

DBTV Tech Help Page

DBTV Links & Discount Codes

We are glad you like our content & we have organized some postings/links of common questions we get on one Google Sheet for you to view. Please share our socials with your buddies, also follow any you aren't already.

PODCAST: [Podcast DBTV "That Moto Show"](#)

Instagram: [@dirtbiketv1](#)

Facebook: <http://facebook.com/dirtbiketv1>

Youtube: www.youtube.com/c/DirtBikeTV

Website: www.dirtbiketv1.com

TikTok www.tiktok.com/@dirtbiketv1

Email: jay@dirtbiketv1.com

Links: <https://linktr.ee/dirtbiketv1>

Newsletter Sign Up: <https://mailchi.mp/dirtbiketv1/dirt-bike-tv-newsletter>

Shop DBTV Amazon: <https://amzn.to/3zkNsOe>

Check out all of our amazon links for tools and products we use:

https://docs.google.com/spreadsheets/d/11xjMdFd_Ffi0ne4arv-nTHeg214x88jOjUMbZcWcFIw/edit?usp=sharing

If you shop online at [Rocky Mountain ATV/MC](#) please click this affiliate link to shop in the future. This costs nothing extra & supports our channel. [RM ATV/MC -DBTV Shopping](#)
Remember to click this each time you go there to shop. Thank you!

Wiseco Performance Products <https://www.wiseco.com/powersports-home/> 25% off code DBTV1

For MSR gear at Rocky Mountain ATV/MC - [MSR Gear Rocky Mountain](#)

For **FXR Racing Gear** Use the code Code MXPR_DBTV1 30% Discount <https://fxrracing.com>

Cardo In-Helmet Communication System Discount Code DBTV1

<https://cardosystems.com/discount/DBTV1?redirect=%2F>

<https://cardosystems.rfrl.co/o7mdw>

DeCal Works discount code **DBTV124 for 20% off** Number plate decals, Semi-Custom Kits, Ready

Made Kits www.decalmx.com/dirtbiketv www.decalmx.com

Works Connection 20% Discount code DIRTBIKETV <https://www.worksconnection.com/>

Motion Pro Discount code MPDBTV24 <https://www.motionpro.com/>

BOXO USA Tools Discount code DirtBikeTV <https://boxousa.com/>

If you need tire paste I don't have my own yet however, Pro Buds tire paste works well and they have a discount code for us. It is *dirtbiketv20* at <https://pro-buds.co>

REKLUSE Clutch Revolution Code **DirtBikeTV** 10% off -12/31/2023
www.motoseat.com --For best custom seat covers around. The Promo Code: *DBTV* and gets you 15% off

If you're looking for a very cool T-shirt subscription deal, **FMF Racing** has “**The Drop**” Here is a discount code to get you started. <http://fmfapparel.refr.cc/dritbiketvfmf>

Take a look inside THE DROP!
<https://www.instagram.com/reel/Cis6Moauw-u/?igshid=ZWFiZDJlMTg=>

Tools and Accessories

Honda Pink Carb Hose Part Number:
95003-0700860M
2023-24 KTM 2 Stroke air filter cage update—
A42006016000

Everything you need to record your Cardo group and your voice:

<https://youtu.be/S49mEBRKBkQ?si=MKTdD1BvyX0pTKJJ>
<https://amzn.to/4cIEIQk>

That splitter is connected to the line that goes to the speakers in your cardo and one goes to the speakers and the next plugs into this:

<https://amzn.to/4chxYsK>

Then from that Line to Mic cord it goes to this:

<https://amzn.to/4cpEUUW>

Then one goes to the GoPro media box that then plugs into your camera while the other plugs into a mic that goes in your helmet to pick up your voice for the GoPro Recording

<https://amzn.to/3zpgWdK>

<https://amzn.to/3xvafq2>

Tire Valve Core Tool as seen in DBTV videos:

<https://amzn.to/3RKfQVe>

Electrical Connector Pliers:

[Special KTC Connector pliers](#)

[These on Amazon look good as well-](#)

MAKE YOUR KTM RED

Front number Plate part number:
A54108007000FB

Front Fork Guards Part number:
A46001094000FB

Front Fender Part Number:
A59008010000FB

Milwaukee 2401-20M12 cordless Drill/Impact Shown on DBTV
<https://amzn.to/3RQbK8X>
<https://amzn.to/3XH6oAD>
<https://amzn.to/4eKY499>

Scotch-Brite Buffing/deburring wheel-
<https://amzn.to/4by2fTa>

Staple gun that MotoSeat uses-
<https://amzn.to/3zs8udS>
Staples to get: [Here](#)

[Measuring Beaker we Use](#)

KTM plastic fork sliders Black part #:
48600698

Dirt Bike Manuals

Kawasaki Online manuals for FREE—
<https://www.kawasaki.com/en-us/owner-center/service-manuals>

Honda Manuals
<https://powersports.honda.com/downloads/owners-manuals>

KTM manuals are listed every year.
<https://www.ktm.com/en-us/service/manuals.html>

Decent Website for other manuals
<https://www.manua.ls>

Jetting Specs
<https://www.procircuit.com/jetting-specs.htm>

This link can help you cross reference part #s for you bike- will a 2005 CR250 Shifter fit my 2001?

<https://www.oem-cycle.com/BikeIdentification.shtml>

Tire Changing with Tubes

This is a full playlist of all of our YouTube videos with different style tire changes

https://www.youtube.com/playlist?list=PLnGPaowlHX_4XxGN89KMiNMvWXoK9uGfy

Tire stand plans

<https://www.instagram.com/reel/CoBEmxvJz39/?igshid=OTA3YzJiYTA=>

Blindfolded Tire Change

https://youtu.be/_L7EBg_bl2U

Beginner Tire Change Blindfolded!

