



## Accessory Fitting Instructions

Upper Engine Bar Kit	
Kit Number	Models Affected
A9780275	Tiger 900, Tiger 900 GT, Tiger 900 GT Pro, Tiger 900 GT (LRH), Tiger 900 GT Aragon Edition, Tiger 900 Rally, Tiger 900 Rally Pro, Tiger 850 Sport

**Note:**

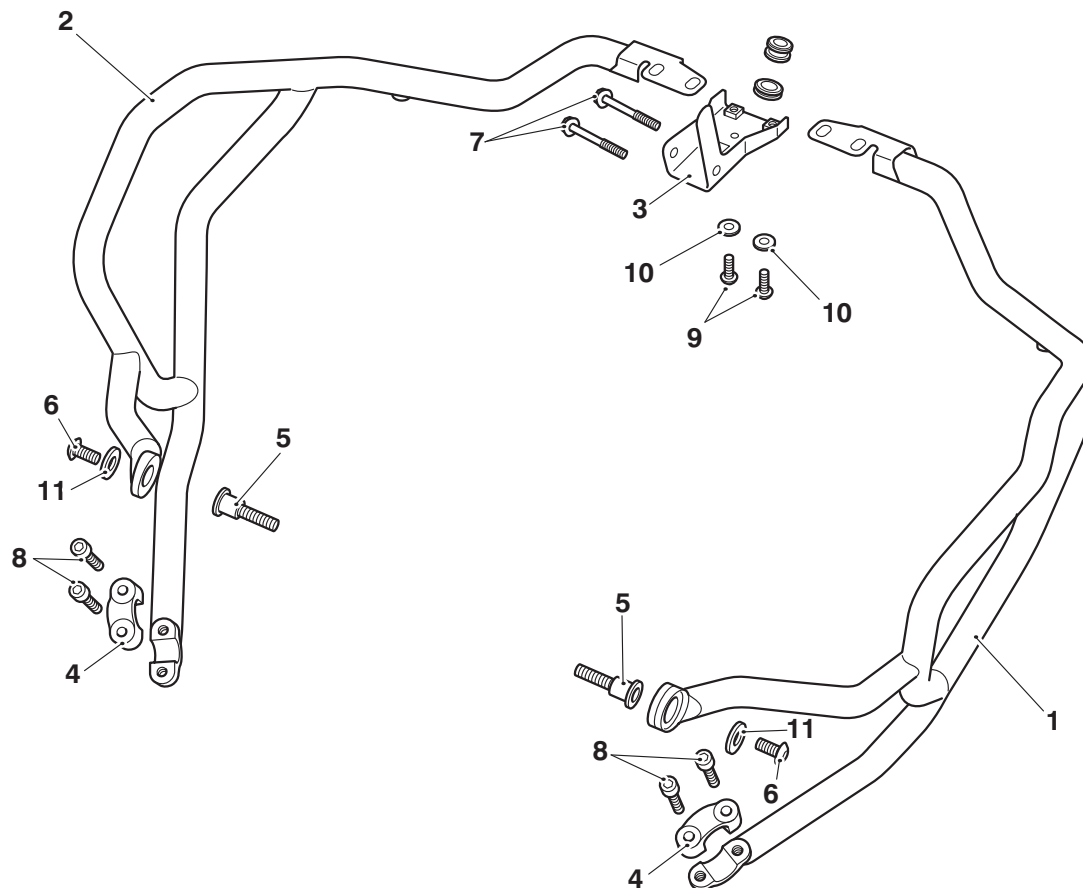
- **The Upper Engine Bar Kit list above can only be fitted to motorcycles which have lower engine bars installed.**

Thank you for choosing this Triumph genuine accessory kit. This accessory kit is the product of Triumph's use of proven engineering, exhaustive testing, and continuous striving for superior reliability, safety and performance.

Completely read all of these instructions before commencing the installation of the accessory kit in order to become thoroughly familiar with the kit's features and the installation process.

These instructions should be considered a permanent part of your accessory kit, and should remain with it even if your accessory equipped motorcycle is subsequently sold.

