



SLINGSHOT

SERVICE ADVISORY

Release Date: February 23, 2022

Expiration Date: February 23, 2023

SLI

Communication #: TSA-22-01

Model Year(s): 2020–2021

— Confidential and Proprietary —

VERSION: R01 (February 23, 2022)

IMPORTANT

If you are working with a printed copy, please verify you have the most current version of this document.

SUBJECT: AUTODRIVE CALIBRATION ENHANCEMENTS

PURPOSE

This Service Advisory provides authorized Slingshot dealers the ability to upgrade 2020-2021 AutoDrive models to the new 2022 transmission calibration at no cost.

The 2022 TCM calibration provides further refinements to the 2021 calibration including fine-tuning to shift speed and reverse engagement engine speed. The calibration is currently available through Digital Wrench II for all 2020-2021 AutoDrive vehicles even if they had TSA-20-01 previously performed.

AFFECTED MODELS

MODEL YEAR	MODELS	AFFECTED RANGE
2020-2021	All Slingshot models equipped with AutoDrive	Reference Unit Inquiry on the dealer website or the Service Communications list on the STOP site to look up affected units.

NOTICE

Model year 2020 and 2021 vehicles will be updated to the 2022 transmission calibration when the Vehicle Controller Update process is performed, even if used for an ECM calibration update or installation of an accessory programming such as the Stage 1 ProStar 2.0L tune, add-on paddle shifters, hill hold feature, or Brembo Brake kit. Vehicles already equipped with an accessory calibration will receive the 2022 TCM update and the most current accessory calibration at the time of the update.

WARRANTY CLAIM INFORMATION

2020-2021 SLINGSHOT MODELS EQUIPPED WITH AUTODRIVE	
Advisory #	TSA-22-01
Claim Type	SA (Service Advisory)
Labor Allowance	0.5 hours (30 minutes)
Part Number / Description	0000541 (QTY 1) Bulletin Misc Labor
Parts Availability	NA
University of Polaris Video Training Required	NO

Claim Submission:

- **US / Canada Dealers:** On DEX, go to Service and Warranty > Warranty Claim and Extended Coverage > Start a New Warranty Claim. Select Service Advisory> Enter the VIN / PIN and Retrieve Registration. Select TSA-22-01 and Send Claim.
- **International Dealers:** On iDEX, go to Service and Warranty> Warranty Claims>Start a New Warranty Claim. Select Service Advisory> Enter the VIN / PIN and Retrieve Registration. Select TSA-22-01 and Send Claim

COVERAGE PERIOD

Coverage will begin on February 23, 2022. Coverage will expire on February 23, 2023.

FEEDBACK FORM

A feedback form has been created for the technician to provide Polaris with an overall satisfaction rating for the instructions, provide comments on your experience or upload pictures/video. The form is viewable on mobile devices by scanning the QR code or on a PC by clicking [HERE](#).



TSA-22-01 PROCEDURE

TOOLS REQUIRED

- Digital Wrench® II
- Multilink XP cable
- Battery Charger

PROGRAMMING PROCEDURE

IMPORTANT

This procedure requires the use of Digital Wrench® II. Connect a battery charger to the vehicle during the programming and grid learn procedures

1. Park vehicle on a flat surface.
2. Shift vehicle to NEUTRAL.
3. Press START/STOP button to turn vehicle OFF.
4. Apply parking brake.
5. Verify that Digital Wrench II version 1.0.16 or later has been installed on your PC or laptop. For installation instructions, Click [HERE](#) to view the Digital Wrench II user manual or visit “Other Publications” on the left navigation menu of the DEX STOP site.
6. Connect MultiLink XP cables to PC and vehicle. Power on into ignition mode by pressing the brake pedal or pushing the start button twice. Do **NOT** start.

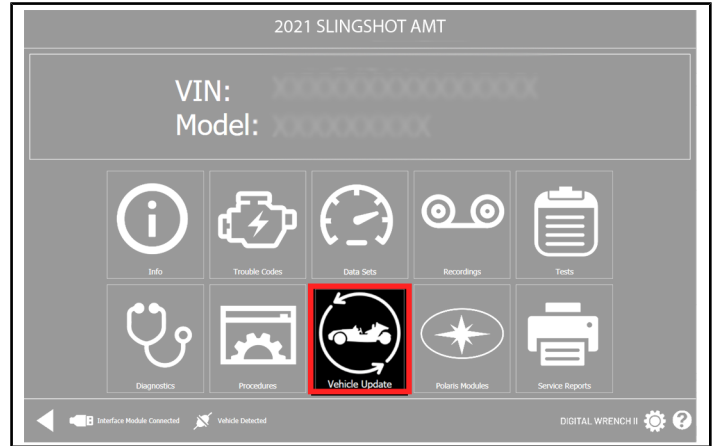
CAUTION

Make sure the vehicle has sufficient battery voltage and is connected to a battery charger before the reflash. Failure to do so may result in a reflash crash and damage the ECM.