<https://youtu.be/ft8-xj0sKHU>

Trials TL01 for Trails tire- Double Tube

<https://www.instagram.com/reel/Cvcl27usyny/>

Double Tubing on your Tire Change

<https://youtu.be/XVjt8RPSj1E>

I Don't Scratch Rims! Pro Tire Change

<https://youtu.be/FlXKcrn15eE>

50cc Mini bike Tire change

<https://www.youtube.com/watch?v=K8GVr6q9PrI>

Another 50cc 10-inch tire change

<https://www.instagram.com/reel/Co2jJLmp5Dg/?igshid=OTA3YzJiYTA=>

Blindfolded Tire Change!

https://www.instagram.com/tv/CWByIKoBbeh/?utm_source=ig_web_copy_link

Double tubing tire change

<https://www.instagram.com/reel/CoFeMgBrxqt/?igshid=OTA3YzJiYTA=>

Buttery Tire Change

<https://www.instagram.com/reel/Ci59eH4L8FT/?igshid=ZWFiZDJJMTg=>

SLOW change and also RIM Lock Opposite the Valve stem Technique

<https://www.youtube.com/watch?v=FlXKcrn15eE&t=1s>

POV- Front Wheel Install

<https://youtu.be/zq8WSddpD8M?si=kRgnR0gTU5vIwyPg>

Dunlop Tire Guide

<https://youtu.be/MBya0neG3Bc>

Wheel Prep Tape

https://www.instagram.com/tv/CMN0iaMAUAI/?utm_source=ig_web_copy_link

Tough Paddle Tire Install

<https://www.instagram.com/reel/CleIx6WJPnK/?igshid=MDJmNzVkMjY=>

Detailed Tire Change

https://youtu.be/FhKzZl_MFG8

Adventure Bike Tire Install AT81

https://www.instagram.com/tv/CP3_9j3guOf/?utm_source=ig_web_copy_link

Straightening crooked Valve stem

<https://www.instagram.com/reel/ClrtTUapJmw/?igshid=MDJmNzVkMjY=>

Zip Tie Tire Fix

https://www.instagram.com/tv/CHYoNrAga4Y/?utm_source=ig_web_copy_link

Mousse Bib Tire Change

BIB Mousse Pro Install - Dunlop Motocross

<https://www.instagram.com/reel/Cs4m5m0sKG5/>

Mousse Rabaconda tire change

<https://www.instagram.com/reel/CovjNlrMOgd/?igshid=OTA3YzJiYTA=>

Mousse Tire Install Super Fast on Ground

https://www.instagram.com/tv/CQjjClmgD5K/?utm_source=ig_web_copy_link

Bib Mousse Dismount Rabaconda

https://www.instagram.com/tv/CPqsx34go8A/?utm_source=ig_web_copy_link

Tubes- Tubliss vs Mousse Chuck Harder

<https://www.youtube.com/watch?v=qEtOqdzRoXg>

Mousse Install Funny

https://www.instagram.com/tv/CPdjYNwAN8e/?utm_source=ig_web_copy_link

Greasing, Bearings, Seals, and Stems

LATEST GREASING VIDEOS

Linkage greasing

https://www.instagram.com/dirtbiketv1/reel/DDnbrpryS_K/?hl=en

Stem Greasing Velocity tool

<https://www.instagram.com/dirtbiketv1/reel/DPUGGuiifym>

Linkage and swingarm greasing

<https://www.instagram.com/reel/DFqGertv3yo/?hl=en>

CRF Linkage Greasing

<https://www.instagram.com/reel/DGLr0OWvX-W>

More Stem Greasing with velocity

<https://www.instagram.com/reel/DH119zwyarp>

KTM Linkage Greasing

<https://www.instagram.com/reel/DPAMuyGEpPG>

Greasing KTM Linkage and Swingarm

https://www.instagram.com/tv/CXeg2h9s4TW/?utm_source=ig_web_copy_link

What to grease on your new bike

<https://www.instagram.com/reel/CrPO1bjOdtH/?igshid=MzRlODBiNWFlZA==>

Stem Greasing with Grease Gun

<https://www.instagram.com/reel/C3-shtERtaa/?igsh=Ym5ya2t5dWs2YXRy>

Triple Clamp Bearing Install

https://www.instagram.com/tv/CNxrV1HAOcP/?utm_source=ig_web_copy_link

Linkage and Swingarm bearings grease

<https://www.instagram.com/reel/C3LHZeqxenA/?igsh=aHZpaXd5eHdndzVn>

KX 250 Stem Bearings

<https://instagram.com/p/CkOh4UjM1bE/>

Bearing Install and Greasing

<https://www.instagram.com/dirtbiketv1/reel/Cz9KXjSRkSl/>

KTM Rear Wheel Bearings

<https://youtu.be/ejHFIJDBmNw>

YZ 250 stem install

https://www.instagram.com/tv/CZpgnjIISBi/?utm_source=ig_web_copy_link

KTM Husky Steering Stem

https://www.instagram.com/tv/CJ9svUjg6Tn/?utm_source=ig_web_copy_link

Engine Tech Tips and Solutions

Looking up OEM Part on mirco fische

<https://www.instagram.com/reel/CncTmXwuEZu/?igshid=MDJmNzVkMjY=>

Wooden Engine Holder Box

<https://dirtbiketest.com/fresh-dirt/build-engine-holding-box/>

Two Stroke 2 Stroke Top End Install

https://www.instagram.com/reel/CiXu4wRv_3s/?igshid=ZWFiZDJlMTg=

CR250 Powervalve assembly

<https://www.instagram.com/reel/Cl18sXuuc4W/?igshid=MDJmNzVkMjY=>

YZ125 and YZ250 shootout

<https://youtu.be/webnWpVKm4E>

Cylinder re plated Millennium

<https://www.instagram.com/reel/CoNMMyUjJGXo/?igshid=OTA3YzJiYTA=>

2-stroke Piston install tips-

<https://www.instagram.com/reel/CvVAz0LNM-h/>

Fixing stripped Engine drain bolt - Yamaha

<https://www.instagram.com/reel/CvSpyDiMVHj/>

KTM extra oil removal

<https://www.instagram.com/reel/Cnu8cwtu5se/?igshid=OTA3YzJiYTA=>

Crank rebuild 2t

<https://www.instagram.com/reel/Cnhfr1PLHhs/?igshid=OTA3YzJiYTA=>

FIXING your Oil Drain Bolt

<https://www.instagram.com/reel/CkWVZYEPwt2/?igshid=MDJmNzVkMjY=>

KTM main engine bearing removal tip

<https://www.instagram.com/reel/CoKim0mvdH2/?igshid=OTA3YzJiYTA=>

Starting your Dirt Bike

<https://youtu.be/CS2Z9R26Jq4>

<https://youtu.be/aLS6iut15TA>

KTM Piston Change

https://www.instagram.com/tv/CYxGTffMkyq/?utm_source=ig_web_copy_link

https://www.instagram.com/tv/CY2L6KhrnVz/?utm_source=ig_web_copy_link

Rekluse Torqdrive and Blais Clutch Weight Install

<https://youtu.be/hWOGP05MvGM>

2-Stroke Tech Talk

https://www.instagram.com/tv/CO3aRkkgTYn/?utm_source=ig_web_copy_link

Blown up dirt bike engines 🤔

https://www.instagram.com/tv/CHq0Slbg7Gm/?utm_source=ig_web_copy_link

KTM 300 piston replacement

<https://youtu.be/wm3TANuCES4>

Valve adjustment KTM

<https://youtu.be/pNm99KIYFhY>

Engine Stand Measurements

<https://www.instagram.com/reel/ClwvlMQv2LL/?igshid=MDJmNzVkMjY=>

YZ250 Water Pump Rebuild

<https://youtu.be/7psakrzvvF0>

YZ 250 Power Valve Rebuild

<https://youtu.be/HrcYt9sIP7M>

KTM Leak Down Test Motion Pro

https://www.instagram.com/tv/CZP3xfGMOTJ/?utm_source=ig_web_copy_link

Electrical Tech Tips and Solutions

Honda CRF450X Pink Wire Mod and More

<https://youtu.be/t8hr5vVN0ZI>

KTM Starting Trouble?

