

KAF400 - Mule SX Speedometer kit Installation Instructions

Part Number	Description	Model	Approx. Assembly Time
MD52-253-KAF400	SPEEDOMETER	Mule SX	60 Minutes

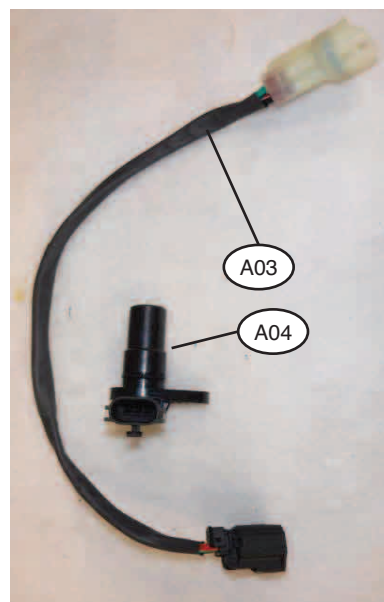
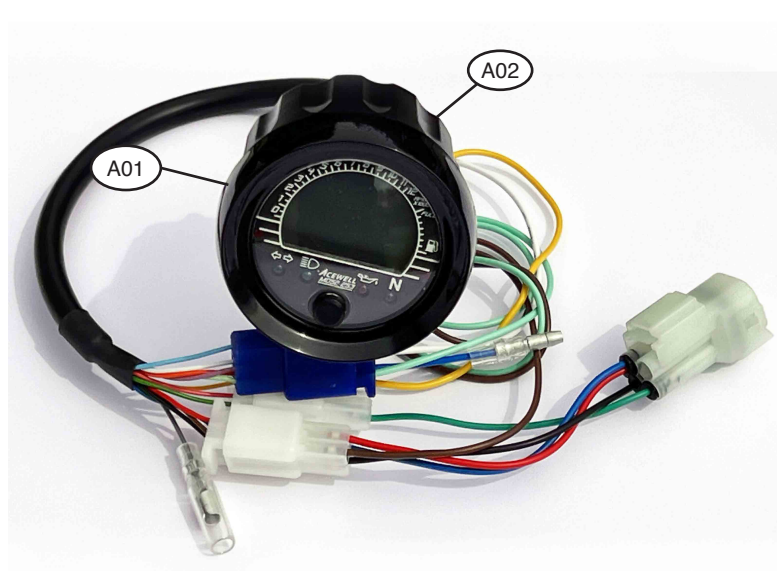
Before you begin, read through these instructions and check that all parts are present.
Please note that Quadtech cannot assume any responsibility for damage resulting from incorrect installation.

Quadtech recommends that all this kit be fitted by an authorized Kawasaki / Quadtech dealer.

Parts List:

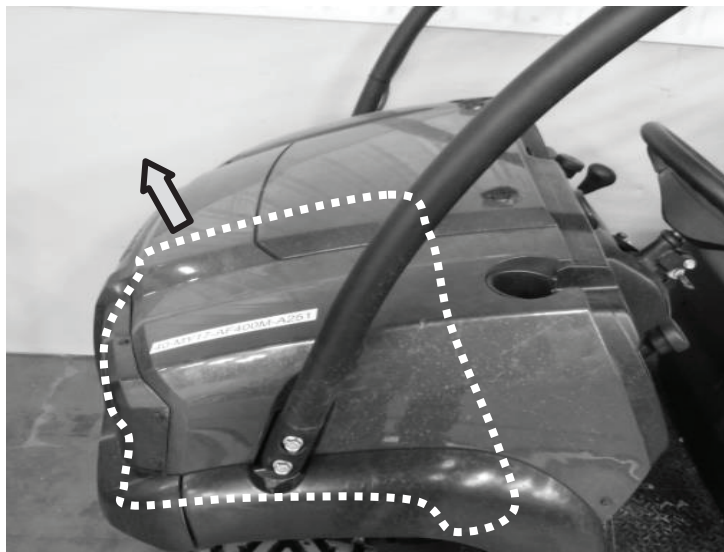
Ref. #	Description	Qty
A01	Speedometer	1
A02	Nut, 52mm	1
A03	Speed Sensor Harness	1
A04	Speed Sensor 21176-0044	1

Parts Diagram:



Installation Instructions:

1. Park the vehicle on level ground, set the parking brake, turn off the ignition switch.
2. Remove hood from vehicle as described in service manual. Place on a smooth and clean work surface.



