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## Overview

This standard is about removing and replacing motorcycle transmission and driveline units and components previously identified as faulty, damaged, deteriorating or where a customer has requested a replacement, where dismantling and re-assembly of the transmission and driveline systems is required. Units and components are mechanical, electrical/electronic and hydraulic. It is also about evaluating the performance of replaced units and components. The units and components concerned are those not replaced as part of normal routine, motorcycle maintenance (servicing) activities.

In this standard the term 'motorcycle' includes motorcycles, scooters, mopeds and motorcycle-derived vehicles with three or four wheels (such as quad bikes) on which the rider sits.

## Performance criteria

### *You must be able to:*

P1. use suitable personal protective equipment and motorcycle coverings (where applicable) throughout all removal and replacement activities

P2. ensure the motorcycle and the work area is safe prior to work commencing

P3. support your removal and replacement activities by reviewing:

P3.1. motorcycle technical data

P3.2. removal and replacement procedures

P3.3. legal requirements

P4. prepare, check and use all the **equipment** required following manufacturer's instructions

P5. carry out all removal and replacement activities following:

P5.1. manufacturer's instructions

P5.2. industry recognised repair methods

P5.3. your workplace procedures

P5.4. health, safety and environmental requirements

P6. work in a way which minimises the risk of:

P6.1. damage to other motorcycle systems, units and components

P6.2. contact with leakage and hazardous substances

P6.3. damage to your working environment

P6.4. injury to self and others

P7. ensure replaced transmission and driveline **units and components** conform to the motorcycle operating specification and any legal requirements

P8. promptly record and report any additional faults you notice during the course of your work

P9. use suitable **testing methods** to accurately evaluate the performance of the reassembled system

P10. ensure the reassembled **transmission and driveline system** performs to the motorcycle operating specification and meets any legal requirements prior to return to the customer

P11. ensure your records are accurate, complete and promptly passed to the relevant person(s) in the format required

P12. complete all removal and replacement activities within the agreed timescale

P13. promptly report any expected delays in completion to the relevant person(s)

IMIMC12

Remove and replace motorcycle transmission and driveline units and components



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## Knowledge and understanding

*You need to know and understand:*