https://www.instagram.com/tv/CbDe3RFavmx/?utm_source=ig_web_copy_link

2023 KTM Map Switches Explained

<https://www.instagram.com/reel/ChTLWk6M4PE/?igshid=ZWFiZDJlMTg=>

Vortex Settings

https://www.instagram.com/tv/CJSBpKWA6WB/?utm_source=ig_web_copy_link

KTM Starter Button Fix

https://www.instagram.com/tv/CPWQs_9A1cM/?utm_source=ig_web_copy_link

KTM Battery Box Install

<https://www.youtube.com/watch?v=0hC-baI-mTw&t=3s>

Idle And Choke Explained KTM

https://www.instagram.com/tv/CLuazVlgk1r/?utm_source=ig_web_copy_link

KTM Engine Lights Explained

https://www.instagram.com/tv/CLepvoWAKhL/?utm_source=ig_web_copy_link

Chassis Tips and Fixes

KX250F Throttle setup and adjustment

<https://www.instagram.com/reel/CiQyhmbM3WZ/?igshid=ZWFiZDJlMTg=>

Front Wheel install tips-

<https://youtu.be/ijYya9NBHK8>

Bar and Lever Adjustment

<https://www.instagram.com/reel/CoLHSHbN6kC/?igshid=OTA3YzJiYTA=>

KTM Throttle Adjustment

https://www.instagram.com/tv/CLLNCTngiMX/?utm_source=ig_web_copy_link

Yamaha Foot peg relocation

<https://www.instagram.com/reel/CpJFicFLZHm/?igshid=OTA3YzJiYTA=>

Yamaha 4-Stroke Throttle Adjustment

https://www.instagram.com/reel/CoQbiQ3vCW_/?igshid=OTA3YzJiYTA=

Suzuki 4T throttle adjustment

<https://www.instagram.com/reel/Cn7OEEPjt9I/?igshid=OTA3YzJiYTA=>

KTM Footpeg install

<https://youtu.be/P8NtM9Nuebc>

General Bike prep

<https://youtu.be/UuhUvCJ8qrE>

How to Install Wrap Arouds With ODI Lock-on Grips

<https://youtu.be/e1eZeYWIUys>

Bar and Lever Adjustment

<https://www.instagram.com/reel/CoLHSHbN6kC/?igshid=OTA3YzJiYTA=>

Chain Adjustment KTM 2023

<https://www.instagram.com/reel/CiiGjLBj8in/?igshid=ZWFiZDJlMTg%3D>

<https://www.instagram.com/reel/ClI39w3ppBa/?igshid=MTc4MmMlYmI2Ng%3D%3D>

Handle Bar bends— Compare different brands to get an idea of which bars you would like-- and kinda picture each one—

Charts to help you figure out handlebars -cross reference etc—

<https://www.odigrips.com/pages/podium-handlebar-bend-guide>

<https://www.renthal.com/worksfit/>

<https://tuckerpowersports.com/pages/protaper-handlebar-fitment-charts>

Thread Fixes on Chassis and Engine

Fixing Threads the Right way

https://www.instagram.com/tv/CbOcyM8Jm4S/?utm_source=ig_web_copy_link

Axle Repair Made Easy!

https://youtu.be/_Jk18XTn1j0

Thread Repair on Bikes

https://www.instagram.com/tv/CLco2UbgUn2/?utm_source=ig_web_copy_link

Fixing Broken Swing arm bolt

https://www.instagram.com/tv/Ca-dy-KPlac/?utm_source=ig_web_copy_link

Fixing fork guard threaded holes on fork lugs with time sert

<https://www.instagram.com/reel/CtEquqltIMz/>

Fixing Engine Case Threads

<https://www.instagram.com/reel/Ck3qeBes6LU/?igshid=MDJmNzVkMjY=>

Fixing Stripped Bolts, ruined threads, fork guards

<https://www.instagram.com/tv/CLco2UbgUn2/?igshid=YmMyMTA2M2Y%3D>

Stuck Chain Adjuster Bolt

https://www.instagram.com/tv/CTiCiEvhUB9/?utm_source=ig_web_copy_link

Stripped heads on brake cap screws fix-

<https://www.instagram.com/reel/CtXe3c5uAh3/>

Chasing threads on a swing arm chain adjuster

<https://www.instagram.com/reel/CtZX-2lvILR/>

Fixing frame threads with Time Sert-

<https://www.instagram.com/reel/Cu7tzhUMUsd/>

Oil Changes

KTM OIL CHANGE With Tokyo Offroad piece

https://www.instagram.com/tv/CY95ljTtSRj/?utm_source=ig_web_copy_link

INSTAGRAM OIL CHANGE GUIDE-

https://www.instagram.com/dirtbiketv1/guide/oil-change-tips/17949049402508345/?utm_source=ig_web_copy_link&utm_campaign=&utm_medium=

KTM 300 Oil Change

<https://youtu.be/6mmQwhFgmEk>

Get all the oil on new KTM

<https://www.instagram.com/reel/Cp73liwpj47/?igshid=ZGVhYjU3OTE=>

CRF250 Oil Change

https://www.instagram.com/tv/CLw4TjiAey/?utm_source=ig_web_copy_link

Clutch Tips

Rekluse Tourque Drive Information

<https://www.instagram.com/reel/Ciqg9OhNwRb/?igshid=ZWFiZDJlMTg=>

Hydraulic Clutch Slave Cylinder Rebuild

<https://www.instagram.com/reel/CqQemi5sqqZ/?igshid=ZGVhYjU3OTE=>

Rekluse Clutch tips and information

<https://www.instagram.com/reel/CjN2DMcpCvk/?igshid=MDJmNzVkMjY=>

How to Fix & understand Clutch Issues Chuck Harder

https://youtu.be/GkvdYNFeybk?si=Q_iVy256aV0kquFA

KTM Clutch Bleed

https://www.instagram.com/tv/CYj0ICBgGlf/?utm_source=ig_web_copy_link

YZ250 Rekluse Clutch Install

<https://www.instagram.com/reel/ChNl6MSsovL/?igshid=ZWFiZDJlMTg=>

INSTAGRAM GUIDE CLUTCH CHANGE-

https://www.instagram.com/dirtbiketv1/guide/clutches/17922475525785465/?utm_source=ig_web_copy_link&utm_campaign=&utm_medium=

