2016 ducati Multistrada 1200 Enduro (E4) Service Manual

- MTS(E4).01 General
- Symbols Abbreviations References
 - Product specifications
- Dangerous products warnings
 - General maintenance instructions
 - General safety rules
- MTS(E4).02 Model-specific information
- Model identification
 - Identification data
- MTS(E4).03 Technical data
- Technical specifications
 - Lights/instrument panel
 - Injection system
 - Fuel system
 - Injection-ignition system
 - Charging system/generator
 - Hydraulic brakes
 - Rear suspension
 - Rear wheel
 - Front suspension
 - Front wheel
 - Cooling system
 - Gearbox
 - Cylinder/piston
 - Crankshaft
 - Timing system/valves
 - Transmission
 - Colours
 - General
- Overall dimensions
 - <u>Dimensions</u>
- Fuel, lubricants and other fluids
 - Fuel, lubricants and other fluids
- Tightening torque settings
 - Engine tightening torque values
 - Frame tightening torque values
- Service tools
 - Diagnosis special tools
 - Frame special tools
 - Engine special tools
- MTS(E4).04 Maintenance operations
- Vehicle pre-delivery
 - Vehicle pre-delivery
- Scheduled maintenance chart
 - Operations to be carried out by the customer
 - Operations to be carried out by the dealer
- Maintenance operations
 - Filling the clutch hydraulic circuit

- Draining the clutch hydraulic circuit
- Changing the clutch fluid
- Adjusting the rear shock absorber
- Front fork adjustment
- Adjusting the position of the gearchange pedal and rear brake pedal
- Adjusting the front brake control lever
- Checking rear brake pad wear and replacing brake pads
- Checking front brake pad wear and replacing brake pads
- Adjusting the chain tension
- Adjusting the steering head bearing play
- Changing the fluid in the rear brake system
- Changing the fluid in the front brake system
- Changing the coolant
- Check coolant level
- Changing and cleaning the air filters
- Changing the spark plugs
- Change timing belts
- Checking valve clearance
- Changing the engine oil and filter cartridge
- Check engine oil level
- MTS(E4).05 Fairings
- Panel headlight fairing
 - Refitting the headlight fairing
 - Removing the headlight fairing
 - Refitting the panel
 - Removing the panel
- Fairings
 - Refitting the tank fairings
 - Removing the tank fairings
 - Refitting the front half-fairing
 - Removing the front half-fairing
- Seat tail guard and side body panels
 - Refitting the seat
 - Refitting side body panel and tail guard
 - Removing the side body panels and the tail guard
 - Removing the seat
- Front mudguard Belly pan
 - Refitting the belly pan
 - Removing the belly pan
 - Refitting the front mudguard
 - Removing the front mudguard
- Rear mudguard Splash guard
 - Refitting the rear mudguard
 - Removing the rear mudguard
- MTS(E4).06 Electric system and engine management
- Wiring diagram
 - Branch 10
 - Branch 9
 - Branch 8
 - Branch 7
 - Branch 6Branch 5
 - Branch 4
 - Branch 3
 - Branch 2
 - D 1 1
 - Branch 1

- Routing of wiring on frame
- Key to wiring diagram
- Technological Dictionary
- Acronyms and abbreviations used in the manual
- Charge system Battery
 - Rectifier-regulator
 - Alternator / Generator
 - Refitting the battery
 - Removing the battery
 - Topping up the electrolyte
 - Recharging the battery
 - Checking the battery charging system
- Electric starter
 - Solenoid starter
 - Starter motor
 - Electric starting system
- Lighting
 - Replacing the tail light bulbs
 - Tail light
 - Aligning the headlight
 - Replacing the headlight bulbs
 - Headlight
- Handlebar controls: controls
 - Right-hand switch
 - Left-hand switch
- Safety and protection sensors: controls
 - Horn
 - Checking the fuses
 - Side stand switch
 - Air temperature sensor
 - Engine temperature sensor
 - Clutch switch
 - Oil pressure sensor
 - Gear/neutral sensor
 - Rear stop switch
 - Front stop switch
- Electrical components: checks
 - Exhaust valve motor
 - Solenoid valves
 - Coils
- Electronic components: checks
 - Accelerometers
 - Bluetooth
 - Inertial Measurement Unit (IMU)
 - Knock Sensor
 - Accelerator Position System (APS)
 - Lambda sensors
 - Ducati Cornering Lights (DCL)
 - Local Interconnect Network (LIN)
 - VIN line
 - Anti-lock Braking System (ABS)
 - CAN line
 - Ducati Wheelie Control (DWC)
 - Ducati Traction Control (DTC)
 - Rpm sensor (pick-up)
 - Throttle Position System (TPS)
 - Electronic Throttle Valve (ETV)
 - Black Box System (BBS)