**Parts Supplied**



1.	Engine bar, right hand	1 off	8.	Fixing, M8 x 30 mm	4 off
2.	Engine bar, left hand	1 off	9.	Fixing, M6 x 20 mm	2 off
3.	Front mounting bracket	1 off	10.	Washer, M6	2 off
4.	Lower clamp	2 off	11.	Washer, M8	2 off
5.	Fixing, M10 x 35 mm (shouldered)	2 off	12.	Grommet, Ø 20 mm x 12 mm	1 off
6.	Fixing, M8 x 20 mm	2 off	13.	Grommet, Ø 22 mm x 6 mm	1 off
7.	Fixing, M8 x 55 mm	2 off			

**Warning**

Fit only genuine Triumph accessories to those models approved by Triumph as listed in the associated Triumph fitting instructions. The accessory kits covered in this instruction are designed for use on specific models of Triumph motorcycle. The accessory kits and the models applicable are listed at the start of the instruction. They should never be fitted to any other Triumph model or to any other manufacturer's motorcycle. Fitting an accessory kit to a Triumph model not listed, or to any other manufacturer's motorcycle will affect the performance, stability and handling of the motorcycle. This may affect the rider's ability to control the motorcycle and could result in an accident causing severe injuries or death.

**Warning**

Always have Triumph approved parts, accessories and conversions fitted by a trained technician of an authorised Triumph dealer. The fitment of parts, accessories and conversions by a technician who is not of an authorised Triumph dealer may affect the handling, stability or other aspects of the motorcycle's operation which may result in loss of motorcycle control and an accident.

**Warning**

Make sure the motorcycle is supported. A correctly supported motorcycle will help prevent it from falling. An unstable motorcycle may fall, causing injury to the operator or damage to the motorcycle.

**Warning**

A torque wrench of known accurate calibration must be used when fitting this accessory kit. Failure to tighten any of the fasteners to the correct torque specification may affect motorcycle performance, handling and stability. This may result in loss of motorcycle control and an accident.

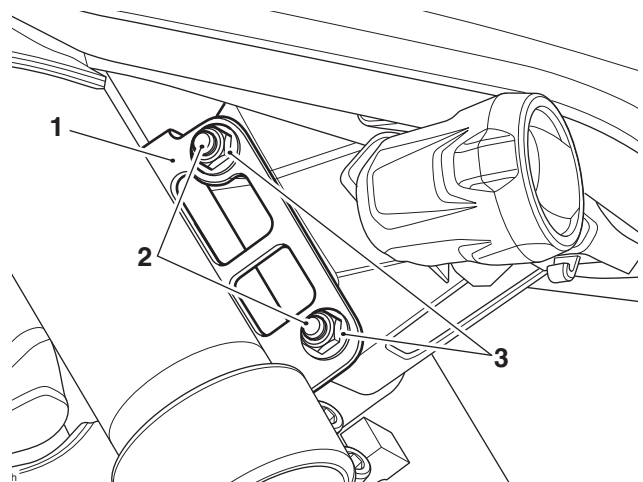
**Warning**

If the engine has recently been running, the exhaust system will be hot. Before working on or near the exhaust system, allow sufficient time for the system to cool, as touching any part of a hot exhaust could cause burn injuries.

**Note:**

- Triumph offers a broad range of approved genuine accessories for your motorcycle. We cannot therefore cover all possible equipment variations in these instructions. For removal and installation of Triumph Genuine Accessories, always refer to the instructions supplied with the respective accessory kit. To obtain additional copies of any Triumph accessory instructions, visit [www.triumphinstructions.com](http://www.triumphinstructions.com) or contact your authorised Triumph dealer.
- Make sure that the motorcycle Service Manual is available for reference during the fitting of this accessory kit.

1. Remove the front beak as described in the Service Manual.
2. Remove the two lock nuts and fixings from the front subframe mounting. Retain the lock nuts for reuse. Retain the fixings for reuse if the motorcycle is to be returned to its original condition.