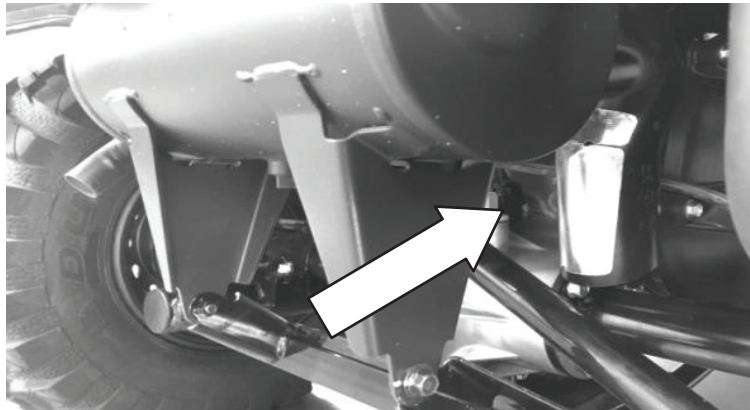
3. Unplug connectors from the back of the fuel gauge / hour meter and then remove the meter
4. Remove the fuel gauge / hour meter
5. Insert speedometer / fuel gauge / hour meter through hole vacated by removing fuel gauge and screw A02 nut onto the back to secure in place
6. Locate the covered connector under the hood and to the left of the steering column. Remove the connector cover.



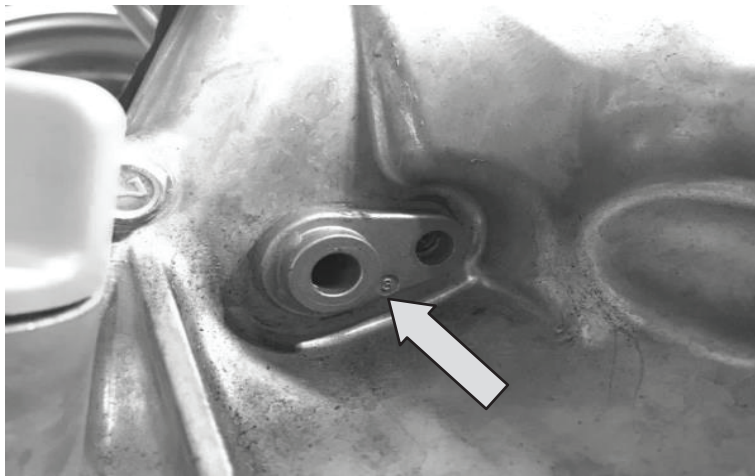
7. Connect speedometer 4 pin connector (with rubber seals) to vehicle connector.



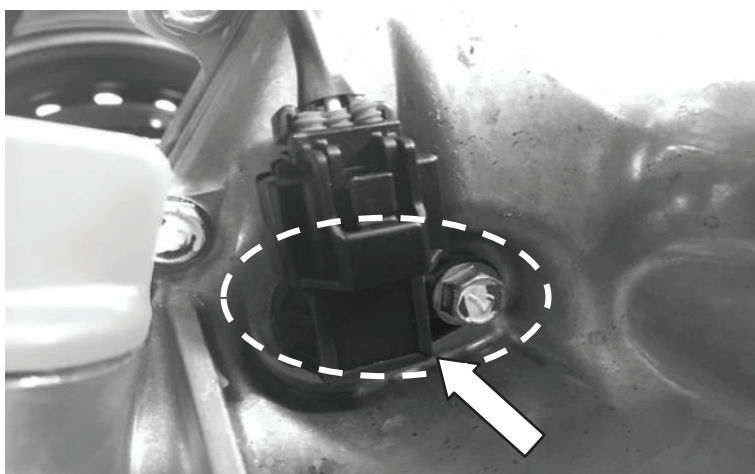
8. Connect white wire from Acewell speedometer to Blue wire removed from fuel gauge
This wire is the fuel level sensing wire
9. Connect yellow wire from Acewell speedometer to Orange/White wire removed from fuel gauge.
This wire takes a feed from the alternator to run the hour meter. NOTE the RPM displayed will not be accurate
10. Connect brown wire from the Acewell speedometer to white wire running from ignition key to fusebox
This wire is the permanent positive wire to power the clock in the new speedometer
11. Connect blue wire from the Acewell speedometer to white wire on the Quadtech lighting harness
This wire is for the indicator repeater
12. Connect light green wire from the Acewell speedometer to the high beam output of the headlight switch
This wire is for the high beam repeater
13. Locate speed sensor mounting location.