- Map sensor
- Engine control unit (ECU)
- Instrumentation: Dashboard
 - Restoring motorcycle operation via the PIN CODE
 - Key duplication
 - Error warnings
 - Warnings/Alarms
 - Main functions
 - Parameter setting/displaying
 - Function buttons
 - <u>Instrument panel</u>
- MTS(E4).07 Chassis
- Front wheel
 - Refitting the front wheel
 - Overhauling the front wheel
 - Removing the front wheel
- Rear wheel
 - Refitting the rear wheel
 - Overhauling the rear wheel
 - Removing the rear wheel
- Front brake control
 - Refitting the front brake system
 - Refitting the brake discs
 - Overhauling the front brake components
 - Removing the brake discs
 - Removing the front brake system
 - Maintenance operations
 - Refitting the front brake master cylinder
 - Removing the front brake master cylinder
- Rear brake
 - Refitting the rear brake calliper
 - Refitting the rear brake disc
 - Removing the rear brake disc
 - Removing the rear brake calliper
 - Refitting the rear brake control
 - Disassembling the rear brake control
 - Removing the rear brake control
- ABS system information
 - ABS system deactivation
 - ABS system operation information
 - Operating principle
- ABS system components
 - Routing wiring harnesses/hoses
 - Refitting the ABS control unit
 - Removing the ABS control unit
 - Changing the rear phonic wheel sensor
 - Changing the front phonic wheel sensor
- ABS component maintenance
 - Bleeding of the ABS hydraulic system
 - Adjusting the AIR-GAP of phonic wheel sensor
- Handlebar unit: hand guard rear.view mirrors throttle control
 - Refitting the handlebar
 - Removing the handlebar
 - Reassembling the hand guards
 - Removing the hand guards
 - Refitting the rear-view mirrors
 - Removing the rear-view mirrors

- Handlebar assembly: Throttle twistgrip
 - Refitting the throttle control
 - Removing the throttle control
- Handlebar assembly: Hydraulic clutch control
 - Refitting the clutch slave cylinder
 - Removing the clutch slave cylinder
 - Refitting the clutch master cylinder assembly
 - Removing the clutch master cylinder assembly
- Handlebar assembly: Hands free
 - Refitting the Hands Free
 - Removing Hands Free
- Steering damper
 - Refitting the steering damper
 - Removing the steering damper
- Gear selector control
 - Refitting the gear change control
 - Disassembling the gear change control
 - Removing the gear change control
- Fork steering head: Front fork
 - Refitting the front fork
 - Overhauling the front fork
 - Removing the front fork
- Fork steering head: Steering assembly
 - Refitting the steering tube components
 - Removing the steering tube components
 - Steering angle adjustment
 - Adjusting the steering head bearing clearance
- Rear shock absorber assembly
 - Refitting the rear suspension
 - Overhauling the rear shock absorber
 - Removing the rear shock absorber
 - Rear suspension system
- Swinging arm
 - Refitting the rear swinging arm
 - Overhauling the rear swinging arm
 - Inspecting the swinging arm shaft
 - Removing the swinging arm
- Final drive
 - Lubricating the chain
 - Washing the chain
 - Refitting the rear sprocket
 - Replacing the rear sprocket
 - Refitting the front sprocket
 - Removing the front sprocket
 - Inspection of the final drive
- Footrest support
 - Refitting the footpegs
 - Removing the footpegs
- Stands
 - Refitting the centre stand
 - Removing the centre stand
 - Refitting the side stand
 - Removing the side stand
- Inspecting the frame
 - Refitting the light assembly
 - Refitting the side plates
 - Refitting the structural parts and frame
 - Removing the side panels

It's a preview. You can download the full file by clicking the link below.

https://shopservicemanual.com/

Service Manuals from 2\$