



# Technical Regulations

## APPENDIX – G

1.0 version

**Effective from 1<sup>st</sup> of October 2024**

THIS DOCUMENT WILL SUPERSEDE ALL OTHER PREVIOUS VERSIONS OF APPENDIX G AND WILL BE EFFECTIVE UNTIL FURTHER NOTICE



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# 1. General Specifications

## 1.1. Rotary Engine:

1.1.1. The capacity is calculated as: Actual Capacity Engine X 1.5

## 1.2. Body:

1.2.1. Vehicle bodies may be modified for “**Pro Street**” and “**Pro Drag**” classes. Fiber glass and carbon fiber to replace body parts are permitted for the said classes. Driver’s cabin must have a full top and windshield. Fenders, front and rear bumpers are mandatory. Windshield must be in good condition without cracks.

1.2.2. Front two doors must be functional and operable from inside and outside.

1.2.3. Lighting is not mandatory. But if lighting is to be used it must be street legal with no loose fittings.

## 1.3. Fuel:

1.3.1. Racing fuel is free for all classes.

1.3.2. Methanol is free for all classes.

1.3.3. Nitrous oxide is allowed for “**Pro Drag**” classes only. All bottles must be securely mounted. Nitrous oxide bottles located in driver compartment must be equipped with a relief valve and vented outside of the driver’s compartment. System must be installed per manufacturer’s recommendations.

## 1.4. Exhaust:

1.4.1. Competition exhausts are permitted.

## 1.5. Brakes:

1.5.1. All 4 brakes must be in good working condition.

## 1.6. Tyres & Wheels:

1.6.1. Tyres are open for “**Pro Street**” & “**Pro Drag**” classes.

1.6.2. D.O.T rated tyres are required for “**True Street**” classes.

1.6.3. Wheels must be automotive-type suitable for street use. Space-saving spare wheels are not permitted.

## 2. Safety Specifications

### 2.1. Safety Harness:

- 2.1.1. Three-point seatbelt is mandatory.
- 2.1.2. Racing harness is recommended.
- 2.1.3. Racing harnesses must be anchored to at least 4 points of the car chassis.

### 2.2. Fire Extinguisher:

- 2.2.1. It is recommended and must be mounted securely in an easily accessible location to the competitor.

### 2.3. Helmet:

- 2.3.1. All participants must use an approved full face crash helmet during the meet. Approval of crash helmet is entirely at the discretion of the Scrutineers.

### 2.4. Clothing / Overalls:

- 2.4.1. Clothing which covers from neck to wrist to ankles are required for “**True Street**” and “**Pro Street**” classes.
- 2.4.2. Full racing overall is mandatory for “**Pro Drag**” classes.
- 2.4.3. Gloves to fully enclose the fingers and thumbs. No part of the arms, wrist or hands must be visible.
- 2.4.4. Shoes / driving boots to be worn. No part of the legs must be visible. All footwear **MUST** be secured with laces.

