

NCCC Speed Events Groups & Classes *Classification Guidelines*

(All information taken from the 2008-2011 NCCC
Sanctioned Competition Programs manual)

Summary of “Groups”

Groups 1, 2, and 3 are the main classification categories for NCCC speed events, and range from Street/Stock up through Race Prepared. In general, any performance modifications will move a vehicle out of Group 1 and up to Group 2 or Group 3.

Group-1S (Street). This is a pure stock vehicle: engine, suspension, drive train, wheels, tires, etc. Aftermarket mufflers are allowed, if the same size as OEM. Most aftermarket Cat-Back systems are O.K. (unless the mufflers are not the same size as OEM). Any stock size air filter is allowed, including “performance” filters such as K&N. Stock size wheels (diameter and width) are required. Replacement tires are allowed, but must be stock size. Stock size brake components and style required. Brake enhancements are not allowed, other than brake fluid, however, any compound of brake pad is allowed. Aftermarket Z06 style brake ducts are allowed. T-tops may be removed. Roll bars are allowed. Beyond that, nothing else is allowed.

Group-1. Same restrictions as Group-1S, except non-stock tire sizes are allowed. However, stock wheel size (diameter and width) is still required.

Group-2. Allows for a variety of performance modifications, including the following: non-stock drilled and/or slotted brake rotors (stock size); high performance calipers (stock size) and/or pads; performance suspension springs; performance shocks (must use stock mounting points); larger anti-sway bars (sway bars cannot be removed); non-stock catalytic converters; non-stock size mufflers; exhaust headers; performance air intake system; battery relocated; aftermarket shifter; performance clutch/flywheel (not aluminum); aftermarket torque converter; performance engine computer tune; non-stock size wheels and/or tires (tires must have a universal wear rating of at least 110, and be DOT approved); performance axle ratio; racing style seat belts and harnesses; racing style / non-stock seats; most non-stock fiberglass or plastic body panel replacements or add-ons (does not include carbon fiber items); functional scoops.

Group-3. Allows for more aggressive performance modifications, such as: performance camshafts (non-GM OEM spec.); carbon fiber body panels; bored and/or stroked engine; performance intake manifold; aluminum performance clutch/flywheel. 3 inch lap and shoulder belts are required in this Group. Fire suit, gloves, etc, required for high speed events.

Notes:

1. Roll bars - are required for all roadsters (convertibles) in all Groups for all high speed events (does not include drags). NCCC does not consider drags to be high speed events. However, most commercial drag strips have rules requiring roll bars in cars with quarter mile times below a certain threshold (e.g. – 13.5 seconds).

2. Stock seat belts - are sufficient in Groups 1 and 2 for all events. However, 3 inch lap and shoulder belts are “encouraged” by NCCC for high speed events. Group 3 cars must have 3 inch lap and shoulder belts (but not necessarily 5pt, 6pt, or 7pt harnesses).
3. In Groups 1, 2, and 3, the passenger seat and other interior components cannot be removed.
3. Onboard fire extinguisher - is required for all high speed events, and must be mounted securely and within reach of the driver. Minimum rating is 5BC. Not required for low speed events (such as Autocross and Drag events).

Excerpt from the NCCC Sanctioned Competition Programs manual

2.6.3.1. GROUP-1S & GROUP-1 - MENS AND LADIES:

- CL - 1953 through 1962 -- All engines correct for year.
- A* - 1965 through 1974 with 396, 427 or 454 cid,
- B* - 1963 through 1972 with 327 or 350 cid over 300 hp or LT-1.
- C** - 1963 through 1968 with 327 cid 250 or 300 hp,
 - 1969 through 1970 with 350 cid 300 hp,
 - 1973 through 1980 with 350 cid L-82,
- D** - 1971 with 350 cid 270 hp,
 - 1972 through 1980 with 350 cid L-48,
 - 1980 with 305 cid LG4,
 - 1981 with 350 cid L-81,
 - 1982 with 350 cid L-83.
- E - 1984 with 350 cid L-83,
 - 1985 through 1991 with 350 cid L-98.
- F - 1990 through 1995 ZR-1 with 350 cid LT5.
 - 1987 through 1991 RPO-B2K Callaway Twin Turbo Corvette.
- G - 1992 through 1996 with 350 cid LT1,
 - 1996 with 350 cid LT4.
- H - 1997 through 2004 with 346 cid (5.7 liter) LS1.
- J - 1997 through 2004 with 346 cid (5.7 liter) LS6 (Z06).
- K - 2005 and newer with 364 cid (6.0 liter) LS2.
 - 2005 and newer with 364 cid (6.2 liter) LS3.
- M - 2005 and newer with 427 cid LS7 (Z06).
 - *Cars designated “A” and “B” shall be placed in a class designated “A/B” for purposes of competition, awards, and points.
 - ** Cars designated “C” and “D” shall be placed in a class designated “C/D” for purposes of competition, awards, and points.

2.6.3.2. GROUP-2 - MENS & LADIES

Note: See regulations, Section 2.7.3., for allowable year/engine substitutions.

- CL - 1953 through 1962 -- All engines correct for class.
- A* - 1965 through 1974 with 396, 427 or 454 cid
- B* - 1963 through 1972 with 327 or 350 cid over 300 hp or LT-1
 - 1973 through 1980 with 350 cid L-82
- C** - 1963 through 1968 with 327 cid 250 or 300 hp

- 1969 through 1970 with 350 cid 300 hp
 - D** - 1971 with 350 cid 270 hp
 - 1972 through 1980 with 350 cid L-48
 - 1980 with 305 cid LG4
 - 1981 with 350 cid L-81
 - 1982 with 350 cid L-83
 - E - 1984 through 1996 with 350 cid L-83
 - 1984 through 1996 with 350 cid L-98
 - F - 1984 through 1996 ZR-1 with 350 cid LT5
 - 1987 through 1991 RPO-B2K Callaway Twin Turbo Corvette
 - G - 1984 through 1996 with 350 cid LT1 or LT4
 - H - 1997 and newer with 346 cid (5.7 liter) LS1
 - J - 1997 through 2004 with 346 cid (5.7 liter) LS6 (Z06)
 - K - 2005 and newer with 364 cid (6.0 liter) LS2
 - 2005 and newer with 364 cid (6.2 liter) LS3.
 - M - 2005 and newer with 427 cid LS7 (Z06)
- *Cars designated "A" and "B" shall be placed in a class designated "A/B" for purposes of competition, awards, and points.
- ** Cars designated "C" and "D" shall be placed in a class designated "C/D" for purposes of competition, awards, and points.

2.6.3.3. GROUP-3 - MENS & LADIES

- CLM - 1953 through 1962 -- All Small Block Modified Classics
 - MA* - 1963 through 1982 -- All Big Block Modifieds
 - MB* - 1963 through 1982 -- All Small Block Modifieds
 - ME - 1984 through 1996 -- All Small Block Modifieds
 - MH - 1997 through 2004 -- All Small Block Modifieds
 - MK - 2005 and newer -- All Small Block Modifieds
 - RP - 1953 and newer -- All Race Prepared
 - All Big Block Classics and all Big Block 1984 and newer Corvettes.
 - All Group III RPO-B2K Callaway Corvettes MUST compete in RP.
 - RPAF - All altered frame (not counting reinforcing) Corvettes.
- *Cars designated "MA" and "MB" shall be placed in a class designated "MA/B" for purposes of competition, awards, and points.