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M1506: Recall 0175 - 2019-2020 Harley-Davidson Trike - Traction Control

RECALLS

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M1506: Recall 0175 - 2019-2020 Harley-Davidson Trike - Traction Control

oemdtc December 12, 2019 No Comments

November 22, 2019 NHTSA CAMPAIGN NUMBER: 19V843000

Unintended Activation of One Rear Brake

Unintended activation of one rear brake could lead to an unexpected change in vehicle direction which may increase the risk of a crash.

NHTSA Campaign Number: 19V843

Manufacturer Harley-Davidson Motor Company

Components TRACTION CONTROL SYSTEM

Potential Number of Units Affected 12,624

Summary

Harley-Davidson Motor Company (Harley-Davidson) is recalling certain 2019-2020 FLHTCUTG, and FLRT Trike motorcycles. The Trike Traction Control System software may respond incorrectly to a faulty rear wheel speed signal by activating one of the rear brakes.

Remedy

Harley-Davidson has notified owners, and dealers will update the traction control system software, free of charge. The recall began December 2, 2019. Owners may

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contact [Harley-Davidson](#) customer service at 1-800-258-2464. [Harley-Davidson's](#) number for this recall is 0175.

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Notes

Owners may also contact the National Highway Traffic Safety Administration Vehicle Safety Hotline at 1-888-327-4236 (TTY 1-800-424-9153), or go to www.safercar.gov.

[Check for Harley-Davidson Recalls](#)

M1506: RECALL 0175 - 2019-2020 TRIKE - TRACTION CONTROL

Purpose for Service Bulletin

To inform dealers of a safety recall for 2019-2020 Trikes with traction control, refer to Table 1. The Trike may respond incorrectly to a faulty rear WSS ([Wheel Speed Sensor](#)) signal by activating one of the rear [brakes](#). Unintended activation of one rear brake could lead to an unexpected change in the vehicle direction which may increase the risk of a crash.

Motorcycles Affected

Trikes built between March 12, 2018 and November 05, 2019. Refer to Table 1.

Table 1. Trike - Years and Models

Year	Model
2019 - 2020	FLHTCUTG, FLRT, FLHTCUTGSE

Markets Affected

All markets are affected.

Required Dealer Action

- Verify that vehicle is part of recall 0175.
 - [H-Dnet.com](#) > FAVORITES > MY TOOLBOX > Vehicle Information. Then enter the VIN (Vehicle Identification Number) of the vehicle in question.
- Connect a [battery](#) charger to vehicle, equivalent to: Special Tool: GLOBAL 5 AMP BATTERY CHARGER (66000041)
- Turn vehicle ON.
 - Keyed Vehicle: Turn ignition switch ON.
 - Keyless Vehicle: With fob present, switch RUN/STOP switch to RUN.

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Ask a Mechanic Now
Chris (aka- Moose), Technician

4. Connect DT II (Digital Technician II) to vehicle. Special Tool: DIGITAL TECHNICIAN II (HD-48650)

5. Upload vehicle information.

6. Verify that update has been performed.

- a. Go to Toolbox > System Information
- b. Reduce all tabs to only read [ABS](#) (Anti-lock Braking System).
- c. Verify the following before and after Items and Values in Table 2.
- d. If the values have an "A" suffix the recall has been completed. Stop recall.
- e. If the values do not have an "A" suffix the recall has not been completed. Go to Step 7.

7. Go to Reflash icon.

- a. Verify that DT II has been updated to 20.6.
- b. Under the [ABS](#) Available Calibration column, verify that 40800140R is present. Refer to Table 3.
- c. If the suffix "R" is not present, the DT II unit has not been updated. Stop reflash until unit has been updated to 20.6.
- d. If the suffix "R" is present, the DT II unit has been updated. Go to Step 8.

NOTE

[ABS](#) Service procedure is not needed after a reflash, the hydraulic system was not opened to perform reflash.

8. Download [ABS](#) reflash to vehicle.

- a. Follow the direction screens in DT II.