### 3. Vehicle Specifications

DESCRIPTIONS OF REQUIREMENT & SPECS / TYPE OF RACE CLASSES	True Street	Pro Street	Pro Drag	ADDITIONAL REMARKS
<b>1) ATTIRES</b>				
a) Approved Crash Helmet	✓	✓	✓	Pro Drag - Full Face Crash Helmet only
b) Long Sleeve Casual Shirt, Long Pant & Sport Shoe	✓	✓	✗	Short Pant & Sandal - Prohibited
c) Full Racing Suit	✗	✗	✓	
<b>2) ENGINES</b>				
a) Engine Block Up to Class cc Limit	✓	✓	✗	
c) Power Steering	✗	✗	✗	
d) Air-Cond System (Including Belting)	✓	✗	✗	
e) Undersized Fuel Cell	✓	✓	✓	
f) In-Cabin Fuel Cell	✗	✓	✓	True Street - Fuel Cell must be mounted in Stock Location
g) Exit Header at Front Bumper or Hood	✗	✓	✓	
h) Open Transmission System	✓	✓	✓	
i) Open Engine Management	✓	✓	✓	
j) High Octane Race Fuel	✓	✓	✓	
k) Water Methanol Injection	✓	✓	✓	
l) Nitrous Oxide (NoS)	✗	✗	✓	
<b>3) EXTERIOR</b>				
a) Head Lamp Removal for Air-Scoop	✗	✓	✓	
b) Polycarbonate Windows	✗	✓	✓	
c) Carbon-Fibre / Fibre-Glass	✓	✓	✓	True Street - Doors, Roof & Floor Board must remain factory material
d) Front & Rear Bumper	✓	✓	✓	
<b>4) INTERIOR</b>				
a) Dash Board	✓	✗	✗	
b) Single Seat	✗	✓	✓	
c) Rear Seat, Carpeting & Door Trim	✓	✗	✗	Pro Street & Pro Drag - Use of Light-Weight material is allowed
d) Rear Factory Floor Pan	✓	✗	✗	
e) Roll Cage	✗	✗✓	✗✓	Pro Street - Use of Roll Cage is highly encouraged for safety
f) Functional Door Windows	✓	✗	✗	True Street - Use of Manual Window Winder is allowed
<b>5) UNDERCARRIAGE</b>				
a) Factory Suspension System	✓	✓	✗	
b) Full Slick Tyre / Skinny Tyre	✗	✓	✓	True Street - Semi Slick Tyre allowed
c) Rear Brake System	✓	✗	✗	True Street - Hand Brake must fully functional
d) Wheelie Bar	✗	✗	✓	
e) Tube-Frame Chasis	✗	✗	✓	

## 4. Groups Specifications

Each Class is defined by an engine capacity bracket. A vehicle should have an engine that has total engine capacity which is lower or equal to the total engine capacity allowed for that class. Cars will be classified by their original Cubic Capacity (CC). A car that has been **de-stroked** may not take part in a lower class. It must run in its respective category as per its engine code.

Based on above it is further defined by **three main groups**.

### 4.1. True Street

4.1.1. A class for mildly modified vehicles which are road legal. This means the vehicle should visually look like it came out of the factory. Full interior / seats, full body parts / lights etc. Weight lightening materials such as fiber and carbon fiber are allowed but the doors, roof and floorboard must remain factory material. The chassis must retain its original factory form and material, no form of tubular frames is allowed. Engine and ECU modifications are allowed. Factory Transmission, air condition and belts, Fuel Tank must be retained and functional. After market suspension is allowed but modifications to mounting locations are prohibited. Exhaust system must exit from the rear of the car. Tires must be D.O.T rated.

### 4.2. Pro Street

4.2.1. A class for highly modified vehicles that imitate a “True Street” vehicle but are more at home at a drag strip than the street. Full interior/ seats can be stripped, head lights can be removed. Lightening on body parts is allowed but floorboard must retain factory material. Glasses can be swapped out for polycarbonate and do not need to function, but the front windscreen must remain OEM. Front and rear bumpers are mandatory, but shape, design and material are free. Engine, Gearbox and ECU modifications are allowed. Modifications to the chassis are allowed but engine, gearbox and suspension mounting has to remain as per the factory design and location. Tube frame front nose frames are the only form of tube frames allowed. Aftermarket fuel cells are allowed. Full slick and skinny tires are allowed.

### 4.3. Pro Drag

4.3.1. A class for highly modified vehicles where the main purpose for the vehicle is racing. The competitor must wear a racing suit, full face helmet and gloves. Full interior/ seats can be stripped, head lights can be removed. Lightening on body parts is allowed. Glasses can be swapped out for polycarbonate and do not need to function, but the front windscreen must remain OEM. Front and rear bumpers are mandatory, but shape, design and material are free. Modifications to the chassis are allowed. Tube frame front nose frames are the only form of tube frames allowed for "Pro Drag 2" and "Pro Drag 4" classes. For "Pro Drag Open" full tube frames are allowed. Aftermarket fuel cells are allowed. Full slick and skinny tires are allowed. Wheelie bars are allowed. Nitrous systems are allowed. Roll cages are recommended.

