

**ADAMS COUNTY SPEEDWAY**  
**2017 B-Mod RULES & SPECIFICATIONS**

(Updated January 1, 2017)

Revised 4/15/17

(New or altered rules will be underlined)

The rules are written to create competitive and fair racing. In the interest of competitive and fair racing, they may have to be adjusted from time to time. If the Adams County Speedway race director(s) feel the rules need to be adjusted the affected competitors will be notified with a bulletin before any adjustments or changes are made.

All drivers are required to have a NASCAR license for sanctioned events.

Raceceiver & Transponder are mandatory. Drivers without a transponder or Raceceiver are subject to fine and disqualification. Transponders are to be at bottom of the rear motor plate in a transponder pouch and securely attached with the transponder facing the race track surface.

**Section 1: Safety**

- A. Rules apply at all times car is on track. Any safety rule will always take precedence.
- B. Snell-rated SA2005, SA2010 or SA2015 helmet required.
- C. Roll bar padding required in driver compartment (Fire retardant recommended).
- D. SFI-approved full one or two piece fire suit required.
- E. Fire retardant gloves, shoes and neck brace (or head and neck restraint) required.
- F. Driver-side window net required, minimum 16 inch by 20 inch ribbon or mesh style, and must be mounted so latch is at top front of window. Maximum four inch tall visor attached to window net.
- G. Minimum three inch (two inch with head restraint system) wide SFI-approved five point safety belt assembly required (Y-type shoulder harness not allowed), must be mounted securely to roll cage, as prescribed by manufacturer.
- H. Recommended: Safety belts no more than 2 years old. No Y-type seat belts allowed. Any safety belt or safety net deemed to be unsafe by signs of weathering, fraying, or other reason by officials or race director(s) will be illegal and unable to race.
- I. A protective screen is required on the driver's side of the windshield opening. At least 4 vertical braces for support of this screen are required. Minimum screen size is ½ by ½ inch openings and maximum of 2 by 2 inch.
- J. Battery disconnect switch required. Recommended location is in reach of the driver and 12" of gear shift levers and clearly marked "OFF" and "ON".
- K. All drivers and cars are required to pass a safety inspection and receive a sticker for passed inspection before allowed to compete.
- L. Approval of a race car by inspector shall mean only that it is approved for participation in a competitive event and shall not be construed in any way to mean that it is guaranteed mechanically sound, safe, or completely legal. ACS and/or the inspector shall not be liable for any mechanical failure nor for any losses, injuries or death resulting from same.

**Section 2: Frame**

- A. 1964 or newer OEM perimeter American rear-wheel drive passenger car frame only. No sports car frames.
- B. Frame must be full and complete, cannot be widened or narrowed, and must be able to support roll cage on both sides, exceptions are: weight jack in original center line of spring tower allowed; frame may be cut a maximum 36 inches forward from center of rear end housing; horns may be removed in front of steering box and notched maximum one inch at bottom for tie rod clearance; front cross member may be notched and boxed for radiator and/or steering clearance; maximum seven inch wide opening in side of spring tower for spring removal.
- C. Maximum two inch wide by four inch tall frame stiffener may be welded directly to outside of left side frame rail, left top frame rail can be removed inside cockpit.
- D. Minimum wheelbase 108 inches, maximum 112 inches, both sides.
- E. Maximum overall width shall not exceed 78 inches from outside of tire to outside of tire.
- F. For cars using OEM rear suspension design, rear of frame behind rear tires no further forward than one inch behind factory seam, may be replaced with two inch by three inch steel tubing with 0.095 inch wall thickness. No part of frame or body can be lower than four inches from ground except front cross member and rear underslung.

**Section 3: Roll Cage**

- A. Roll cage must consist of continuous hoops, minimum 1.75 inch O.D. tubing, with minimum wall thickness of 0.095 inch for main cage, frame-mounted in at least six places, *low carbon or mild steel recommended.*
- B. Must consist of a configuration of front, rear and top hoops connected by tubing on sides or side hoops.
- C. Driver's head must not protrude outside cage with helmet on.
- D. Roll cage must be securely supported and braced with minimum one cross bar in top halo.
- E. Foot protection bar required. Main cage no further forward than rear of engine.
- F. All bars forward of cage must be lower than hood.