NOTE

DO NOT verify installation by going back to the Reflash screen. The calibration numbers in that screen will not change after reflash has been completed.

9. Verify that update has been installed.

- a. Go to Toolbox > System Information
- b. Verify the following Values (After Reflash) are correct as in Table 2.

10. Clear all DTCs (Diagnostic Trouble Codes).

Table 2. Before and After Reflash Values

Source	Item	Value (Before Reflash)	Value (After Reflash)
ABS	Homologation ID	40800138DEV1	40800138A
ABS	Application Software PN	40800139DEV1	40800139A

16 years experience



Pearl Wilson, Auto Mechanic's Assistant

Welcome! What's going on with your car?

Type your message...

Send

Table 3. ABS Reflash Information

Module Present	Current Calibration	Available Calibration
ABS	40800140	40800140R

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IMPORTANT RECALL INFORMATION

Safety Recall Campaign 0175 – Trike Traction Control

HIGHLIGHTS

- Harley-Davidson Motor Company, Inc. has decided that a defect which relates to motor vehicle safety exists on certain model year 2019 and 2020 Trike models (FLHTCUTG, FLRT, FLHTCUTGSE) built between 3/12/18 and 11/5/19 in the U.S.
- Electro-hydraulic control unit (EHCU) software on affected motorcycles may respond incorrectly to a faulty rear wheel speed signal by activating one of the rear brakes. Unintended activation of one rear brake could lead to an unexpected change in vehicle direction, which may increase the risk of a crash.
- For motorcycles in the recall population, review and complete actions described below prior to each ride until the required recall service is complete.

KEY DATES

Shop Related Products



Harley-Davidson Bar & Shield Trailer Hitch Cover 2" Stainless Steel
\$51.95

(229)



Sonax (230200-755) Wheel Cleaner Full Effect - 16.9 fl. oz.
\$16.19

(2601)



OEMTOOLS 27194 Professional Brake Tool Set, 8-Piece
\$57.73

(41)



Dorman 970-012 ABS Wheel Speed Sensor for Select Models
\$12.00

(564)

Ads by Amazon

- Week of 11/25/19: Digital Technician 2 software update available for dealers to download.
- Week of 11/25/19: Service Bulletin posts
- Week of 11/25/19: Owner notification letters begin mailing

CONTACT

- U.S. dealers: Call 800-664-7762 and select the appropriate prompts
- International dealers: Contact their regional office

November 25, 2019

Worldwide Dealers:

Harley-Davidson has learned that the Trike Traction Control System software used on model year 2019 and 2020 Trike models (FLHTCUTG, FLRT, FLHTCUTGSE) built between 3/12/18 and 11/5/19 may respond incorrectly to a faulty rear **wheel** speed signal by activating one of the rear **brakes**. Unintended activation of one rear brake could lead to an unexpected change in vehicle direction which may increase the risk of a crash.

We have voluntarily declared that this condition constitutes a safety defect to allow us to formally recall (Campaign 0175) all affected **motorcycles**. The remedy is to first confirm that the **motorcycles** are covered by this recall. If covered, perform the recommended service per the service bulletin using the software download. A service bulletin (M1506) outlining the repair and credit procedures will be posted prior to the software release; reference the bulletin for additional information.

In the interest of our mutual customers' safety, and as required by federal law, you may sell but **not deliver** any **motorcycles** until the remedy is complete. **Please refer to H-Dnet / My Toolbox / Warranty Campaign Center. Select "Safety Campaign Open VIN list," then select "0175" Campaign to view the VIN list.**

In accordance with federal regulations administered by **NHTSA** and other appropriate market-specific government agencies, **Harley-Davidson** Motor Company, Inc. or authorized HarleyDavidson dealers will provide notice to all owners of record of affected products with direction to arrange for the recall service.