## 5. Class Specifications

### 5.1. True Street 2WD

#### 5.1.1. True Street Hybrid

5.1.1.1. Engine and/or electric motor up to 120kw in total power

#### 5.1.2. True Street Starlet GT

5.1.2.1. Toyota Starlet GT one make class Engines up to 1,300cc Turbocharged

5.1.2.2. Engine, Gearbox and ECU modifications permitted.

5.1.2.3. Turbocharger must retain stock turbine and compressor housings. The internals of the turbo i.e. turbine wheel, shaft, compressor wheel, oil seals and bearings are free. After Market manifolds are allowed.

#### 5.1.3. True Street SUV

5.1.3.1. Trucks and Jeeps open

#### 5.1.4. True Street Diesel Cars Open

5.1.4.1. Diesel cars open

#### 5.1.5. True Street 1000cc N/A

5.1.5.1. Engines up to 1,050cc Naturally Aspirated

#### 5.1.6. True Street 1500cc N/A

5.1.6.1. Engines up to 1,550cc Naturally Aspirated

### **5.1.7. True Street 1600cc N/A**

5.1.7.1. Engines up to 1,650cc Naturally Aspirated

### **5.1.8. True Street 2000cc N/A**

5.1.8.1. Engines up to 2,050cc Naturally Aspirated

### **5.1.9. True Street 1000cc Turbo**

5.1.9.1. Engines up to 1,050cc Turbo

### **5.1.10. True Street 2000cc Turbo**

5.1.10.1. Engines up to 2,050cc Turbo

5.1.10.2. Turbocharger must retain stock turbine and compressor housings. The internals of the turbo i.e. turbine wheel, shaft, compressor wheel, oil seals and bearings are free.

5.1.10.3. After Market manifolds are allowed.

### **5.1.11. True Street 3000cc Turbo**

5.1.11.1. Engines up to 3,050cc Turbo

5.1.11.2. Turbocharger must retain stock turbine and compressor housings. The internals of the turbo i.e. turbine wheel, shaft, compressor wheel, oil seals and bearings are free.