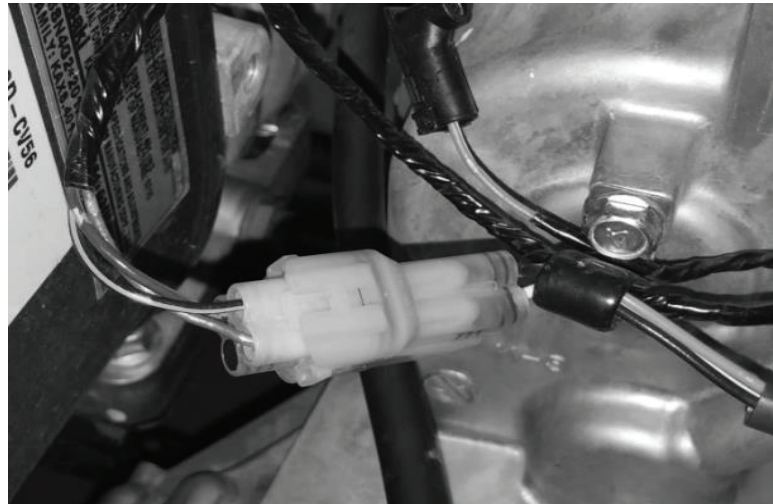
14. Remove temporary speed sensor cover. Do not discard screw.



15. Install the speed sensor (A04) with the screw used for the sensor cover.
Connect the speed sensor harness (A03) to the speed sensor.



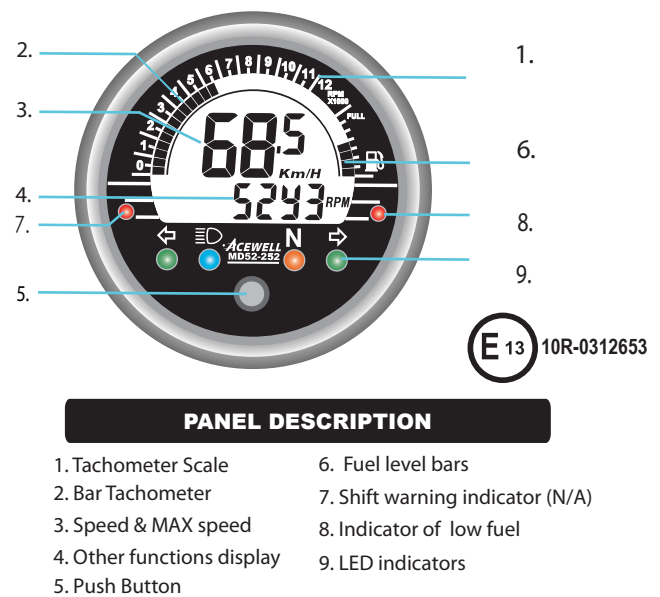
14. Locate the vehicle speed sensor connector, remove the cap and connect the speed sensor.