KTM Rekluse Clutch Install

https://www.instagram.com/tv/CautHeysHGV/?utm_source=ig_web_copy_link

Adjusting Your Rekluse Auto-Clutch

<https://youtu.be/72Db2aetR0w>

KTM Clutch Install

https://www.instagram.com/tv/CK434WMgwrz/?utm_source=ig_web_copy_link

Clutch Plate Install KX250

https://www.instagram.com/tv/COF3xYDAfoG/?utm_source=ig_web_copy_link

YZ250F Clutch Plates

https://www.instagram.com/tv/CM-orDeAT-4/?utm_source=ig_web_copy_link

CRF250F and YZ250 Clutch Plates

https://www.instagram.com/tv/CIGrzLsgX8N/?utm_source=ig_web_copy_link

Clutch install KTM 125/150

<https://www.instagram.com/reel/Cp27yqopaku/?igshid=ZGVhYjU3OTE=>

Works Connection Clutch Perch Install

<https://www.instagram.com/reel/Ci2kRv7PwB8/?igshid=ZWFiZDJlMTg=>

Cosmetic, Graphics, Cleaning, Restoration

Graphics Install Decal Works

<https://youtu.be/w2rJkmaJkXk?si=BV4wEcGwDDiCNbH>

Making your FMF Pipe/muffler new again

https://www.instagram.com/reel/Cy1ArdvRI77/?utm_source=ig_web_copy_link

Plastic Spacer Tips

<https://www.instagram.com/reel/Ch-H0Gipwvu/?igshid=ZWFiZDJlMTg=>

Sick CR125 Project Bike

<https://www.instagram.com/reel/Ci0Y5TfpXoO/?igshid=ZWFiZDJlMTg=>

How to fix bent lever/ Bending back lever

<https://www.instagram.com/reel/CrVyD9GMaVq/?igshid=YmM0MjE2YWMzOA%3D%3D>

Cleaning up dirty parts

<https://www.instagram.com/reel/CmCLZxRJ8kh/?igshid=MDJmNzVkMjY=>

Tire restoration, On this one and anything that is not a full on tire change

<https://instagram.com/p/CoSXXfsgN8r/>

Cleaning your Motorcycle engine

<https://www.youtube.com/watch?v=TmytWfaZDRg>

Restoring old rubber pieces/tires as well

<https://www.instagram.com/reel/CsrqqzJOzyS/>

Cleaning your Helmet

https://www.instagram.com/reel/Chr89RMpx5_/?igshid=ZWFiZDJlMTg=

Washing And Prepping bikes

https://www.instagram.com/tv/CPTtOk8g1bR/?utm_source=ig_web_copy_link

Removing Anodize

https://www.instagram.com/tv/CH_gDYygizc/?utm_source=ig_web_copy_link

Cleaning Swing arm

https://www.instagram.com/tv/COlgsNdgMAF/?utm_source=ig_web_copy_link

What Chemicals Do We Use?

https://www.instagram.com/tv/CPvxvvtAqwg/?utm_source=ig_web_copy_link

General Bike Brakes, Air Filter Oil, prep

<https://youtu.be/UuhUvCJ8qrE>

MotoSeat Seat Cover install

<https://www.instagram.com/reel/CinGliEOK-F/?igshid=ZWFiZDJlMTg=>

Taking Dents Out 2-Stroke Pipe

https://www.instagram.com/tv/CODfzK2gHeU/?utm_source=ig_web_copy_link

Packing 4 Stroke Muffler

https://www.instagram.com/tv/COBYKpcg_D9/?utm_source=ig_web_copy_link

Packing 2 Stroke Muffler

https://www.instagram.com/tv/CN5D0D5giUH/?utm_source=ig_web_copy_link

KX65 Graphic Install

https://www.instagram.com/tv/CJOhwKpg13S/?utm_source=ig_web_copy_link

2017 KTM Style Graphics

https://www.instagram.com/tv/CLaZ74Ug2tR/?utm_source=ig_web_copy_link

Contour Graphics Install

https://www.instagram.com/tv/CN02G1OgLL0/?utm_source=ig_web_copy_link

2 in 1 Seat cover take off and Install

https://www.instagram.com/tv/CQRuU9lg5I5/?utm_source=ig_web_copy_link

KX65 Mini Seat Install

https://www.instagram.com/tv/COtCC_eg2r6/?utm_source=ig_web_copy_link

Seat Cover Install

<https://www.instagram.com/reel/Codi-qngpLx/?igshid=OTA3YzJiYTA=>

More Explained Seat Install

https://www.instagram.com/tv/CPtEkqrAkuO/?utm_source=ig_web_copy_link

Motoseat World Record Install

https://www.instagram.com/tv/COOUKf6AHSV/?utm_source=ig_web_copy_link

Suspension Tips

KTM SUSPENSION GUIDE-

https://www.instagram.com/tv/COeIU0uAynp/?utm_source=ig_web_copy_link

Suspension Information - Spring Rates, sag, oil level and much more

<https://racetech.com/VehicleSearch>

Another Sag video

<https://www.instagram.com/reel/Cokb57UpHZI/?igshid=OTA3YzJiYTA=>

Fork seals changed-AER WP KTM forks

<https://www.instagram.com/reel/CuK8zvNNYIv/>

Sag Adjustment

<https://www.instagram.com/reel/Cokb57UpHZI/?igshid=OTA3YzJiYTA=>

KTM Rear Shock Install

https://www.instagram.com/tv/CNu9VeqgrNw/?utm_source=ig_web_copy_link

Checking your Sag

<https://www.instagram.com/tv/CUYYYmo9A7pU/?igshid=NmZiMzY2Mjc=>

Podcasts, Vlog, Moto Q&A, Products

That Moto Show

https://www.youtube.com/watch?v=KIO4eoZWUYA&list=PLnGPaowlHX_6fb-zHc_y8JnjIaESSnZzh&pp=iAQB

LIVE Q&A

https://www.instagram.com/tv/CnVjy18jzI_/?igshid=MDJmNzVkMjY=

Buying used bike tips-

<https://www.youtube.com/watch?v=xItzMjwF5WA&t=1s>

Go Pro Settings

https://www.instagram.com/reel/Cle4_AItikv/?utm_source=ig_web_copy_link

Best Products of 2022

https://youtu.be/WpGdB7_6SdU

Best ways to keep your bike like new

<https://www.youtube.com/watch?v=e9SAmpmL0eA&t=205s>

Trail Essentials for Beginners

https://www.youtube.com/watch?v=O_xj-OkzSUY

Dual Sports are Better than MX & Trail Motorcycles! Why?