**Section 4: Door Bars**

- A. All driver side door bars and uprights must be minimum 1.5 inch O.D. with 0.083 inch wall thickness.
- B. Minimum three driver side door bars, parallel to ground and perpendicular to driver, and welded to front and rear of roll

cage.

- C. Passenger side must have at least one cross door bar, horizontal or angled, minimum 1.25 inch O.D. with 0.083 inch wall thickness, and one top door bar, minimum 1.5 inch O.D. with 0.083 inch wall thickness.
- D. Steel door plate, 8 gauge or 0.049 inch minimum thickness must be securely welded to outside of driver side door bars and cover area from top door bar to bottom door bar and from rear hoop down-post to five inches in front of seat. Must be visible for inspection.

#### **Section 5: Body**

- A. No composite body panels allowed except roof rock guard and hood scoop.
- B. Body and interior deck must be same width, front to rear, and parallel to OEM frame.
- C. Nose panel must be flat with no scoops allowed.
- D. Maximum 2.250 inch side fins allowed on aluminum nose.
- E. MD3 plastic nosepiece, part#020-410 allowed. Cooling holes allowed.
- F. Nose panel may be no wider, or lower than two inches outside of front frame horns.
- G. Nose panel must remain within confines of front bumper (exception is plastic valance) and no lower than four inches below frame horns.
- H. Engine compartment must remain open (no side panels).
- I. Hood must be level or sloped down at front and be enclosed at rear. No reverse hood rake allowed.
- J. No panel in front of right door to engine compartment. No inner panels. No car covers.
- K. Must have front windshield and rear window support posts. May use full windshield.
- L. Driver and passenger side windows must have at least 12 inch opening (height and width), measured at center of window, between lowest point at top of window, whether roof or roll cage, and highest point at bottom of window, whether interior or body. May use lexan in window side panels.
- M. Roof must be fiberglass or aluminum, full size and rounded down in all directions (see diagram). No dished roofs allowed.
- N. Driver roof hatch allowed. Maximum 1.5 inch rolled down rock guard allowed on roof front. Maximum four inch roof sides allowed. Maximum one inch ridge down sides of roof. Maximum one inch rear roof stiffener (must face down). Window side panels must resemble all aspects of drawing and may not extend ahead of back of seat.
- O. Rear spoiler (optional) may be minimum one inch to maximum five inches in material height and maximum 66 inches wide. Spoiler may have rear stiffener, must be one inch or more down from top. Maximum three spoiler braces allowed, must be mounted in line. Spoiler braces must resemble all aspects of drawing. Spoiler must be mounted within confines of spoiler braces. No fins, lips, wings or vortex generators allowed. Maximum four inch plastic skirting allowed on bottom of doors, quarters and nose. No reflective doors or quarter panels.
- P. Tires must be widest part of car. Car number must be minimum four inches thick and 20 inches tall and clearly visible, on both sides, top and back of car, and front, if possible.

#### **Section 6: Driver's Compartment**

- A. Must have minimum three windshield bars in front of driver. Lexan or aluminum cowl panel in front of driver can be no wider than cockpit and no farther back than steering wheel. Minimum 0.125 inch aluminum, or 0.060 inch steel,
- B. Complete floor pan required.
- C. Aluminum high-back seat only and must be bolted in, using minimum 0.375 inch bolts, next to left side frame rail and ahead of rear tires. Bottom of seat can be no lower than bottom of frame rail.
- D. Driver must be sealed off from track, driveline, engine, and fuel cell canisters, and pumps.
- E. Oil coolers must not protrude above interior. Accumulators cannot be mounted between driver and left-side door bars.
- F. No driver-adjustable devices allowed while car is in competition except brake adjuster.
- G. No mirrors of any kind permitted.

#### **Section 7: Front Suspension**

- A. All components must be steel, unaltered OEM, in OEM location, and replaceable by OEM parts, exceptions are: tube-type upper A-frames with or without aluminum or steel cross shaft, and mounts can be moved; OEM replacement stamped steel lower A-frames; rubber, nylon or steel lower A-frame bushings.
- B. No offset or bearing type; welded or bolted shock mount on lower A-frame permitted. No screw jack type shock mounts.
- C. OEM or OEM replacement ball joints allowed.
- D. Lower A-frames must be right and left, and of same design. Lower A-frame mounts and bolt holes on frame must be in OEM location. OEM ball joints only.
- E. No sway bar.
- F. No suspension stops of any kind allowed.

