Trophy Truck Spec

OPEN PRODUCTION – Limited Sealed Engine

Competition Numbers 200 - 299

DEFINITION

Limited 4-wheel vehicles similar in appearance and size to SCORE Trophy Truck®
Class limited to specified Sealed Motors with maximum 525 hp. Two (2) wheel drive only[(a)].
Must use TH400 Transmission. Must have solid rear drivetrain. Underdrive units are allowed.

GENERAL REGULATIONS

Entrants in this class shall comply with all applicable general regulations.

COMPETITION REGULATIONS

To view these complete sections, click on the following links

General Regulations - http://score-international.com/raceinfo/rule-book/general-regulations-2/

Competition Regulations - http://score-international.com/raceinfo/rule-book/competition-regulations/

Click back button or tab between windows to return to this page

This class is an open production class and all components will be considered open unless restricted herein. Vehicles that raced SCORE previously, and do not meet current specifications, can possibly be modified and "Grandfathered" into current competition. Contact SCORE Tech Director for information.

NOTE: *The CR abbreviations listed under this class (i.e.CR1 HELMETS) refer to cross reference listings in the Competition Regulation section on this website. These cross-referenced listings are part of the class rules. Where a conflict occurs between the cross-referenced listing and a rule contained under this class, the rule contained under this class has precedence.*

SAFETY EQUIPMENT

CR 1 HELMETS and HEAD AND NECK RESTRAINTS
CR 2 PROTECTIVE CLOTHING
CR 3 EYE PROTECTION and DENTURES
CR 4 FIRST AID KIT
CR 5 EMERGENCY SIGNALING DEVICES
CR 6 HORNS
CR 7 REFLECTORS
CR 8 FIRE SUPPRESSION EQUIPMENT
CR 9 SURVIVAL SUPPLIES

SUSPENSION COMPONENTS

Track width is open
CR 10 SHOCK ABSORBERS and BUMP STOPS
CR 11 SECONDARY SUSPENSION
CR 12 WHEELS and TIRES - No Restrictions
CR 13 FASTENERS

STEERING AND BRAKE COMPONENTS

CR 14 STEERING
CR 15 BRAKES

ELECTRICAL SYSTEM

CR 16 IGNITION
CR 17 BATTERIES
CR 18 LIGHTS
CR 19 STARTERS

FUEL SYSTEM

CR 20 FUEL
CR 21 FUEL TANKS - Racing Fuel Cells are mandatory.
CR 22 FUEL FILLERS LINES, VENTS, and CAPS

ENGINE, TRANSMISSION AND DRIVELINES

CR 23 ENGINE and ENGINE DISPLACEMENT

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Trophy Truck Spec

Must use one of the following approved sealed engines - 525 horsepower is maximum limit.
Maximum of eight (8) cylinder engines allowed in this class.

CR 23 ENGINE and ENGINE DISPLACEMENT - *continued*

Following engines are approved for SCORE TT Spec class: *(NOTE: Part nos. updated 7.24.18)*

GM LS3 V8 (525 HP) part no. **19370413** *(previous no.19301366)* with GM Controller Kit part no. **19354332**
ECU unit only **19354333** *(previous no.19258270)*

GM LS3 V8 (430 hp) part no. **19370416** *(previous no.19301326)* with GM Controller Kit part no. **19354328**
ECU unit only **19354329** *(previous no.19258270)*

Ford 3.5L twin turbo Ecoboost® engine and Control Pack Kit part no. M-6000-35TK

All new engines must be purchased from the SCORE Engine Sealing Centers. Engines must be shipped directly from OE manufacturer to SCORE Centers listed below. Engines must be in original shipping containers and engines will be sealed, tagged and returned in their original crate!

Danzio Performance	951.245.2537	506 Central Ave.	Lake Elsinore CA 92530
Redline Performance	714.777.5758	1380 N. Lakeview Ave.	Anaheim CA 92708
Turn Key Powertrain	760.966.2663	3915 Oceanic Dr. Ste. 6	Oceanside CA 92056
Wix Racing Engines	702.837.2522	3265 Birtcher Dr.	Las Vegas NV 89118

Salvage Yard Engines - To be eligible to compete in this class, any engine from any source other than shipped direct to SCORE Engine Sealing Service Center from OE manufacturer must be disassembled and have stock specifications verified by an Authorized SCORE Sealing Center. Cost of this stock specification verification, any modifications required, and cost of engine sealing tag for competition is the responsibility of the engine owner.