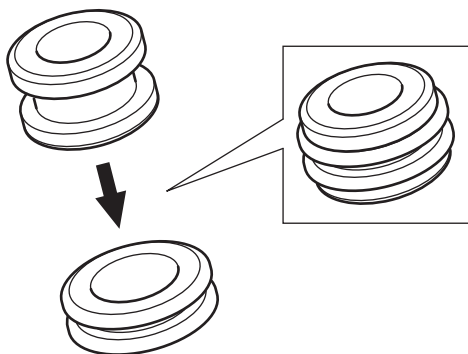


1. Front subframe mounting
2. Fixings
3. Lock nuts

**Note:**

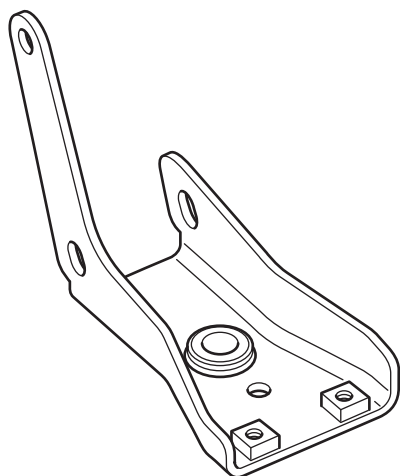
- Lock nuts can be re-used providing resistance can be felt when the locking portion passes over the thread of the fixing. Always use the correct replacement lock nut as recommended in the Triumph parts catalogue.

3. Making sure it locates correctly, fit the  $\varnothing 22\text{ mm} \times 6\text{ mm}$  grommet on to the  $\varnothing 20\text{ mm} \times 12\text{ mm}$  grommet, as shown.



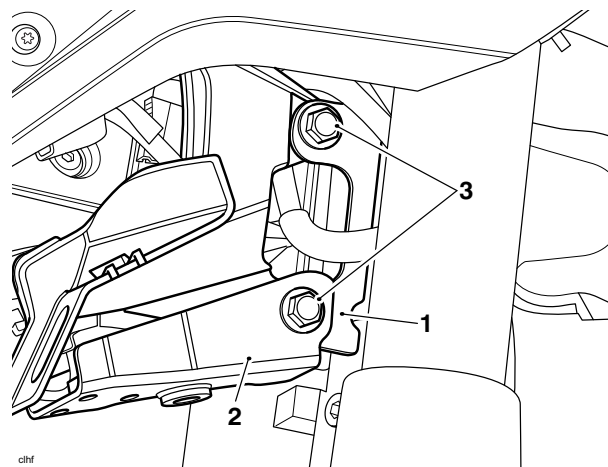
1. Grommet,  $\varnothing 22\text{ mm} \times 6\text{ mm}$
2. Grommet,  $\varnothing 20\text{ mm} \times 12\text{ mm}$

4. Fit the grommet assembly into the large hole in the front mounting bracket, as shown. Make sure the  $\varnothing 22\text{ mm} \times 6\text{ mm}$  grommet locates correctly in the mounting bracket.



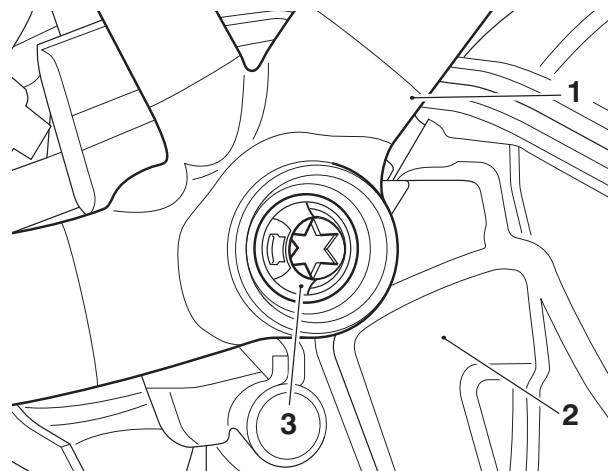
1. Front mounting bracket
2. Grommet assembly
3. Grommet,  $\varnothing 22\text{ mm} \times 6\text{ mm}$

5. Position the front mounting bracket on to the subframe mounting as shown. Fit the two M8 x 55 mm fixings from the kit with the original lock nuts. Tighten the fixings to **30 Nm**.



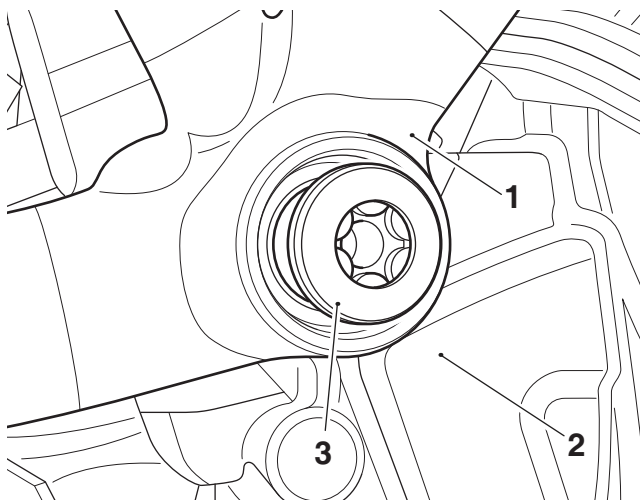
1. Subframe mounting
2. Front mounting bracket
3. Fixings M8 x 55 mm

6. Remove the right hand side rear cylinder head fixing. Retain the fixing for reuse if the motorcycle is to be returned to its original condition.