#### **Section 8: Steering**

- A. No rack and pinion permitted.
- B. All components must be steel, unaltered OEM, in OEM location, exceptions are: outer tie rod end and adjustment sleeve may be replaced by a minimum 0.625 inch steel rod end and steel tube; spindles can be ground for brake caliper clearance only; unaltered, OEM replacement Pinto spindles with IMCA raised cast; replacement spindle with Speedway Motors raised cast – part numbers 91034501 and 91034511; bolt on spindle savers allowed; steel steering shafts and knuckles only; driver compartment steering may be modified, must be kept on left side.

- C. Spindles must be right and left, and of same design.
- D. Quick release steering required – steering quickener and steering wheel may be aluminum. Idler arm, pitman arm, and center link must match frame.

**Section 9: Shocks**

- A. One steel, nonadjustable, unaltered shock per wheel only. All shocks must be collapsible at any time.
- B. All shock mounts must be welded.
- C. No shocks allowed on screw jacks. No external or internal bumpers or stops.
- D. No coil over, air, or remote reservoir shocks. No Schrader valves or bladder type valve allowed. Front half of any shock may be shielded.
- E. One or all shocks may be claimed per event for \$50 each following shock claim procedures

**Section 10: Springs**

- A. One steel coil or multi-leaf (rear) spring per wheel only. Minimum 4.5 inches O.D., non-progressive coils only.
- B. No torsion bars, air bags or inner liners.

**Section 11: Rear Suspension**

- A. All components must be steel. All mounts and brackets must be welded or bolted solid.
- B. One steel coil or multi-leaf (rear) spring per wheel only. Minimum 4.5 inches O.D., maximum 13 inch free height, non-progressive coils only.
- C. No torsion bars, air bags, inner liners or spring rubbers allowed.
- D. Coil springs must remain vertical and over center line of rear-end housing.
- E. No coil-over eliminators allowed. No chains, cables or tethers. Exception is solid safety chains securely mounted frame to axle housing only (cannot be mounted to any floating device), no spring rubbers allowed.
- F. Rear shocks cannot be mounted on control arms. All rear control arms and pan hard bars must be straight.
- G. Must utilize one of the following designs:
  - (A) Aftermarket three link design requirements: Must use 16 inch minimum, 24 inch maximum lower control arms. Must use one upper control arm, solid tube only, located at top center of rear end housing and remain centered (one inch tolerance) on housing over drive shaft. Must use minimum 23 inch pan hard bar located behind rear end housing. Lower spring perch must be welded to rear-end housing. Must use steel upper weight jack. No floating or bearing rear spring perches/cups allowed.
  - (B) Multi-leaf spring design requirements: Must use steel multi-leaf springs with no additional suspension components besides one shock per wheel. Adjustable aluminum lowering blocks allowed.
  - (C) OEM stock design requirements: Rear crossmember, control arm mounts and bolt holes on frame must be in stock location. All components must be unaltered, approved OEM, and match frame. Control arms cannot be altered in any way. Steel, rubber or nylon control arm bushings only. Springs must remain in stock location. Lower spring perch must be welded to rear-end housing. Must use steel upper weight jack.

**Section 12: Rear Ends**

- A. Any steel approved OEM passenger car or truck non-cambered rear end (housing and carrier) allowed.
- B. Must be centered in chassis.
- C. All components must be steel, except lowering blocks, axle cap, and drive flange. Safety hubs (floater) allowed.
- D. Inspection hole in housing required. Mini-spools only. Ring gear, center section and yoke cannot be lightened.
- E. Solid steel axles and one piece drive flanges only.

**Section 13: Bumpers**

- A. Steel bumpers must be on front and rear at all times and welded, or mounted with minimum .375 inch bolts.
- B. Rear bumper must be constructed of solid square, or minimum 1.25 inch O.D. tubing with 0.095 wall thickness, and similar to diagram no wider than five inches outside of rear frame rails. If wider than five inches outside rear frame rails, must be capped and bent forward 90 degrees, or constructed in a loop design. Must have at least one upright, minimum 1.25 inch with 0.065 wall thickness, from bumper to fuel cell guard.
- C. Two-bar front bumper must be minimum 1.25 inch O.D. tubing with minimum 0.065 wall thickness (maximum 0.095 inch) mounted frame-end to frame-end, no wider than width of material outside frame horns and with bottom loop parallel to ground. Top bar must be directly above bottom bar, minimum 6.5 inches apart, measured center to center.