The owner letter will include the following direction, which should also be followed by all dealership personnel operating affected motorcycles:

IMPORTANT: Should you choose to ride your **motorcycle** before this safety recall service has been completed, to reduce the risk associated with this condition, we recommend that you disable traction control on your **motorcycle** BEFORE each ride per the following procedure:

1. Start **motorcycle**, but do not begin moving. (Note: The (TC) icon in the tachometer will be flashing.)
2. Press and hold the (TC) button on the left hand control until the (TC) icon remains illuminated (solid) in the tachometer.
3. Do not touch the (TC) button during vehicle operation.
4. Since the system resets with every ignition switch cycle, this procedure needs to be performed at the beginning of every ride until the safety recall service has been completed.

NOTE: While the Traction Control function will be disabled, this does not affect other functions of the Reflex Defensive Rider System (RDRS). Reflex-Linked **Brakes** with Cornering-Enhanced **ABS** and Drag Torque Slip Control systems will remain operational.

Sincerely,
Harley-Davidson Motor Company, Inc.
0175

For: Dealer Operator, General Manager, All P&A Roles, All Service Roles, Vehicle Sales Manager

Sent to: All Dealers (Worldwide, except Brazil and Caribbean markets)

IMPORTANT SAFETY RECALL

Owner Notification

This notice applies to your vehicle, VIN # 1HD1MAF1XKB

Decembert 3, 2019

Harley-Davidson Recall No. 0175

NHTSA Recall No. 19V843

Shares Dear [Harley-Davidson](#)® [Motorcycle](#) Owner:

This notice is sent to you in accordance with the National Traffic and Motor Vehicle Safety Act.

[Harley-Davidson](#) Motor Company, Inc. has decided that a defect which relates to motor vehicle safety exists on certain model year 2019 - 2020 Trike models (FLHTCUTG, FLRT, FLHTCUTGSE). We are notifying you because our records indicate that you may own one of these [motorcycles](#).

What is the Issue?

The electro-hydraulic control unit (EHCU) software on affected [motorcycles](#) may respond incorrectly to a faulty rear [wheel](#) speed signal by activating one of the rear [brakes](#). Unintended activation of one rear brake could lead to an unexpected change in vehicle direction which may increase the risk of a crash.

What Should You Do?

Revised software to address this condition will be available the week of November 25. Please contact your [Harley-Davidson](#) dealer to schedule an appointment to have the repair performed **at no cost to you**. The repair will take less than one hour to perform. However, due to scheduling, the dealer may require your [motorcycle](#) for a longer period of time. To verify that the service has been completed, your dealer will ask you to sign a recall claim.

IMPORTANT: Should you choose to ride your [motorcycle](#) before this safety recall service has been completed, to reduce the risk associated with this condition, we recommend that you disable traction control on your [motorcycle](#) BEFORE each ride per the following procedure:

1. Start [motorcycle](#), but do not begin moving. (Note: the (TC) icon in the tachometer will be flashing.)
2. Press and hold the (TC) button on the left hand control until the (TC) icon remains illuminated (solid) in the tachometer. This reflects that traction control is
3. Do not touch the (TC) button during vehicle operation.
4. Since the system resets with every ignition switch cycle, this procedure needs to be performed at the beginning of every ride until the safety recall service has been completed.

NOTE: While the Traction Control function will be disabled, this does not affect other functions of the Reflex Defensive Rider System (RDRS). Reflex-Linked [Brakes](#) with Cornering-Enhanced [ABS](#) and Drag Torque Slip Control systems will remain operational.

If you have sold your [motorcycle](#) and have an address for the current owner, it is important that you forward this notice to the new owner. Alternatively, you may contact us at the Harley- Davidson phone numbers listed below and provide us with the new contact information so that we may notify the new owner of this recall. Also, Federal law requires that any vehicle lessor receiving this recall notice must forward a copy of this notice to the lessee within ten days.

What If You Have Additional Questions or Concerns?

For more information, or if you take your [motorcycle](#) to your dealer on a mutually agreed upon date and they are unable to perform the required service to your satisfaction, please contact [Harley-Davidson](#) Motor Company, Inc. for immediate assistance at 1-800-258-2464 in the U.S. or 1-414-343-4056 world-wide.