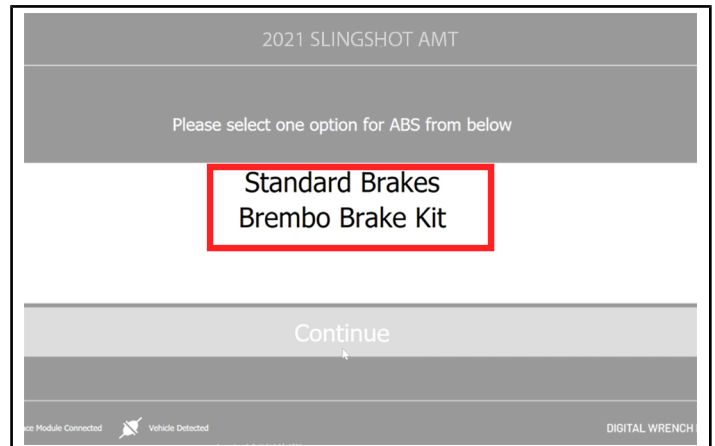
7. Open the Digital Wrench II application.
8. Select **Auto Identify**.



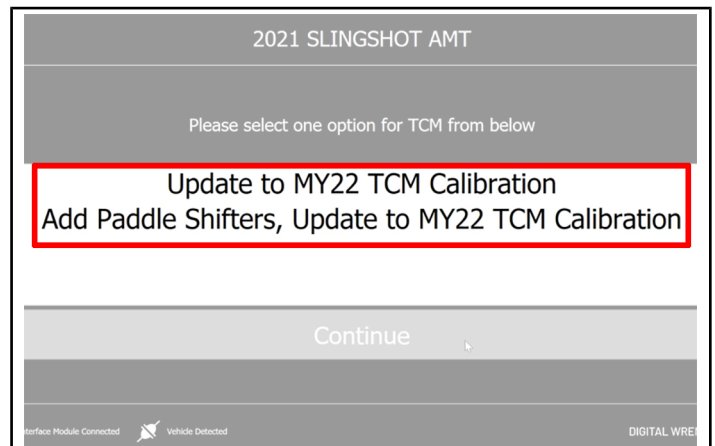
9. Select **Vehicle Update**.



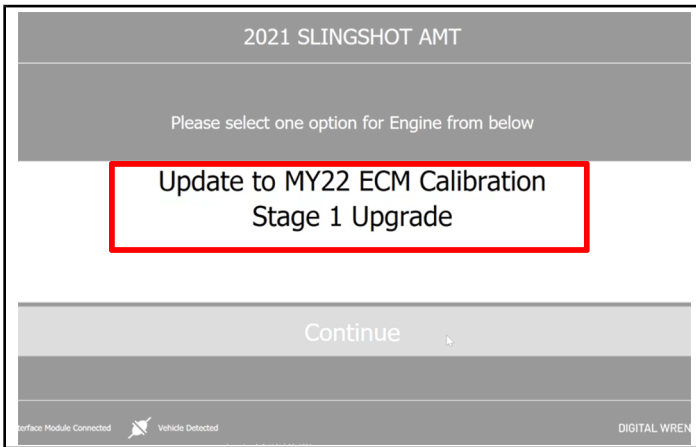
10. Select the appropriate brake package equipped on the vehicle.



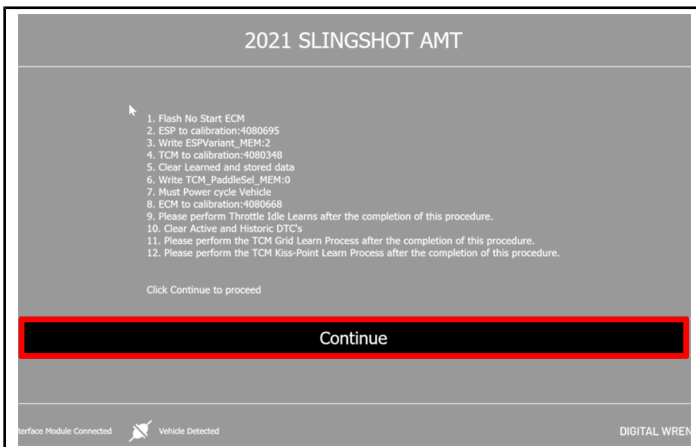
11. Select the appropriate paddle shifter configuration.



12. Select the appropriate engine calibration level.



13. Select **Continue** to begin programming.



14. Perform grid learn and kiss point learn procedures.
Follow the on-screen prompts.

NOTICE

The clutch wear index test drive requires the computer to be connected to the vehicle to monitor the number of acceptable starts completed.

15. Perform the idle relearn procedure.

16. Submit a Service Advisory Warranty Claim for
TSA-22-01.