**Section 14: Tires**

- A. Must use IMCA stamped tire only.
- B. No chemical softening, conditioning, or grooving of tires.
- C. No re-caps
- D. All tires tested for conditioning must conform to applicable tire benchmark.
- E. Tires may be ground or siped within confines of tread (not past factory straight line).

**Section 15: Wheels, Lug Bolts, Lug Nuts, and Mud Covers**

- A. All wheels must be three or four inch backspace. No wheel adapters, spacers or bleeder valves.
- B. May use bead lock, on right rear only. External, steel bead lock only and it cannot make wheel any narrower than 8 inches and no wider than 8.75 inches.
- C. Must use only steel bolts.

- D. Must use minimum one inch O.D. steel lug nuts.
- E. Foam type or plastic outer mud cover allowed on right side wheels.
- F. Inner mud cover allowed on left rear only.

**Section 16: Brakes, Calipers, and Hubs**

- A. Must be steel approved OEM, operative four wheel, drum or disc.
- B. Must maintain minimum OEM dimensions for hubs/rotors and calipers, cannot be lightened. Rear rotors may be aftermarket 0.81 inch thickness (new). Vented rotors only. No scalloped or ceramic coated rotors.
- C. One proportioning device allowed (one-to-one ratio), front to rear only.
- D. Brake lines must be visible and must connect directly from master cylinder to calipers with no devices in between.
- E. Rear caliper brackets must be welded or bolted solid to rear-end housing.
- F. No oil bath front hubs.
- G. Bolt pattern may be changed. Larger studs allowed.

**Section 17: Exhaust**

- A. Round tube headers only. All primary header tubes must enter directly into one collector, at same point, at end of header.
- B. Turn down allowed.
- C. Non-stepped, painted headers only.
- D. No heat wrap on headers.
- E. Mufflers recommended.
- F. No exhaust sensors, merge collectors, cross-overs, extensions, inserts, or balance tubes permitted.

**Section 18: Fuel, Fuel Cell and Fuel System**

- A. Gasoline only. Racing fuel allowed. E10 to E85 allowed. *Pump grade recommended.* No performance enhancing or scented additives. Fuel must pass both dielectric meter and chemical tests. Fuel sample may be taken from any car at any time.
- B. Racing fuel cell required, maximum 32 gallon capacity (*12 gallon recommended*), must be in minimum 20 gauge steel container. Must be securely mounted behind rear axle, between rear tires, minimum four inches ahead of bumper, minimum 10 inches above ground. Must mount with a minimum one inch square tubing or two solid steel straps around entire cell, two inches wide and 0.125 inch thick. All cell mounts must be steel, securely welded to frame/cage. Protective tubing must cover rear and extend past both sides of cell. No part of cell shall be lower than protective tubing. Fuel cell vents, including cap vent, must have check valves. If fuel cell does not have aircraft style positive seal filler neck/cap system – a flapper, spring or ball type filler rollover valve is required.
- C. Pick-up must be on top or right side of cell. One fuel filter allowed. No cool cans.
- D. Mechanical OEM type push rod fuel pumps only.

**Section 19: Carburetor and Air Cleaner**

- A. **Claim Engine:** Must use naturally aspirated, unaltered 500 c.f.m. Holley – part no. 0-4412, may be modified to Holley HP Dorton part no. 0-80583-1 specs only. Float bowl must face forward. Any adapter, maximum one inch thick. No throttle bore adjustable carburetor spacers.
- B. **GM CRATE ENGINE:** may use any Holley 4 barrel carburetor, all components (float bowls and main body) must be Holley manufactured. Metering blocks and base plate may be billet aluminum non-Holley. No aerosol-style carburetors allowed. May use one inch thick carburetor spacer, must use Moroso part #64940 with GM crate. Maximum 0.100 inch thick carburetor gaskets only.
- C. All carburetors, may be exchanged, style for style only, following same procedure as engine claim. Driver claiming carburetor may not claim engine or shocks on same night.
- D. Dry element Air Cleaner only. No oil bath air cleaners permitted.
- E. Air cleaner top/stud cannot direct air into carburetor. No top flow air cleaner housings

**Section 20: Weight**

- A. Minimum weight limit of 2,500 pounds, no tolerance, after race with driver in car.
- B. Weights must not be used in driver compartment or outside body. All weights must be securely mounted with at least two 0.5 inch bolts and painted white with car number on it. No titanium, magnesium, stainless steel or carbon fiber components. Solid steel fasteners only.