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If you are still having difficulty getting your vehicle serviced in a reasonable time, you may write the Administrator, National Highway Traffic Safety Administration, 1200 New Jersey Avenue, SE, Washington, DC 20590; or call the toll-free Auto Safety Hotline at 1-888-327-4236 (TTY: 1-800-424-9153); or go to <http://www.safercar.gov>.

We regret any inconvenience this may cause you, but we are initiating this action in the interest of your personal safety and satisfaction with our products. Thank you for your cooperation.

Sincerely,

[Harley-Davidson](#) Motor Company, Inc. Recall 0175

5 Affected Products

Vehicles

MAKE	MODEL	YEAR
HARLEY-DAVIDSON	FLHTCUTG	2019-2020
HARLEY-DAVIDSON	FLHTCUTGSE	2020
HARLEY-DAVIDSON	FLRT	2019-2020

6 Associated Documents

Defect Notice 573 Report

[RCLRPT-19V843-5899.PDF 213.834KB](#)



Manufacturer Name : Harley-Davidson Motor Company Nu
 Address : 3700 W. Juneau Avenue Estir
 Milwaukee WI 53201-0653
 Company phone : (414) 343-4056

Vehicle Information :

Vehicle 1 : 2019-2019 Harley-Davidson Trike: FLHT

[Download \[208.82 KB\]](#)

Remedy Instructions and TSB

[RCRIT-19V843-5514.pdf 113.503KB](#)

SERVICE BULL

M1506

M1506: RECALL 0175 - 2019-2020 TRII

Purpose for Service Bulletin

To inform dealers of a safety recall for 2019-2020 Trikes with traction control, refer to Table 1. The Trike may respond incorrectly to a faulty rear WSS (Wheel Speed Sensor) signal by activating one of the rear brakes. Unintended activation of one rear brake could lead to an unexpected change in the vehicle direction which may increase the risk of a crash.

Motorcycles Affected

Trikes built between March 12, 2018 and November 05, 2019. Refer to Table 1.

Table 1. Trike - Years and Models

Year	Model
2019 - 2020	FLHTCUTG, FLRT, FLHTCUTGSE

6. Ver

a.

b.

c.

d.

e.

7. Go

[Download \[110.84 KB\]](#)

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Recall Acknowledgement

[RCAK-19V843-3724.pdf 244.125KB](#)



U.S. Department of Transportation
**National Highway Traffic Safety
Administration**

December 11, 2019

Mr. Michael Nixdorf
Director, Product Integrity
Harley-Davidson Motor Company
11800 W. Capitol Drive
Wauwatosa, WI 53222

Subject: Unintended Activation of One Rear Brake

Dear Mr. Nixdorf:

This letter serves to acknowledge Harley-Davidson Motor Company's notification to the National Highway Traffic Safety Administration (NHTSA) of a safety recall which will be conducted pursuant to review the following information to ensure that it conforms to your records as they exist. If the information does not agree with your records, please contact us immediately.

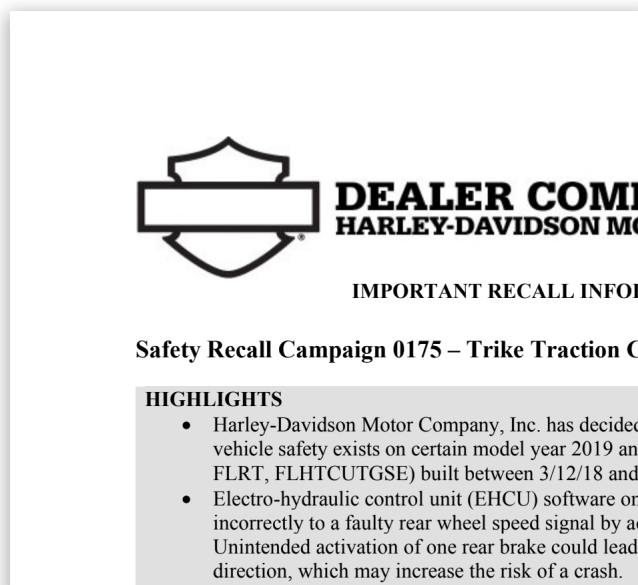
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Manufacturer Notices(to Dealers,etc) - Safety Recall Campaign 0175 – Trike Traction Control

