO GO TO THE PITS
- ROUGH RIDING WILL NOT BE TOLERATED
- IF YOU UNBOLT AND GET OUT OF THE CAR ON THE TRACK YOU ARE FINISHED FOR THAT RACE

OFFICIALS

**DOUG BORGER
GENE BORGER**

REPRESENTATIVES

**CHIP PRICE
RICH HITZLER
CHRIS MABY
AARON BOWES
BRIAN BRINKER**