

Bahrain Touring Car Championship (BTCC) Vehicle Weight & Power Declaration

DISCLAIMER:

By completing this form, the driver confirms that they have read and understood the steps and regulations outlined above and acknowledges that the technical regulations supersede any statements or instructions provided here. This form is intended to assist with compliance, but all final determinations must align with the official technical regulations.

STEPS TO FOLLOW TO SUCCESSFULLY FILL OUT THIS FORM:

1. Determine Competition Weight (Refer to TR Article 15.1)

Weigh the vehicle, including the driver, fluids, and all equipment. If you wish to use the Championship's official scales, please contact the BIC Championship Coordinator on o.albuflasa@bic.com.bh, T.Altajer@bic.com.bh, or on 66725533. This is the competition weight that must be declared on this form. Please note that this is the absolute minimum weight that the car can reach to during the event. We suggest factoring in a safety buffer to avoid any issues.

2. Use the calculator available at www.crc.me/BTCC to assist in determining the target WHP. Once you get the target WHP, proceed to Step 3.

3. Tune to Derived WHP (Refer to TR Article 15.3)

After you derive the WHP, you will need to tune the vehicle to the WHP that you have calculated. Once that is done, you will need to do a dyno test (step 4) to demonstrate that the vehicle does not exceed the WHP you have tuned to.

4. Measure WHP on a Dynamometer (Dyno) (Refer to TR Article 24.3)

a. Take your vehicle to an approved dyno facility (refer to the list of approved facilities below) to measure its WHP. Ensure that your vehicle is in racing trim and conduct three back-to-back runs. The highest recorded WHP will be used as your declared value.

b. Dyno Instructions:

- The hood, doors, and boot must remain in a closed position during the dyno run.
- Tire Pressure: Tire pressures should be set at 35 psi.
- SAE Correction: J1349.
- Engine/Transmission Temperature: The engine and transmission must be at their operating temperatures.

5. Verify Compliance (Refer to TR Article 15.4)

Ensure that the WHP value you obtained from the dyno run complies with the calculated WHP limit based on your competition weight.

Once you have completed the above, please fill out the form below.

Competitor/Driver Name:

Enter the name of the competitor or driver.

Car Make:

Enter the name of the manufacturer of the car.

Car Model:

Enter the model of the car.

Engine Make:

Enter the engine manufacturer.

Engine Model:

Enter the engine model.

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Engine Capacity (cc):

Enter the engine capacity in cubic centimeters.

Vehicle Identification Number (VIN):

Enter the VIN.

ECU Make:

Enter the manufacturer of the ECU.

ECU Model:

Enter the model name or number of the ECU.

Declared Vehicle Weight (kg):

Please enter the total weight of the vehicle, including driver and any modifications or ballast.

Wheel Horsepower (whp):

Please enter the wheel horsepower measured on a dynamometer.

Date of Measurement:

Enter the date of the dyno measurement.

Location of Measurement (Dyno Facility):

Enter the location where the dyno measurement was taken.

Please attach a PDF copy of the three dyno runs:

Attach the required PDF.

Note: The declared vehicle weight and wheel horsepower will be subject to verification by the technical team.

Signature:

By signing, I confirm that I have read and understood the technical requirements and agree to comply with all stated obligations.

Signature: _____

Date: _____

List of Approved Dyno Facilities:

1. Aryan Xtreme Motorsports - Zallaq, Bahrain