



# 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<sup>(a)</sup>.  
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**



## 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.

Following engines are approved for SCORE TT Spec class: (NOTE: Part nos. updated 3.13.20)

**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)

**GM LT1 V8** (525 HP) part no. **19416592** with LT 1 Control Pack part no. **19417227**

**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!

<b>CBM / Chris Bland x2001</b>	909.291.7550	725 S La Cadena Dr.	Colton CA 92324
<b>Danzio Performance</b>	951.245.2537	506 Central Ave.	Lake Elsinore CA 92530
<b>Dugan's Racing Engines</b>	951.681.1961	9072 Limonite Ave.	Jarupa Valley CA 92509
<b>Redline Performance</b>	714.777.5758	1380 N. Lakeview Ave.	Anaheim CA 92708
<b>Turn Key Powertrain</b>	760.966.2663	3915 Oceanic Dr. Ste. 6	Oceanside CA 92056
<b>Wix Racing Engines</b>	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.



## Trophy Truck Spec

**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. Single speed underdrive units are allowed. No two-speed unit. 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. Three (3) seats require special permission from Tech Director

### 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**