**Section 21: Battery and Starter**

- A. One 12 volt battery only, must be securely mounted between frame rails, and positive terminal must be covered.
- B. Starter must bolt on block in OEM location and directly engage flexplate/flywheel.
- C. Car must have capability of starting without being pushed or pulled.
- D. Car must leave initial staging area on demand, unaided, or may be required to go to rear of that race.

**Section 22: Gauges and Electronics**

- A. No unapproved transmitting or listening devices (exception is mandatory one-way Raceceiver radio), timing retard controls, or digital gauges (including tach).
- B. No electronic monitoring computer devices capable of storing or transmitting information except memory recall analog tach.

- C. 12 volt ignition system and OEM HEI distributor only. Ford/Chrysler may use HEI distributor.
- D. No billet housings or crank triggered ignitions permitted.
- E. Ignition rotor, cap, coil and module must remain OEM appearing.
- F. Crate engine MUST use original HEI distributor with MSD #8728 rev-control and 6,200 rpm chip.
- G. Claim engine may use MSD #8728 rev-control with any rpm chip.
- H. Rev-control must be out of reach of driver, but accessible for inspection.
- I. No ignition boxes, remote coil or accessories.
- J. All wiring must be visible for inspection.
- K. Only gauges allowed are analog oil pressure, fuel pressure, brake bias, water temperature and tach.
- L. OEM type alternator with internal regulator allowed.
- M. No electronic traction control devices.

**Section 23: Transmission and Driveshaft**

- A. All forward and reverse gears must be operational, plus a neutral position.
- B. With engine running and car in still position, driver must be able to engage car in gear and move forward, then backward.
- C. Only OEM production transmissions allowed. No 'in and out' boxes or quick change devices allowed.
- D. Functioning shift levers must be in OEM location.
- E. One steel or aluminum OEM style/size flywheel or steel OEM style/size flexplate allowed, must be bolted directly to end of crankshaft.
- F. Automatic transmission Must be unaltered, two or three speed, OEM production case with a functioning OEM appearing pump.
- G. Aluminum OEM bellhousing may be replaced with aftermarket explosion-proof steel or aluminum bellhousing.
- H. Original OEM bellhousing must have approved scatter shield constructed of minimum 0.125 inch by three inch steel, 270 degrees around flexplate.
- I. Only external lines allowed are for transmission cooler. Splined drive flange coupler or torque converter (10 inch minimum) only.
- J. Manual transmission Must be unaltered, three or four speed, OEM production case and have a working 7.25 inch minimum diameter, steel and/or aluminum, single or multi-disc clutch and pressure plate bolted directly to flywheel/flexplate. These components must rotate, consistent with engine rpm, while car is in any gear.
- K. Must use explosion-proof steel bellhousing with one hole for throw out bearing lever or hose, must be 270 degrees around top of clutch and flywheel/flexplate area. Hydraulic clutch pedal allowed with manual transmission only.
- L. Drive Shaft must be a minimum two inch diameter, white, steel drive shaft. Steel slip-yokes only.
- M. 360-degree drive shaft loop required and must be constructed of at least 0.25 inch by two inch steel, or one inch tubing, mounted six inches back from front U-joint.

**Section 24: Engine Location, Pulleys and Belts, and Radiator**

- A. Rear of engine (bellhousing flange) must be mounted at least 72 inches forward from centerline of rear axle.
- B. Engine offset must be kept within two inches of centerline of front crossmember with engine level.
- C. Minimum 11 inch engine height from ground to center of crankshaft.
- D. V-belt aluminum or steel pulleys only.
- E. Copper/brass or aluminum radiator only and must be mounted in front of engine.
- F. No vacuum pumps or pan evac systems.