1. Motorcycle frame
2. Cylinder head
3. Fixing

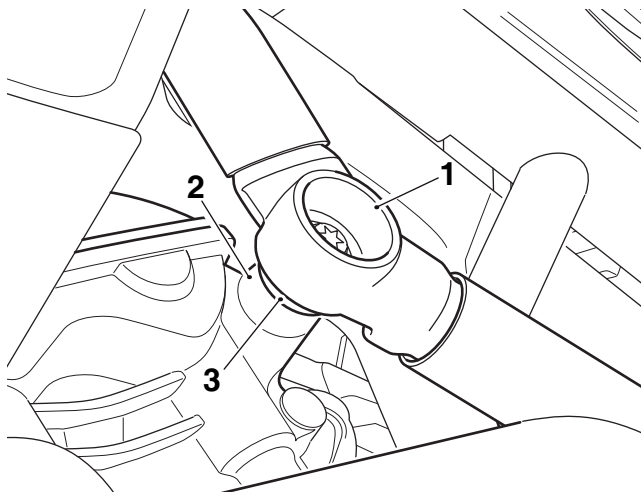
- Fit one of the M10 x 35 mm shouldered fixings from the kit through the frame in to the threaded boss on the cylinder head, as shown. Tighten the fixing to **48 Nm**.



- Motorcycle frame
- Cylinder head
- Fixing, M10 x 35 mm (shouldered)

**Note:**

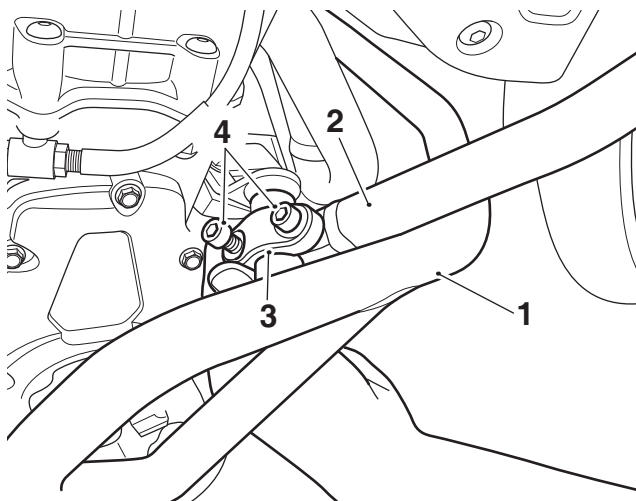
- When removing the left hand side rear cylinder head fixing, if the spacer fitted between the motorcycle frame and cylinder head becomes displaced it must be repositioned correctly as shown below, before fitting the M10 x 35 mm shouldered fixing from the kit.



- Motorcycle frame
- Cylinder head
- Spacer

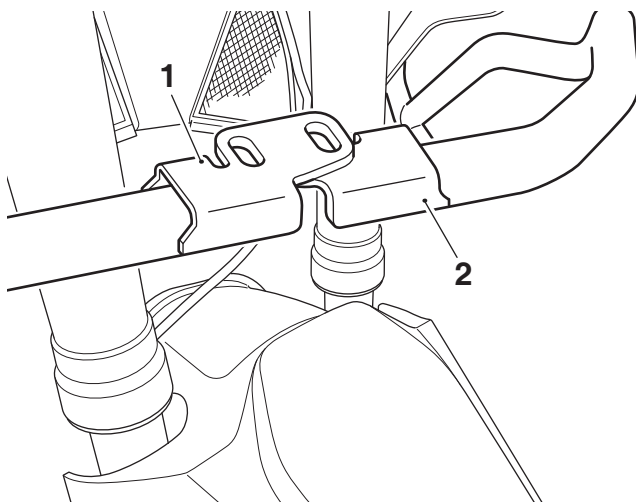
- Repeat step 6 and 7 for the left hand side rear cylinder head fixing.