<https://youtu.be/p-e9EdxtYnQ>

Handling and Loading Dirt Bikes

Loading three bikes quick and easy in older Tundra

<https://www.instagram.com/reel/CtDHox6PxTx/>

Loading three in a next gen Tundra

<https://www.instagram.com/reel/CrqiCsHJG5R/>

How to put a bike on the stand

<https://youtu.be/S6RH1ysELJM>

Loading 4 Bikes in MotoVan

https://www.instagram.com/tv/CKpSRN5gIMn/?utm_source=ig_web_copy_link

Carburetor and Fuel Injection

1989 RM 125 with Lectron

<https://www.instagram.com/reel/Ciam20jJDnc/?igshid=ZWFiZDJlMTg=>

Yamaha YZ250f Dual Injector

<https://www.instagram.com/reel/Co8F65evIF2/?igshid=OTA3YzJiYTA=>

In-Line KTM Fuel Filter Replacement

<https://www.instagram.com/reel/CipxUGBgTlj/?igshid=ZWFiZDJlMTg=>

2-Stroke Oil Mixing Fuel

<https://www.instagram.com/reel/CiySkOiLHhd/?igshid=ZWFiZDJlMTg=>

Changing your in-line fuel filter in line fuel filter easy fix

<https://www.instagram.com/reel/DOjIFAvifzh/>

Carburetor and Fuel Injection Instagram Guide-

https://www.instagram.com/dirtbiketv1/guide/carburetor-fi/17884843874408974/?utm_source=ig_web_copy_link&utm_campaign=&utm_medium=

How to Jet your Carburetor Tips - Chuck Harder

<https://www.youtube.com/watch?v=XSeEf89ggxM>

Fuel Pump install tips

<https://www.instagram.com/reel/CIPMliTuQyH/?igshid=MDJmNzVkMjY=>

Carburetor stuck needle seat-tip/trick

<https://www.instagram.com/reel/CukGgTILBu6/>

PetCock Install

https://www.instagram.com/tv/CLmxtSqACRw/?utm_source=ig_web_copy_link

KTM Fuel Pump Install

https://www.instagram.com/tv/CPOZs0rgDLo/?utm_source=ig_web_copy_link

Stuck Carb Seat?

https://www.instagram.com/tv/CQMpimBgUeb/?utm_source=ig_web_copy_link

https://www.instagram.com/tv/CHOb5u_gnAx/?utm_source=ig_web_copy_link

<https://www.youtube.com/watch?v=8AtHy0RpoYA>

Honda Pink Carb Hose Part Number:

95003-0700860M

2022 YZ125 JD Jet kit 170 Main 50 Pilot Red Needle 4th Clip

Bling and More Tech tips

Works Connection Pro Start Launch Device

<https://www.instagram.com/reel/CiNmK7rsXZA/?igshid=ZWFiZDJlMTg=>

T-Handle Repair

<https://www.instagram.com/reel/CpqjSuwvEYT/?igshid=ZGVhYjU3OTE=>

Must-Have Moto tools for your dirt bike shop

<https://youtu.be/DZPjC0aH6ZY>

Making your T-Handles Last forever, cutting t handles

<https://www.instagram.com/reel/ChPsdY5PheQ/?igshid=ZWFiZDJlMTg=>

Spoke Torque Wrench

<https://www.instagram.com/reel/CsXWsvRMTyx/>

Another look and the FMF Drop

<https://www.instagram.com/reel/ChpxJinA7fN/?igshid=ZWFiZDJlMTg=>

FMF drop again

https://www.instagram.com/reel/CguSB7uvm_T/?igshid=ZWFiZDJlMTg=

Super Cool Motion Pro Tool, dowel pin remover

https://www.instagram.com/reel/CiTHpnUMQ_F/?igshid=ZWFiZDJlMTg=

Works Connection Floating Axle Block Install

<https://www.instagram.com/reel/CivfsLNrCgc/?igshid=ZWFiZDJlMTg=>

Making a hole in Plastic with no Drill, torch and punch

<https://www.instagram.com/reel/Chmv1zfAJ9f/?igshid=ZWFiZDJlMTg=>

Night Riding

<https://www.instagram.com/reel/CilOTomuRJI/?igshid=ZWFiZDJlMTg=>

Axle Pull install

https://www.instagram.com/tv/CQrbocdAzD2/?utm_source=ig_web_copy_link

Hand Guard Install— Wrap around

https://www.instagram.com/tv/COecZa_AiKk/?utm_source=ig_web_copy_link

KTM Coolant Catch Can

<https://www.instagram.com/reel/ChiBxNTNE4k/?igshid=ZWFiZDJlMTg=>

Works Connection Perch install

https://www.instagram.com/tv/COZI28_Anu0/?utm_source=ig_web_copy_link

EKS Brand Goggles lens Install

https://www.instagram.com/tv/COTtuyngND0/?utm_source=ig_web_copy_link

What Bikes Should My Kids Ride?

https://www.instagram.com/tv/CIjj0IvgZRH/?utm_source=ig_web_copy_link

Taking Dents Out 2-Stroke Pipe

https://www.instagram.com/tv/CODfzK2gHeU/?utm_source=ig_web_copy_link

Packing 4 Stroke Muffler

https://www.instagram.com/tv/COBYKpcg_D9/?utm_source=ig_web_copy_link

Packing 2 Stroke Muffler

https://www.instagram.com/tv/CN5D0D5giUH/?utm_source=ig_web_copy_link

Shop tour and set up

https://www.instagram.com/tv/CTaU02YH55X/?utm_source=ig_web_copy_link

Works Connection Clutch Perch Install

<https://www.instagram.com/reel/Ci2kRv7PwB8/?igshid=ZWFiZDJlMTg=>

Wheels, Chains, And Sprockets

Wheel/Spoke Tech from Cole at FASST CO --the Japanese OEM spoke torque call outs are ridiculously low. For almost all moto applications we recommend 48in.lbs./5.4nm as it provides good tension on the spoke but is not abusive to the components. Less than 48in.lbs. for moto and the spokes can loosen up rapidly, especially on a 450. More than 48in.lbs. puts a lot of stress on the components and gives the wheel a really rigid feeling. Not too long ago all the factory teams ran 60+in.lbs. but now most of them have adopted 48in.lbs. as well.