5.1.11.3. After Market manifolds are allowed.

## **5.2. True Street AWD**

### **5.2.1. True Street 2000cc Turbo**

5.2.1.1. Engines up to 2,050cc Turbo.

5.2.1.2. Turbocharger must retain stock turbine and compressor housings.

5.2.1.3. The internals of the turbo i.e. turbine wheel, shaft, oil seals and bearings are free.

5.2.1.4. Compressor wheel inducer should **NOT exceed 50mm**.

5.2.1.5. After Market manifolds are allowed.

### **5.2.2. True Street 4000cc Turbo**

5.2.2.1. Engines up to 4,050cc Turbo.

5.2.2.2. After Market manifolds are allowed.



### 5.3. Pro Street 2WD

#### 5.3.1. Pro Street 1000cc N/A

5.3.1.1. Engines up to 1,050cc Naturally Aspirated

#### 5.3.2. Pro Street 1300cc N/A

5.3.2.1. Engines up to 1,350cc Naturally Aspirated

#### 5.3.3. Pro Street 1400cc N/A Classic Mini One Make

5.3.3.1. Engines up to 1,400cc Naturally Aspirated

#### 5.3.4. Pro Street 1500cc N/A

5.3.4.1. Engines up to 1,550cc Naturally Aspirated

#### 5.3.5. Pro Street 1600cc N/A

5.3.5.1. Engines up to 1,650cc Naturally Aspirated

#### 5.3.6. Pro Street 2000cc N/A

5.3.6.1. Engines up to 2,050cc Naturally Aspirated

#### 5.3.7. Pro Street 2500cc N/A

5.3.7.1. Engines up to 2,550cc Naturally Aspirated

#### 5.3.8. Pro Street 660cc Turbo

5.3.8.1. Engines up to 660cc Turbo

#### 5.3.9. Pro Street 1600cc Turbo

5.3.9.1. Engines up to 1,650cc Turbo

### 5.4. Pro Street AWD

#### 5.4.1. Pro Street 2500cc Turbo

5.4.1.1. Engines up to 2,550cc Turbo.

5.4.1.2. Turbocharger must retain stock turbine and compressor housings.

5.4.1.3. The internals of the turbo i.e. turbine wheel, shaft, oil seals and bearings are free.

5.4.1.4. Compressor wheel inducer should **NOT exceed 55mm**.

5.4.1.5. After Market manifolds are allowed.

## 5.5. Pro Drag Classes

### 5.5.1. Pro Drag 2

5.5.1.1. 2 Wheel Drive Open Class

### 5.5.2. Pro Drag 4

5.5.2.1. 4 Wheel Drive Open Class

### 5.5.3. Pro Drag Open

5.5.3.1. Open class (any vehicle can enter)

## 6. Turbo Measurements

6.1. Please refer below measuring specs of the turbo inducer (Diagram 1).

6.1.1.A - Measuring location is the inducer of the compressor wheel.

6.2. Please refer Diagram 2 to know how to measure the compressor inducer.

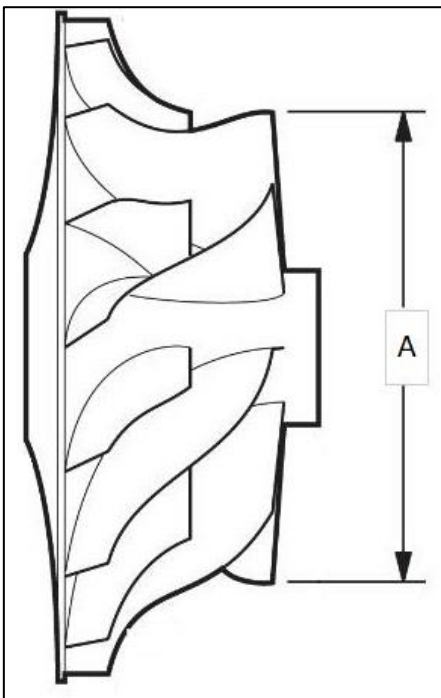


Diagram 1

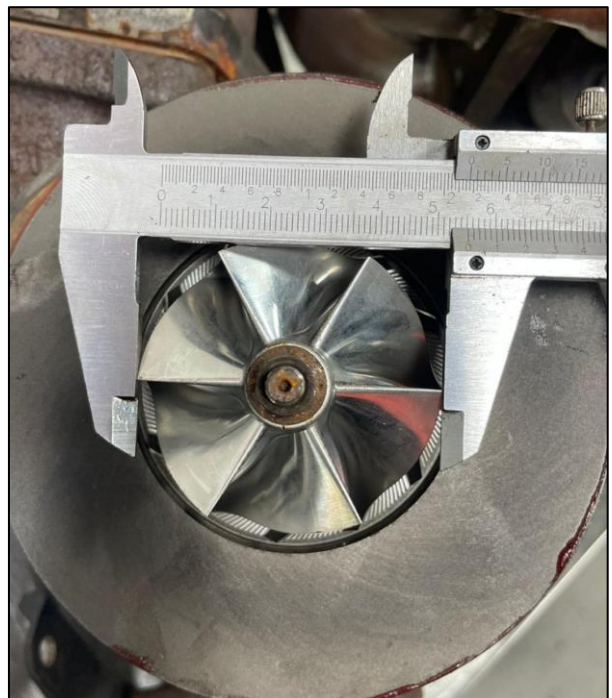


Diagram 2