- Position the right hand upper engine bar on to the lower engine bar on the right hand side of the motorcycle as shown below. Fit a clamp and two M8 x 30 mm fixings from the kit to retain the upper engine bar. Do not fully tighten the fixings at this stage.



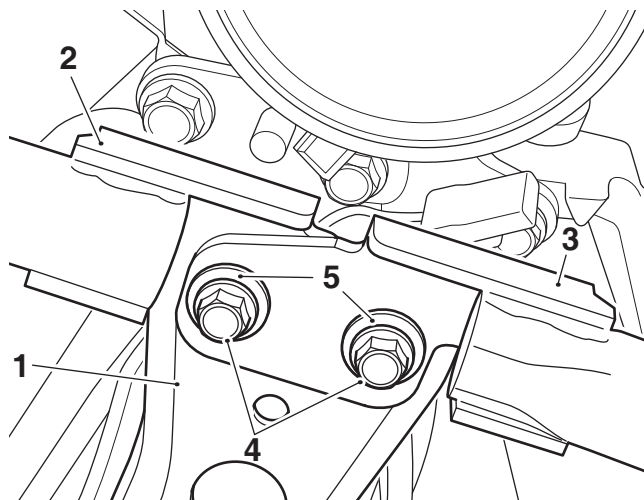
- Lower engine bar
- Upper engine bar, right hand
- Clamp
- Fixings, M8 x 30 mm

- Repeat step 9 for the left hand upper engine bar.
- Position the left hand upper engine bar front mounting under the right hand upper engine bar front mounting, as shown.



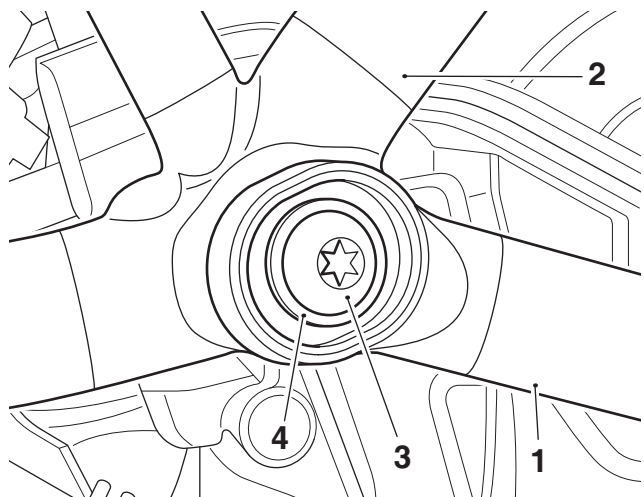
- Upper engine bar, right hand
- Upper engine bar, left hand

12. Align the right hand and left hand upper engine bars with the front mounting bracket and fit the M6 x 20 mm fixings and M6 washers from the kit. Do not fully tighten the fixings at this stage.



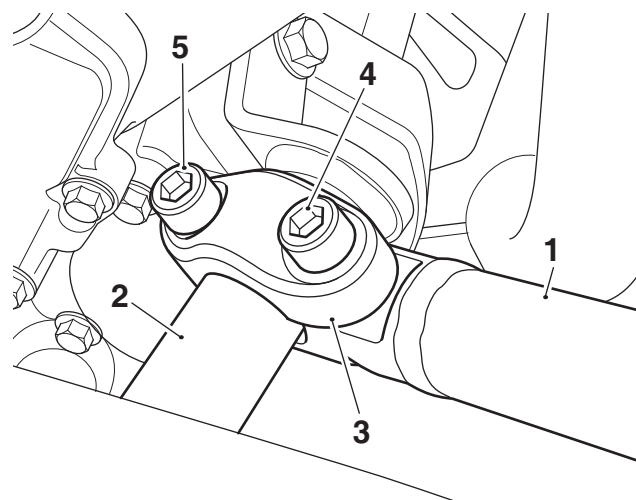
1. Front mounting bracket
2. Upper engine bar, right hand
3. Upper engine bar, left hand
4. Fixings, M6 x 20 mm
5. Washer, M6

13. Align the right hand side and left hand side engine bar third mounts with the rear cylinder head mountings on the motorcycle frame and fit the M8 x 20 mm fixings and M8 washers from the kit. Do not fully tighten the fixings at this stage.