Front Sprocket Tech Tip

<https://www.instagram.com/reel/Cic9rv4Jhzf/?igshid=ZWFiZDJlMTg=>

No chain lube -we use oil or similar type oily products on chains- this video shows different lubes tested—

https://www.youtube.com/watch?v=UrEpAUj_OKA

Rear wheel install on the bike

<https://www.instagram.com/reel/Cm4-3QNOY2b/?igshid=MDJmNzVkMjY=>

POV Sprocket Change

<https://youtu.be/uOnHu2HmLUQ?si=wV8C7wP2LsWxuVpo>

Chain Adjustment KTM 2023

<https://www.instagram.com/reel/CiiGjLBj8in/?igshid=ZWFiZDJlMTg%3D>

<https://www.instagram.com/reel/Cll39w3ppBa/?igshid=MTc4MmMlYmI2Ng%3D%3D>

Rear Wheel

https://www.instagram.com/tv/COg3oivgNi9/?utm_source=ig_web_copy_link

Front Wheel Install

https://www.instagram.com/tv/COWZPlsgyGu/?utm_source=ig_web_copy_link

Front wheel install — Fixing Messed Up Fork Leg-

https://www.instagram.com/tv/CONx-VqgaqL/?utm_source=ig_web_copy_link

With Medium Boy

https://www.instagram.com/tv/CH57zo4g3zB/?utm_source=ig_web_copy_link

Rear Sprocket With Buttery

https://www.instagram.com/tv/CJb_zHvAY7A/?utm_source=ig_web_copy_link

Another Buttery and Medium Chain cut

https://www.instagram.com/tv/CZxQkr6rC77/?utm_source=ig_web_copy_link

Chains and Lube, Why we run Oil on the chains-- yes we knew this before his test but nice to have cool Nerdy guy explain it all.

<https://youtu.be/VnPYdcbeAe0>

Spoke Tech Knowledge

https://www.instagram.com/tv/CMBPQoNAA1o/?utm_source=ig_web_copy_link

Making your old KTM wheels to fit the 2023

<https://www.instagram.com/reel/ChxtOWejoIn/?igshid=ZWFiZDJlMTg=>

Spoke Upkeep Maintenance

https://www.instagram.com/tv/CJCSLLagwQi/?utm_source=ig_web_copy_link

Cool KX450 Chain Cutting

<https://www.instagram.com/reel/CibSPospt9J/?igshid=ZWFiZDJlMTg=>

2023 KTM Tension Adjustment

<https://www.instagram.com/reel/CiiGjLBj8in/?igshid=ZWFiZDJlMTg=>

KTM Rear Wheel Bearings

<https://youtu.be/ejHFIJDBmNw>

2023 KTM Rear Wheel Trick

<https://www.instagram.com/reel/CigLheoMScg/?igshid=ZWFiZDJlMTg=>

Air Filter

Cleaning Your AirFilter and oil

https://www.instagram.com/tv/CMiCOovArrb/?utm_source=ig_web_copy_link

Don't Grease Your Air Filter

https://www.instagram.com/tv/CMkam2AAGD0/?utm_source=ig_web_copy_link

UNI Oil AirFilter KTM

https://www.instagram.com/tv/CII9AN7AJNE/?utm_source=ig_web_copy_link

Air filter service

<https://instagram.com/p/Co0JZONvwnM/>

UNI Oil AirFilter YZ

https://www.instagram.com/tv/CMfhSrfgQLz/?utm_source=ig_web_copy_link

Oiling and Cleaning your air filter with Elevate

<https://youtu.be/Alt1U9OZsQ0?si=bg1VNslDEBzJUwyH>

UNI AirFilter KX 250

https://www.instagram.com/tv/COGJOeLgBJI/?utm_source=ig_web_copy_link

Brakes

Full YouTube Brake Bleeding video

https://www.youtube.com/watch?v=sw4kQmL_EeU

Front Brake Bleeding and Flushing

<https://www.youtube.com/watch?v=JwrM1tUY6V4>

Front brake Bleed

https://www.instagram.com/tv/CKmoOXBA0Ss/?utm_source=ig_web_copy_link

Extended Front Brake Line KTM Galpher

<https://www.instagram.com/reel/CkGjug3JTDT/?igshid=MDJmNzVkMjY=>

Rear Brake Bleed

https://www.instagram.com/tv/CKkFPuyAIGM/?utm_source=ig_web_copy_link

Brake Bleeding Tool

<https://amzn.to/4e251Ck>

Front Brake Flush

<https://www.instagram.com/reel/Cpp5lWWsODP/?igshid=ZGVhYjU3OTE=>

Front Brake rotor tusk

https://www.instagram.com/tv/CZ0G-eyrYbN/?utm_source=ig_web_copy_link

Brake Line Adjustment Tips

<https://www.instagram.com/reel/ChfbTBoJDIZ/?igshid=ZWFiZDJlMTg=>

Brakes from zero to zero

<https://www.instagram.com/reel/Ci7zbHNpanv/?igshid=ZWFiZDJlMTg=>

KTM/GAS GAS/Husqvarna Exclusive

KTM manual has every year listed.

<https://www.ktm.com/en-us/service/manuals.html>

2023-24 KTM 2 Stroke air filter cage update—

A42006016000

<https://www.instagram.com/reel/Cq82EQhNPFj/?igshid=ZGVhYjU3OTE>

Kickstand Rubber strap for non-KTM bikes—

https://www.instagram.com/reel/DD4wI_qPONJ/?igsh=MWpzMWxsN2lzMjMzZg==

These in the KTM section up high-

BASIC SETTINGS: IDLE SPEED TPS CALIBRATION KTM from Taco Moto

<https://docs.google.com/document/d/1NeYxeAXVrOwwLJNrBfVbEWNBxEmZMxSE5Lu8ZLBaxgA/mobilebasic?>

KTM-GASGAS-Husq 2025 Dual Sport 500 comparison from Taco Moto

<https://docs.google.com/spreadsheets/d/11cf2qPZ1vErL51Vf71jmjGSiMz9QEEbB-HZCeNVq8Ow/edit>