[RCMN-19V843-1027.pdf 46.575KB](#)



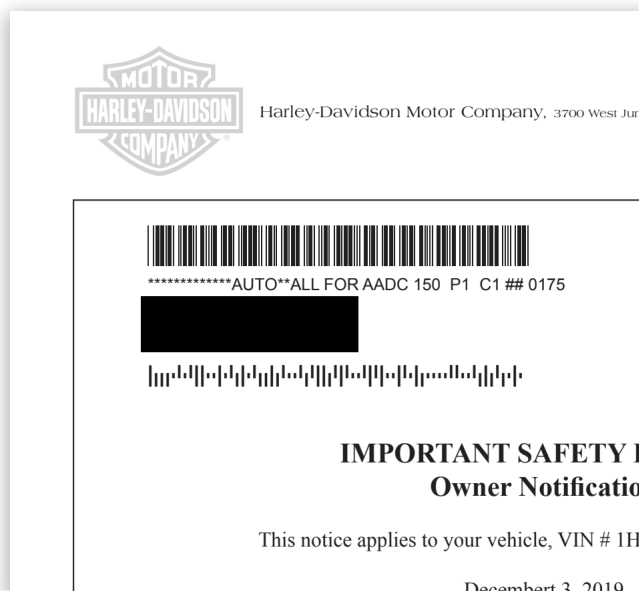
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ISSUED Owner Notification Letter(Part 577)

[RCONL-19V843-2430.pdf 190.294KB](#)



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Chronology

[RMISC-19V843-5573.pdf](#) 51.628KB

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Harley-Davidson Motor Co
 H-D Recall 0175
 NHTSA Recall No. 19V
 Trike Traction Control Sy
 November 22, 2019

Chronology

10/5/18 – H-D’s Service organization documented a Service Reqt the traction control system on a 2019 Trike FLHTCUTG activated veer off the intended course and crash (with injuries). (This vehi personnel, but no defects were found or pre-crash Traction Cont

10/30/18 – The TSC conducted a review of the Service Request a

11/02/18 – An initial warranty/field service review was conducte

[Download \[50.42 KB\]](#)

Latest Recalls Documents

<https://www-odi.nhtsa.dot.gov/acms/cs/documentList.xhtml?docId=19V843&docType=RCL>

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BESTSELLER NO. 1



AntiBreak Motor 10pin OBD Diagnostic Cable Adapter Used Motorcycles

- [BMW](#) 10-pin OBD adapter for [motorcycles](#)- Allows K-line and DCAN diagnostics.the 10pin cable Suitable with GS-911,OBLink,Motorscan...
- Motor 10pin cable Allows K-line and DCAN diagnostics software - ISTA/D ISTA/P Rheingold
- 10pin Motor cable Designed to work with just a laptop and regular K-line and/or DCAN interface
- Motor 10pin cable Supports diagnostic software: ISTA/D ISTA/P Rheingold
- [BMW](#) 10-pin OBD adapter for [motorcycles](#) and 5 years warranty

\$15.99

Price incl. tax, excl. shipping

BESTSELLER NO. 2



Aramox Motorcycle Diagnostic Tool, Handheld Scanner Motorbike Diagnostic Fault Code Reader Tool MST-500 Aftermarket Maintenance of Motorcycles.

- Wide range of applications: High-quality [motorcycle](#) EFI system diagnostic instrument can meet the detection and diagnosis of multiple [motorcycle](#) EFI systems. It is indeed an ideal tool for aftermarket maintenance of [motorcycles](#).
- Large capacity: Scanner tool which adopts a 32-bit processor and a 3.2-inch color screen supports large capacity memory. The product features in easy operation, good touch feeling, and long durability.
- Strong practicability, multiple functions: Read information system, read data stream, freeze data, read fault code, erase fault codes, CO idle speed adjustment, actuators test, trouble shooting guidance, etc.
- Functions: 1. Read information system (read ECU version information); 2. Read data stream (read the parameter values ??of various ECU sensors); 3. Freeze data (lock dynamic data for easy

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viewing); 4. Read fault code (read fault code stored by ECU and conduct analysis); 5. Erase fault code (clear fault code stored by ECU); 6. CO idle speed adjustment; 7. Actuators test; 8. Trouble shooting guidance, etc.