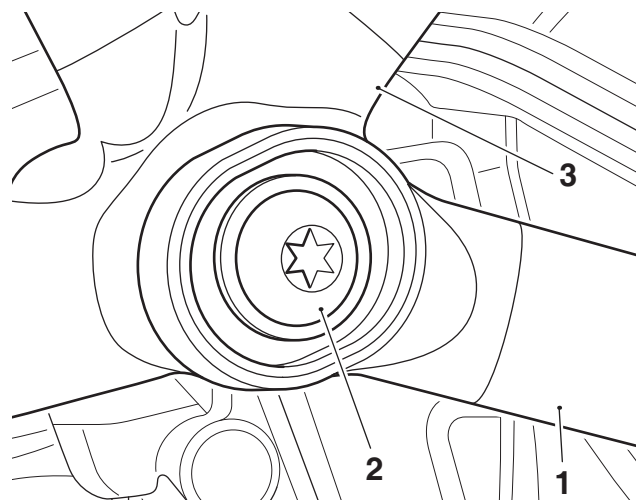
1. Engine bar third mount (right hand side shown)
2. Motorcycle frame
3. Fixing, M8 x 20 mm
4. Washer, M8

14. Tighten the right hand engine bar clamp front fixing first to **20 Nm**, then tighten the clamp rear fixing to **20 Nm**.



1. Upper engine bar
2. Lower engine bar
3. Clamp
4. Fixing, front
5. Fixing, rear

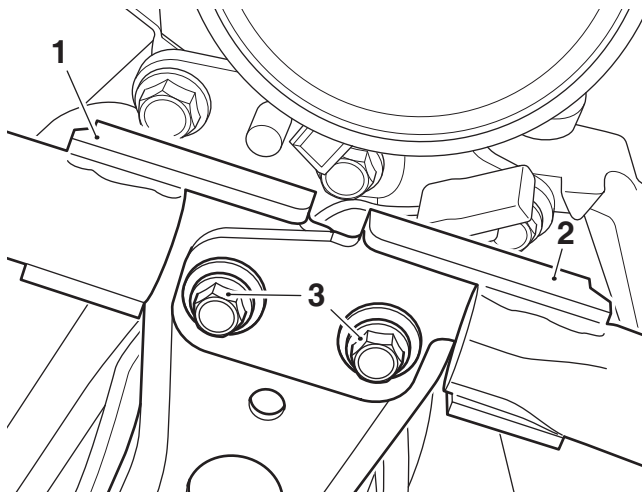
15. Tighten the right hand side engine bar third mount M8 x 20 mm fixing to **25 Nm**.



1. Engine bar third mount
2. Fixing, M8 x 20 mm
3. Motorcycle frame

16. Repeat steps 14 and 15 for the left hand side engine bar fixings.

17. Tighten the right hand and left hand upper engine bar M6 x 20 mm fixings to **14 Nm**.



1. Upper engine bar, right hand  
2. Upper engine bar, left hand  
3. Fixings, M6 x 20 mm

18. Refit the front beak, as described in the Service Manual.

**! Warning**

If, after fitting this accessory kit, you have any doubt about the performance of any aspect of the motorcycle, contact an authorised Triumph dealer and do not ride the motorcycle until the authorised dealer has declared it fit for use. Riding a motorcycle when there is any doubt as to any aspect of the performance of the motorcycle may result in loss of control of the motorcycle leading to an accident.

**! Warning**

Never ride an accessory-equipped motorcycle at speeds above 80 mph (130 km/h).

The presence of accessories will cause changes in the stability and handling of the motorcycle. Failure to allow for changes in motorcycle stability may lead to loss of control or an accident.

Remember that the 80 mph (130 km/h) limit will be reduced by the fitting of non-approved accessories, incorrect loading, worn tyres, overall motorcycle condition and poor road or weather conditions.

**! Warning**

The motorcycle must not be operated above the legal road speed limit except in closed-course conditions.

**! Warning**

Only operate this Triumph motorcycle at high speed in closed-course, on-road competition or on closed-course racetracks. High-speed operation should only be attempted by riders who have been instructed in the techniques necessary for high-speed riding and are familiar with the motorcycle's characteristics in all conditions.

High-speed operation in any other circumstances is dangerous and will lead to loss of motorcycle control and an accident.