**Section 25: Engine Options and Specifications**

- A. All cars must clearly display on driver side front roof post which engine they are competing with. Must be contrasting in color from body, minimum 2-inches tall and display CLAIM or CRATE. Markers not acceptable.
- B. (A) CRATE ENGINE: Must use unaltered sealed GM #88958602 or #19258602 crate engine. Upon inspection, any different, altered or missing GM seal bolts may result in disqualification, loss of all points for the season, \$1,000 fine and a one year suspension.
- C. GM seal bolt exception is IMCA approved and issued Cable-Lok repair system. \$250 fine for any crate engine not using required spacer, distributor, rev limiter, pushrods, valve springs or rocker arms.
- D. Any driver using crate engine cannot claim engine or have engine claimed. During same season.
- E. No driver is allowed to claim an engine after competing with a crate. If a driver switches to a crate after claiming an engine, the crate engine is then claimable.
- F. (B) CLAIM ENGINE: All engines must be able to be used in conventional passenger car without alterations.
- G. External engine casting and threaded holes cannot be altered.
- H. BLOCK: OEM steel passenger vehicle production block only. No GM Bowtie, Ford SVO or Chrysler W components allowed. GM approved block numbers are: 10105123, 10066034, 3892657, 3914660, 3914678, 3932388, 3932386, 3956618, 3970000, 3970006, 3970010, 3970014, 10066033, 10066036, 10243880, 14010207, 14010209, 14010287, 14016376, 14016379, 10054727, 14088528, 14088548, 14088552, 14093638, 14101148.
- I. Stroke must match block.

- J. No 400 or larger cubic inch parts allowed. Maximum 361 cubic inches, (GM); 363 (Ford); 370 (Chrysler).
- K. Violation of cubic inch limit must be verified by removal of head and may result in disqualification, loss of all points for the season, \$1,000 fine and a 30-day suspension.
- L. Maximum compression ratio is 9.0 to 1, no tolerance. Compression ratio checked using Whistler and cubic inches checked using pump, OR by visual inspection of part and/or casting numbers, pistons, etc (track option which method is used).
- M. Flat top or dished pistons only, no gas-ported pistons.
- N. OEM or OEM replacement steel crankshaft only – cannot be lightened. No aerowing, bullnose, knife edge, undercut or drilling of second or third rod throws.
- O. OEM or OEM replacement steel rods only – GM 5.7 or 6-inch rod allowed. Cap screw allowed.
- P. Conventional flat tappet cam and lifters only, cannot alter lifter bores.
- Q. OEM firing order cannot be changed (GM: 1-8-4-3-6-5-7-2).
- R. May use oil restrictors.
- S. 'Wet' sump oiling system only.
- T. Steel oil pans only. Racing oil pans allowed. Mandatory one inch inspection hole in all pans – no obstructions to crank and rods.
- U. Accumulator allowed.

**Section 26: Cylinder Heads and Intake Manifolds**

- A. Steel only. Must be unaltered approved OEM and minimum 76 cc combustion chamber. Only GM OEM approved head numbers are: 14079267, 3986336, 3986339, 3986339X, 3986388, 3932441, 376445, 3928454, 3932454, 3876487, 3973487, 3973487X, 3973493, 3951598, 468642, 330862, 333882, 3998920, 3998991, 3998993, 3998997, 3970126. Maximum size valves on these heads are 2.02 inch intake and 1.60 inch exhaust.
- B. May use Engine Quest (EQ) Stock Replacement (SR) cylinder head, part number CH350I, head must remain as produced, seat angles and valve sizes can not be changed: three angle valve job only (absolutely no casting removal in valve pocket of EQ head, for any reason). No porting, polishing or unapproved alterations allowed to ANY cylinder head. Guide plates, screw-in shouldered studs (0.375-inch max) and polylocks allowed. No stud girdles. Steel roller tip rocker arms allowed. GM – 1.250 inch maximum O.D. valve springs, no beehive valve springs allowed.
- C. Unaltered, approved OEM cast iron low rise intake manifold, two- or four-barrel permitted.
- D. Only unaltered (no porting or polishing) aftermarket aluminum intakes allowed are: Weiland GM #7547-1; Ford #7515, #8023 or #7516; Chrysler #7545; Edelbrock GM #2701; Ford #7121, #7181, #7183; Chrysler #2915. Cooling lines allowed on aluminum intakes. Disqualification, loss of points, purse and \$250 fine if any alterations are found to heads/intake. Unaltered OEM type harmonic balancer only. OEM type steel or aluminum water pumps only.