Changing your in-line fuel filter in line fuel filter easy fix

<https://www.instagram.com/reel/DOjIFAvifzh/>

Tips on Hydraulic Clutch — is it broken? NO

<https://www.instagram.com/reel/CnKWRgSO0U1/?igshid=MDJmNzVkMjY=>

Chain Adjustment KTM 2023

<https://www.instagram.com/reel/CiiGjLBj8in/?igshid=ZWFiZDJlMTg%3D>

<https://www.instagram.com/reel/Cil39w3ppBa/?igshid=MTc4MmM1YmI2Ng%3D%3D>

21HP Increase 500 EXC

<https://www.instagram.com/reel/C0ri4MqxDUC/>

KTM Chain Slack with Works Connection tool

<https://www.instagram.com/reel/CvfKltdtCWs/>

CURRENT AND PAST KTM RECALL INFORMATION

<https://ktm.com/en-us/service/Safety.html>

KTM Starter clutch fix— 4-stroke

<https://www.instagram.com/reel/CpalvKlpi8S/>

2023-25 Start/Stop switch change out

https://www.instagram.com/reel/Cs1SH_ArX2s/

Extended Front Brake Line KTM Galpher

<https://www.instagram.com/reel/CkGjug3JTDT/?igshid=MDJmNzVkMjY=>

KTM HUSQVARNA Oil pump gear with Andrew Langston

<https://www.instagram.com/reel/Ckbm4oPL65L/?igshid=YmMyMTA2M2Y=>

KTM 2-stroke muffler coupler tip

<https://www.instagram.com/reel/CpLHhVVJ0n2/?igshid=OTA3YzJiYTA=>

Dual sport KTM front brake lever

https://www.instagram.com/reel/CmuqignsL_Z/?igshid=OTA3YzJiYTA=

Hydraulic Clutch Slave Cylinder Rebuild

<https://www.instagram.com/reel/CqQemi5sqqZ/?igshid=ZGVhYjU3OTE=>

Making your old KTM wheels to fit the 2023

<https://www.instagram.com/reel/ChxtOWejoIn/?igshid=ZWFiZDJlMTg=>

KTM Dual Sport Magnet Pickup Tips

<https://www.instagram.com/reel/Ch55ywlphNw/?igshid=ZWFiZDJlMTg=>

Rekluse Torqdrive and Blais Clutch Weight Install

<https://youtu.be/hWOGP05MvGM>

2023 Radiator Cap tool take off

https://www.instagram.com/reel/CkJ7mATM_Kr/?igshid=MDJmNzVkMjY=

KTM extra oil removal

<https://www.instagram.com/reel/Cnu8cwtu5se/?igshid=OTA3YzJiYTA=>

KTM Clutch Slave Cylinder Change - Bleeding - how to

https://www.youtube.com/watch?v=2U_lmb78D8

KTM Throttle Adjustment

https://www.instagram.com/tv/CLLNCtNgjMX/?utm_source=ig_web_copy_link

KTM Piston Change

https://www.instagram.com/tv/CYxGTffMkyq/?utm_source=ig_web_copy_link

https://www.instagram.com/tv/CY2L6KhrnVz/?utm_source=ig_web_copy_link

Get all the oil on new KTM

<https://www.instagram.com/reel/Cp73Iiwpi47/?igshid=ZGVhYjU3OTE=>

2023 KTM wheel bearings

<https://www.instagram.com/reel/Cj86IpNDixE/?igshid=MDJmNzVkMjY=>

KTM Wheel's Explained

<https://www.instagram.com/p/CjRUlhZJYh7/?igshid=MDJmNzVkMjY=>

KTM Footpeg install

<https://youtu.be/P8NtM9Nuebc>

Explaining the New KTM 2023 Transmissions

<https://youtu.be/A10ftj7OMOo>

KTM 300 piston replacement

<https://youtu.be/wm3TANuCES4>

2023 KTM Map Switches Explained

<https://www.instagram.com/reel/ChTLWk6M4PE/?igshid=ZWFiZDJlMTg=>

2023 KTM Tension Adjustment

<https://www.instagram.com/reel/CiiGjLBj8in/?igshid=ZWFiZDJlMTg=>

KTM Starting Trouble?

https://www.instagram.com/tv/CbDe3RFavmx/?utm_source=ig_web_copy_link

KTM Starter Throwout Rebuild

<https://www.instagram.com/reel/CpalvKlpi8S/?igshid=OTA3YzJiYTA=>

Clearing Engine Warnings

https://www.instagram.com/tv/CJJYFfTgCKO/?utm_source=ig_web_copy_link

KTM Starter Rewire

https://www.instagram.com/tv/CPWQs_9A1cM/?utm_source=ig_web_copy_link

KTM Battery Box Install

<https://www.youtube.com/watch?v=0hC-baI-mTw&t=3s>

Clutch install KTM 125/150

<https://www.instagram.com/reel/Cp27yqopaku/?igshid=ZGVhYjU3OTE=>

KTM Footpeg Install

<https://www.instagram.com/reel/Chcuc9jMM6b/?igshid=ZWFiZDJlMTg=>

Which 2023 KTM is best for you?

<https://youtu.be/mRL8ZA3-8ZI>

KTM Rear Wheel Bearings

<https://youtu.be/ejHFIJDBmNw>

Idle And Choke Explained KTM

https://www.instagram.com/tv/CLuazVlgklr/?utm_source=ig_web_copy_link

Valve adjustment KTM

<https://youtu.be/pNm99KIYFhY>

Fixing your Leaky KTM Valve cover

<https://youtu.be/xhH63uG9z3g>

KTM Engine Lights Explained

https://www.instagram.com/tv/CLepvoWakhL/?utm_source=ig_web_copy_link

KTM Leak Down Test Motion Pro

https://www.instagram.com/tv/CZP3xfGMOTJ/?utm_source=ig_web_copy_link

KTM Footpeg install left side

<https://www.instagram.com/reel/ChFccOzp9iT/?igshid=ZWFiZDJlMTg=>

KTM Clutch Bleed

https://www.instagram.com/tv/CYj0ICBgGlf/?utm_source=ig_web_copy_link

More KTM Foot peg Install by a fan

<https://youtu.be/tAs86j-eIWk>

<https://youtube.com/shorts/pV06i5GDzC4>

Works Connection Floating Axle Block Install

<https://www.instagram.com/reel/CivfsLNrCgc/?igshid=ZWFiZDJlMTg=>

2023 KTM Rear Wheel Trick

<https://www.instagram.com/reel/CigLheoMScg/?igshid=ZWFiZDJlMTg=>

In-Line KTM Fuel Filter Replacement

<https://www.instagram.com/reel/CipxUGBgTlj/?igshid=ZWFiZDJlMTg=>

RZRs, Side by Sides, Talons

[Honda Talon -- Better option than a Polaris RZR in the SXS UTV market](#) ?

[Honda Talon Race Tested Part 3 \(strong UTV\)](#)

[Honda Talon First Race Report](#)

[IMS Extra Capacity RZR Tank](#)

TacoMoto ECU Tips and KTM Warning Light Meanings

<https://docs.google.com/document/d/1mFL70z5ohArQO0iG3BMQk71SwL-0ruzfmlqAiIxV>

[VG4/edit?usp=sharing](#)

ESSENTIAL BASE SETTINGS AND PROCEDURES FOR STOCK AND AFTERMARKET ECU EQUIPPED BIKES

IDLE SPEED ADJUSTMENT

To reduce cough and stall flame outs and have a bike that starts correctly it's essential to set the idle speed to spec.