- Check While Using: 1) Check if the ignition switch is on or if the engine is running; 2) Check if the power light of the host is on (red light), and if the signal light is flickering when detecting the system; 3) Check if the diagnostic cable and the diagnostic base are in poor contact or short circuit; 4) Check if the version of the software is suitable for the vehicle type.

\$469.29

Price incl. tax, excl. shipping

BESTSELLER NO. 3



OBD2 Cable Connector Scanner for Yamaha FJR FZ09 FZ10 MT07 MT09 MT10 R1 R6 TMAX 530 XSR 700 900 XT1200ZE, 4 Pin Full Diagnostic Cable, OBDII Adapter Connector Cable Scan Tool for Motorcycle Bike ATV

- 4Pin OBD2 Scan Cable for Yamaha - Diagnostic 4 Pin to OBD2 OBDII Cable Harness Adapter for Yamaha. Work with all latest motorcycle model with the 4-pin diagnostic plug, like FJR 1300, FZ09, FZ10, MT09, FZ-10, MT-10, XSR900, R6, R1, and XSR 900, XT1200ZE etc.
- Diagnostic Test Scanner Function - OBD2 4 Pin diagnostic plug adaptor cable clear a check engine light, after connect this 4pin motorcycle cable to programs / apps, then you can read / delete the fault memory, Reading of live engine data such as speed, rpm, temp, O2 sensor data, emissions, voltages, scanner cable for best test results.
- 4Pin OBD2 Scan Cable Cooperation - This 4pin motorbike OBD cable works with various programs / apps and even with standard OBD2 readers.
- Premium Quality - 4Pin OBD2 diagnostic USB cable made of premium material, this car diagnostic cable obd2 scanner is sturdy, not easy to aging and abrasion resistant, to ensure maximum strength and durability for long lasting usage
- What You Will Get - We offer OBDII cable 24 month service, any questions about OBDII cable converter adaptor, please contact us by email, we will reply you within 24 hours. You will get a obd2 connector cable scan tool

\$25.99

Price incl. tax, excl. shipping

BESTSELLER NO. 4



OHP 10 to 16 Pin Diagnostic Scanner Female OBD2 Adapter for BMW Motorcycles Year 1996 to 2016 | GS911, OBDLink and Motorscan | K-line and DCAN Interface

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- **BMW MOTORCYCLES** FROM YEAR 1996 To 2016 only: For new motorbike models from year 2017 to 2019, you must get an adapter for the rectangular, EU4-compliant diagnostic connector J1962 (OBD-II) type.
- **DUAL COMPATIBILITY:** Allows K-line and DCAN diagnostics.
- **FUNCTIONS WELL WITH NUMEROUS BMW DIAGNOSTIC TOOLS:** GS-911, OBDLink, Motorscan, **BMW ICOM A1**, **BMW ICOM A2**, **BMW ICOM A3**
- **CONVENIENT TO USE:** Designed to work with just a laptop and regular K-line and/or DCAN interface.
- **SUPPORTS MULTIPLE DIAGNOSTIC SOFTWARES:** ISPI-NEXT Admin Tools, ISPI Admin Client, ISTA-D (Rheingold), ISTA-P (ISSS-NEXT), HDD-Update, KSD, ETK, E-SYS, WINKFP, NCS-Expert tool, INPA Tool32, **BMW Coding Tool**, NcsDummy, IToolRadar, EasyConnect, MotoScan App.

