

2017 NMRA RULE CLARIFICATIONS

9/12/2017

COYOTE STOCK & FACTORY STOCK

CLUTCH

Clutch and Flywheel meeting SFI Spec 1.1 or 1.2 is required. Diaphragm Pressure Plate assembly is required. Single Clutch Disc with a minimum of 10 inches in diameter is required. Factory style cable mechanism for clutch operation is required. 2005 and up Mustangs are allowed to retro---fit to the 79'---04' factory style cable mechanism. Clutch release must be manually operated by driver's foot. The use of electronics, pneumatics, hydraulics, or any other device is prohibited from affecting clutch system/operation. Unmodified Clutch Tamer is permitted.

Steel flywheel shield meeting SFI Spec 6.1 is mandatory. Flywheel shield cannot be modified for clutch adjustment and/or cooling holes.

5-31-17

2017 MIDEASON RULE CHANGES/CLARIFICATIONS – 5-31-17

POWER ADDER	COYOTE MODIFIED MAX CID	BASE WEIGHT
Nitrous (Up to 2 stages)	305	2700
Roots/TVS 2.3L	305	2950
Roots/TVS 2.65L	305	3050
Twin Screw 2.9L	305	3150
Turbo 68mm (T4 Housing & Flange)	305	3175
Turbo 76mm (T4 Housing & Flange)	305	3350
Twin Screw 3.6L	305	3250
Centrifugal Superchargers *	305	3300

BLOCK

Any OEM, Ford Racing, or NMRA approved cast aluminum block permitted

FUEL

Gasoline as outlined here is the only acceptable fuel for use in this eliminator. The NMRA reserves the right to check gasoline at any time during competition. Gasoline, as defined by the NHRA rulebook, is a mixture of hydrocarbons only. The average dielectric constant (D.C.) for the hydrocarbons that compromises gasoline is 2.025. This is defined as a reading of '0' on the fuel- check meter. NMRA allows no greater reading than a '0' on the fuel check meter. Failure to pass fuel check is grounds for disallowance of the run during competition and disqualification from the event during eliminations. No oxygenated fuel's permitted.

ENGINE	BASE CID	FACTORY STOCK BASE WEIGHT
4.6L 2V	289	2925
4.6L 3V	289	3000
4.6L 4V	289	3150
5.0L HO	311	2800
5.0L Coyote	305	3300

TIRES

FRONT: DOT and non-DOT tires are permitted. Front tires must have a minimum width of 4.5 inches.
REAR: Permitted drag radial sizes are 275/50/15, 275/60/15, & 275/40/17 from the following manufacturers/brands: BF Goodrich Comp T/A Drag Radial, BF Goodrich G-Force T/A Drag Radial,

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Nitto NT555R Drag Radial and M/T ET Street Radial. The following Mickey Thompson Pro Bracket Radial part numbers are permitted: 3352R, 3353R 3354R, and 3355R.
[26 x 8.5 bias-ply slick permitted.](#)

RENEGADE

UPHOLSTERY

Interior must maintain a factory upholstered appearance. OEM [type](#) dash board is required. Any aftermarket racing style seat is permitted. Driver's seat must be located in the stock location. Passenger seat is not required. Door panels are required. Floor and transmission tunnel where visible must be carpeted or upholstered.

5-12-2017

RENEGADE

AUTOMATIC TRANSMISSION

Any OEM or aftermarket automatic transmission is permitted. Lock-up style transmission and/or torque converters are prohibited unless OEM equipped (i.e. A.O.D.). The use of transmission-to-engine adaptors is permitted. The use of trans-brakes is permitted. All gear changes must occur as a result of an internal function of the transmission or a direct action by the driver. Pneumatic, electric, hydraulic, etc. shifters prohibited. **Lockup converters are prohibited.**

COYOTE MODIFIED

AUTOMATIC TRANSMISSION

Any aftermarket OEM automatic transmission allowed. Aftermarket case must meet SFI Spec 4.1 and 30.1. Modifications to shifting pattern are permitted provided full shift pattern is retained. Lock up torque converters permitted. Any torque converter permitted. Functional neutral safety switch is required. The use of trans-brakes is permitted. **Lockup converters are prohibited.**

4-24-2017

COYOTE STOCK

IGNITION

Stock unmodified Ford ignition is required. Standalone two-step **rev-limiter is** permitted. Two-step is allowed to piggy-back with existing connector and must retain the standard functions of a two-step. 2015 engine may for the sole purpose of adding a Two-Step use engine harness Ford OEM part #FU5Z-12A581-J with the FRPP Control Pack Part# M-6017-504V. The use of any down track RPM limiting device, other than the supplied Coyote tune, High side RPM limiter is prohibited. Any modifications performed to the Ford harness or its sensors are strictly prohibited.

4-11-2017

STREET OUTLAW

WEIGHT ADDITIONS/DEDUCTIONS

2015 and newer Ford Mustang (S550) may deduct 25lbs from their original base weight.

Boosted Applications with a lock-up torque converter must add 75 lbs. (Does not apply to Diesel Applications)

Leaf-spring style rear suspension vehicles may deduct 50lbs from their original base weight.

Small block boosted entries using 15 and 20 degree Windsor based inline valve heads may deduct 100lbs from their original base weight.

Small block turbocharged entries using an 88mm turbo may deduct 100lbs from the small block 94mm turbo base weight.

All nitrous powered entries using a cast single 4 barrel intake manifold may deduct 100lbs from their original base weight.

Ford Modular engines may deduct 200lbs from their original base weight.

365 CID and smaller pushrod engines may deduct 200lbs from their original base weight.

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COYOTE STOCK

ENGINE

A comprehensive engine component part number list that is used in the building of the Ford OEM Sealed Coyote Crate Engine (Part # M-6007-M505) will be added.

OEM Sealed Coyote Crate Engine: Part # M-6007-M50S or M-6007-M50SA is mandatory for all entries.

INTAKE MANIFOLD

Stock Ford OEM supplied intake manifold is the only intake permitted for all entries. 2015 and up engines (M-6007-M50SA) may use MMR part# 477191 IMRC (Intake Manifold Runner Control) deletes. Removal of IMRC actuators, sensors, and vacuum lines are permitted.