1800-1900 for the 450/500/501

1950-2050 for the 250/350

On the 12-16 enduro and 11-15 MX bikes idle speed and choke are both handled by a single round black knob on the left hand side of the throttle body.

On the 17+ enduro and 16+ MX bikes idle speed is the red knob and fast idle speed (choke) is handled by the yellow knob.

Jimmy Lewis of Dirt Bike Test has created the best instructions for how to set these.

<https://dirtbiketest.com/fresh-dirt/ktm-throttle-body-tuning/>

We also have a video on all things throttle body

MOTO MYTH BUSTERS THE TPS HACK AND EVERY THING THROTTLE BODY

<https://youtu.be/xS0ixPgoWQw>

IDLE SPEED MEASUREMENT

Most starting and stalling issues are idle speed related. It's critical to set your speed to spec.

LOW COST WIRED

<https://amzn.to/4aKxslj>

LOW COST WIRELESS

<https://amzn.to/4aHHvI1>

MID COST WIRED

<https://tacomoto.co/products/trail-tech-vapor-guage>

HIGH COST WIRED

<https://tacomoto.co/products/copy-of-trail-tech-voyager-pro-kit-for-ktm-and-husquvarna-motorcycles>

APP (what I use most)

<https://www.tunelab-world.com/tach>

TPS CALIBRATION

We don't recommend adjusting or messing with the TPS but here's everything you ever wanted to know about it.

MOTO MYTH BUSTERS THE TPS HACK AND EVERYTHING THROTTLE BODY

<https://youtu.be/xS0ixPgoWQw>

If your bike has a GET or Vortex ECU set the TPS end points per the instructions that came with your ECU.

GET ECU FACTORY RESET

Talk to us first before doing this procedure

On rare occasions the ECU hasn't synced up properly to the bike's sensors and needs to be 'warm started' to complete the process. If your bike continues to have starting, idling or other

issues after performing all the above steps connect your bike to the WIGET app and open the SERVICE tab and select the ECU FACTORY RESET toggle. Leave the app open for the duration of the procedure. Turn off the bike and restart the engine to confirm the new settings. This procedure does not delete the Taco Moto Co. maps loaded into the firmware of the unit and can be tried anytime you may be getting undesirable performance from the ECU **however it will reset any pre programmed traction control to 0 so use this function only if that's not an issue for you or your bike has the traction control knob**

STARTING PROCEDURE

Tap the starter buttons 2-3 times to prime the fuel pump. It will run for 3 seconds and turn off each cycle.

Hold the starter button for 3-4 seconds and release, if the engine doesn't fire in that time repeat until the engine is running.

Activate the cold start 'choke knob' if needed.

PROBLEMATIC STARTING AND IDLING WITH THE GET ECU ON THE 250/350's

Turn the RED idle speed knob counter clockwise 10 times to loosen the tension on the spring. This closes the butterfly valve in the throttle body fully and completely closed.

Turn the YELLOW knob counter clockwise 10 times to loosen the screw and remove any influence it may have on the throttle plate.

Zero calibrate the TPS in the app ([VIDEO LINK](#)) or with the kill button procedure ([LINK](#))

Turn the RED knob clockwise in 5 times compressing the spring, prime the fuel pump 3 times by blipping the start button. Press and hold the start button and continue to turn the red knob in until the bike starts and runs. Set the idle speed to 1950-2050. The bike should restart and idle normally.

Prepared by your KTM's best friends at Taco Moto Co.

Mike@tacomoto.co

Text 702-812-6626

KTM LIGHT BLINKING CODES:

SXF-XCF-EXCF Blink code FI warning lamp (MIL) Blink codes

02 FI warning lamp (MIL) flashes 2x short = Check resistance – 100 ohms; Check AC voltage – more than 3.5VAC/6pkV while cranking; Visually inspect sensor air gap to flywheel; Replace sensor.
Crankshaft position sensor - circuit fault.

06 FI warning lamp (MIL) flashes 6x short = Check THAD voltage; Replace sensor.

Throttle position sensor circuit A - input signal too low.
Throttle position sensor circuit A - input signal too high.

09 FI warning lamp (MIL) flashes 9x short = Check MAP pressure & voltage reading for inconsistency or variation;
Check for air leaks, loose or corroded pin connections.

Manifold absolute pressure sensor cylinder 1 - input signal too low.

Manifold absolute pressure sensor cylinder 1 - input signal too high.

12 FI warning lamp (MIL) flashes 1x long, 2x short = Check coolant .vs. air temp sensor readings; Replace sensor.

Engine coolant temperature sensor - input signal too low.

Engine coolant temperature sensor - input signal too high.

13 FI warning lamp (MIL) flashes 1x long, 3x short = Check coolant .vs. air temp sensor readings; Check wiring and connections.

Intake air temperature sensor - input signal too low.

Intake air temperature sensor - input signal too high.

15 FI warning lamp (MIL) flashes 1x long, 5x short = Check installed "UP", unplug & test run; Replace sensor.

Rollover sensor (A/D type) - input signal too low.

Rollover sensor (A/D type) - input signal too high.

17 FI warning lamp (MIL) flashes 1x long, 7x short = Wrong country variant mapping; Blank spare parts ecu.

HEGO1 sensor circuit malfunction (bank1).

33 FI warning lamp (MIL) flashes 3x long, 3x short = Check wiring, Check connector wiring orientation; Replace injector.

Injector cylinder 1 - circuit fault.

37 FI warning lamp (MIL) flashes 3x long, 7x short = Check coil connections, check plug wire, cap, and spark plug.

Ignition coil 1, cylinder 1 - circuit fault.

41 FI warning lamp (MIL) flashes 4x long, 1x short = Check fuel pump connections, inside & outside of fuel tank.

Fuel pump control - short circuit to ground or open circuit.

Fuel pump control - input signal too low.

44 FI warning lamp (MIL) flashes 4x long, 4x short = Replace traction control switch; wire harness.

Traction control switch - input signal too high.

Traction control switch - input signal too low.

45 FI warning lamp (MIL) flashes 4x long, 5x short

HEGO1 sensor heater circuit short to vbatt (bank1).

53 FI warning lamp (MIL) flashes 5x long, 3x short = Check wiring; Check connector wiring orientation for injector and purge valve; Check for parasitic voltage draw from ECU; Replace purge valve.

Purge valve control circuit short to GND or open.

Purge valve control circuit short to vbatt.

00 Consistent fast flashing (strobe) FI warning lamp (MIL) = Check cooling system and clutch for cause of overtemp.

Launch mode - activated and ready to start (launch).

Over temp warning - engine is over normal operating temp / engine idling for too long.