IMPORTANT - GM and Ford crate engines must be purchased direct from SCORE Engine Sealing Centers shown above.

GM: LS engines must use factory GM LS style wet sump oil pan; no aftermarket pans are permitted. GM pans may be modified to fit chasses, modified pans must use stock baffling and no increase in volume is permitted. Pans must be inspected and installed by SCORE Service Center when engine is sealed. No Dry Sump oil systems allowed. All GM engines will be open to any GM wet sump oil pan but must be approved and installed by SCORE Authorized Sealing Center Technicians.

Ford: No Dry Sump oil systems allowed. All Ford engines must use wet sump stock oil pan as delivered in the engine kit from the manufacturer. Ford pans may be modified to fit chasses, modified pans must use stock baffling and no increase in volume is permitted. Pans must be inspected and installed by SCORE Authorized Sealing Center Technicians at time engine is sealed.

Billet Fuel Rails are allowed.

Water Pumps are open, must be mechanical factory concept, no electric pumps allowed.

Following modifications are not allowed:

- **No** Aftermarket ECU systems installed in vehicle
- **No** Aftermarket Camshaft replacement - Factory cam upgrade to 525 hp allowed - see below
- **No** Balancing
- **No** Engine Block Decking
- **No** Line Boring
- **No** Dry Sumps
- **No** Rebuilding

Official sealed engines from the above companies will be identified with a RED sealing tag indicating engine is acceptable for SCORE competition.

Upgrading 430 hp LS3 Engines - 430 hp LS3 engines may be upgraded to 525 hp versions **ONLY** by changing to GM camshaft part no. **88958770**. All conversion work must be done by SCORE Authorized Sealing Technicians only. Engine must be re-sealed by SCORE Sealing Center after cam is replaced.

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CR 24 ENGINE REPLACEMENT - New crate engines sealed and tagged allowed. Rebuilt or previously installed engines must have specifications reverified and be re-tagged by authorized SCORE Engine Centers listed above. Refer to **CR 23** (above) for information on salvage yard engines.

CR 25 TRANSMISSION - Turbo 400 automatic transmissions only.
Underdrive units are now allowed. May be of any manufacture (*Effective 1/1/2019)*

(a) Only exemption: SCORE Vehicle #230 (4wd) will be grandfathered into these class rules but must comply with the following specifications:

1. Transfer case must be 1:1 ratio in high range only. Transfer case must be sealed, tagged and approved by SCORE Technical Director.
2. Transfer case must have lockout installed for low range.

CR 26 THROTTLES - Electronic throttle pedal assembly (fly-by-wire) allowed only if delivered as part of engine control pack delivered direct from manufacturer.

CR 27 EXHAUST - Open

CR 28 DRIVE SHAFTS - Open

CR 29 FLYWHEEL SHIELDS - Open

CR 30 FLUID COOLERS

CR 31 AUXILIARY EQUIPMENT

VEHICLE SAFETY EQUIPMENT

CR 32 FORCED INDUCTION - Must be supplied as part of OEM engine package. No aftermarket units allowed in this class.

CR33 ROLL CAGES

CR34 SAFETY HARNESS

CR35 SAFETY NETS

CR36 SEATING - Maximum of two (2) seats **-** No center seating.

GENERAL VEHICLE COMPONENTS

CR37 DRIVERS COMPARTMENT

CR38 DOORS AND LATCHES

CR39 FIREWALLS

CR40 BALLAST

CR41 WEIGHT

CR42 FLOORBOARDS

CR43 BUMPERS AND HAZARDOUS PROTRUSIONS

CR44 MIRRORS

CR45 SKID PLATES

CR46 STORAGE

CR48 CHASSIS and BODY - Must retain stock Truck or SUV appearance.

CR49 HOSES

CR50 IDENTIFICATION MARKINGS

CR51 ADVERTISING ON VEHICLES

CR52 RADIO EQUIPMENT

CR53 WORKMANSHIP

CR54 TRACKING DEVICE

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