15. Turn on ignition key

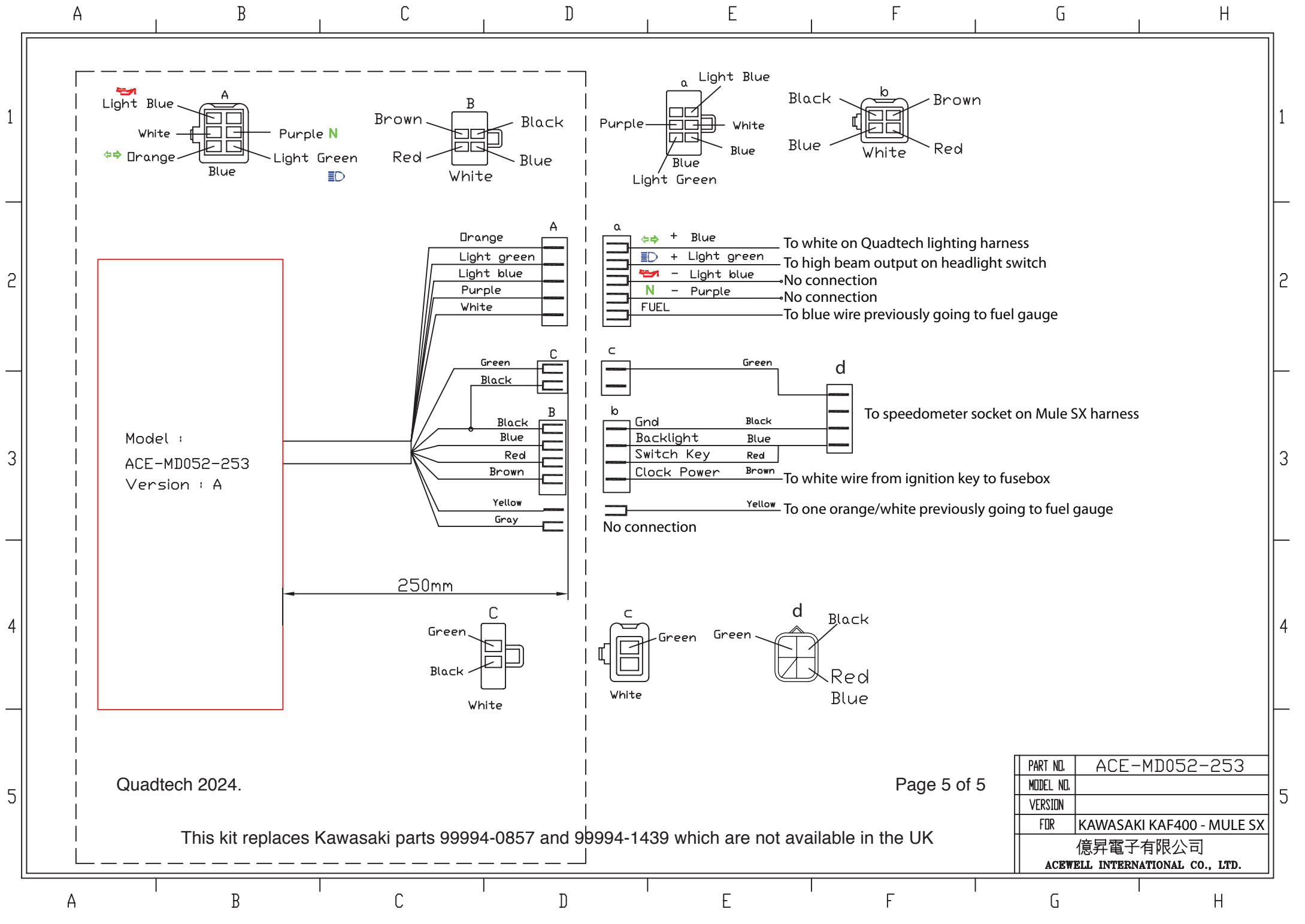
16. Acewell speedo calibration

- * Press button repeatedly until SET appears on screen
- * Press button for 2 seconds to enter setup mode
- * Pressing button for 2 seconds saves the setting and moves to the next setting, briefly pressing the button increments the highlighted value
- * Set 12/24h clock
- * Set time
- * Set RPM to 20000
- * Set SP RPM to 1R4P
- * Set C (wheel circumference) to 1920mm for a 24" rear tyre
- * Set P to the number of pulses from the sensor per turn of the wheel
- * Set speed mode to MPH from km/h
- * Set 100.0 to OFF
- * Set fuel level to 100 (or -100 if fuel gauge works upside down)
- * Preset odometer if replacing an existing speedometer
- * Hold button for 2 seconds
- * Turn off ignition key and then back on again



PANEL DESCRIPTION

- | | |
|----------------------------|----------------------------------|
| 1. Tachometer Scale | 6. Fuel level bars |
| 2. Bar Tachometer | 7. Shift warning indicator (N/A) |
| 3. Speed & MAX speed | 8. Indicator of low fuel |
| 4. Other functions display | 9. LED indicators |
| 5. Push Button | |



Model :
ACE-MD052-253
Version : A

Quadtech 2024.

This kit replaces Kawasaki parts 99994-0857 and 99994-1439 which are not available in the UK

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PART NO.	ACE-MD052-253
MODEL NO.	
VERSION	
FOR	KAWASAKI KAF400 - MULE SX
億昇電子有限公司 ACEWELL INTERNATIONAL CO., LTD.	