\$21.85

Price incl. tax, excl. shipping

BESTSELLER NO. 5



GS911 WIFI (OBD-II) / Enthusiast Version - Diagnostic Tool for BMW Motorcycles - Services up to 10 VINS - Compatible w/all 2017-on models with OBD-II diagnostic connectors (rectangular shape)

\$399.00

Price incl. tax, excl. shipping

BESTSELLER NO. 6



FidgetGear Universal Motorcycle scanner Motorbike Diagnostic tool For Honda YAMAHA SUZUKI

\$121.40

Price incl. tax, excl. shipping

BESTSELLER NO. 7

Shares



GS-911 USB (OBD-II) / Enthusiast Version - Diagnostic Tool for BMW Motorcycles - Services up to 10 VINS - compatible w/all 2017-on models with OBD-II diagnostic connectors (rectangular shape)

\$299.00

Price incl. tax, excl. shipping

BESTSELLER NO. 8



ANCEL BST500 12V/24V 100-2000 CCA Automotive Battery Load Tester, Car Cranking and Charging System Analyzer Scan Tool with Printer for Heavy Duty Trucks, Cars, Motorcycles and More (Black and Red)

- 1. BST500 battery tester is a more advanced tool with the capability to test automotive, marine, motorcycle, boat, and truck batteries. Designed for 12V battery testing, it nevertheless can be used for both 12V and 24V starting and charging systems.
- 2. This battery analyzer can test 12V lead-acid batteries, including regular flooded, AGM flat plate, AGM spiral, gel, and deep-cycle batteries. It covers all battery rating Standards such as CCA, BCI, CA, MCA, JIS, DIN, IEC, EN, SAE, GB standards.
- 3. It's fast and accurate, displaying battery parameters in about 2.5 seconds to advise you of a battery's full/low or charge/replace status.
- 4. The unit is housed in a rugged casing for easy hand-holding. It's lightweight and has a backlit display screen for clear reading under any lighting condition.
- 5. Its built-in printer uses standard thermal printer paper, so you can conveniently attach a printout to a work order, share it with your customers or build a preventative maintenance program of record keeping.

\$128.99

Price incl. tax, excl. shipping

BESTSELLER NO. 9



moto-solutions OBD2 Diagnostic Code Reader Scanner Adapter for Yamaha Motorcycle ATV Bike

- 4 pin to OBD2 Diagnostic adapter for [Yamaha](#) ATV, [motorcycle](#), bike
- Diagnostic scanner code reader

\$59.99

Shares

Price incl. tax, excl. shipping

BESTSELLER NO. 10



LAUNCH [2020 Version] Code Reader-CR123i OBD2 Scanner Engine ABS SRS Transmission Scanner with Battery Test, 5" Touchscreen Wi-Fi Update, Auto VIN & Health Report Car Scanner Diagnostic for All Cars

- **【LAUNCH CR123 2020 NEWEST VER】** What We Do on CR123i car code reader: Covers all functions of CR123 + New Model(Touch Screen & Navigation Keys)+ Upgraded [Battery](#)(6100mAh)+ Upgraded Operating System(Android 7.0)+ Add On Accessory(Carrying Case). Combining diagnostic code reader functions with smart technology, touch control for faster diagnosis, online feedback and get professional troubleshooting. Wider coverage for vehicles up to 10000+ car lists and works on all OBD2-compliant 12v vehicles.
- **【DIAGNOSE】** LAUNCH OBD2 Scanner [ABS/SRS/Engine/Transmission](#) Diagnoses ► CR123i not only performs 10 OBD2 functions to read/clear OBD2 module faults, show live sensor data in graph (merge 4 PIDs in one) , do your own smog check, read Freeze Frame data, On-Board monitor test(mode 6), EVAP test (mode 8), O2 sensor test and etc. But also be able to diagnose 4 main systems of [Engine](#), TCM, [ABS](#) and Airbag(SRS) to read/erase error codes, display data stream, retrieve vehicle info and turn off the MIL.
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- **【DATA REVIEW】** Data Record & Playback/ Health Report Share & Technical Feedback ► 123i automotive code reader can record & playback the data stream, and allow you to print them via email for further check. Diagnostic report will automatically generate and shared via email. You can get the best-possible solutions for your issues from LAUNCH professional experts via submit "Feedback" function.
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