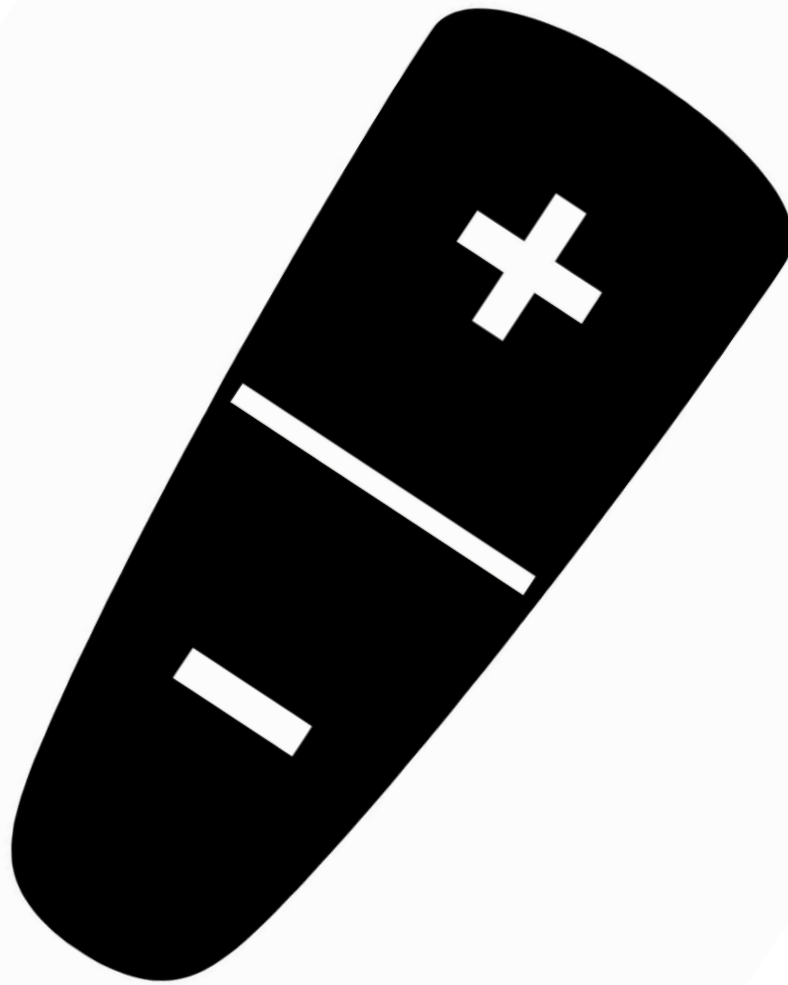


Rev 1.0
2026



Ford Select Shift Conversion Kit

INSTRUCTION MANUAL
PROJECT HOWE

Ford Focus Select Shift Conversion Kit

Requirements:

- Forscan purchased installed**
- High speed capable USB to OBD2 adapter (EXOBD Link works well)**
- T25 and T27 Torx bit and tool to use it
- Pliers (Preferably not needle-nose) for crimping the wire taps
- Razor blade or knife (You'll need to cut a small section of electrical tape)
- Trim removal tool (not required, but helpful) or flathead screwdriver and soft rag
- **BEFORE STARTING: READ STEP 10 THOROUGHLY AND THE DISCLAIMER BELOW**

Note: If preferred, you can have this installed by a mechanic. Bring these instructions with the kit for installation. Avg. install time is 1.5-2hrs.

1. Update the Body Control Module entry for the shifter assembly to SS Shifter. Find the instructions after the conversion kit instructions in this document.
2. Begin on the passenger side, start by removing the lower trim on the center console by pulling on the underside directly under the small access panel. After popping that location loose, push the panel towards the front of the vehicle to completely release it.
3. Next, (**HARDEST PART**) remove the passenger airbag light and trim that is located right above the HVAC controls. This can be done either using a prying tool, like a screw driver or trim remover, while pulling down and towards the back of the car. Some models do not have this light, but the procedure is the same. Unplug and set aside.
4. Remove the **4x** T25/T27 screws that are now visible in this location.
5. Now, you need to remove the lower trim around the shifter. Start by removing the small trim on the right side which is slightly covered by the glove box by



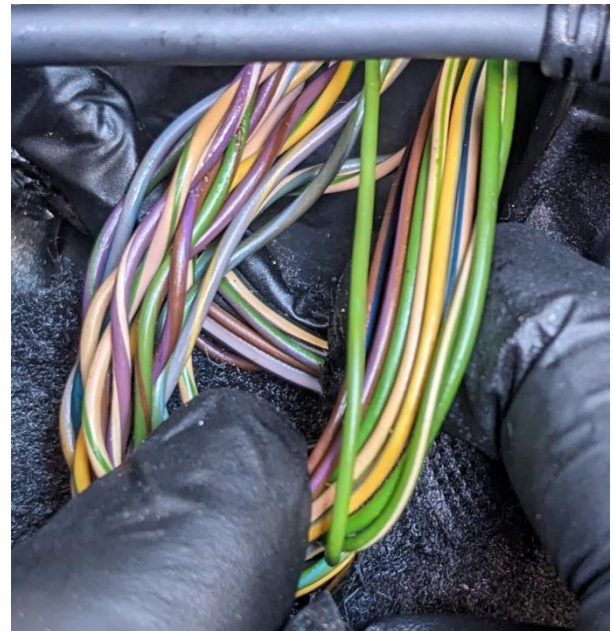
pulling backwards and to the right. This next part can be a hard piece to remove, but start by pulling on the right or left side towards the back of the vehicle. Be careful not to over-pull/yank on just one side, as it can release quickly and could snap at the base of the trim.

6. Remove the T25 that is now visible at the base of the shifter.
7. Pop up the lower section of the bezel you removed the screw from. At this point you will then need to turn the ignition on, **SET YOUR E-BRAKE**, and place the shifter in either D or L. You may need to move the shifter around during the next steps.

8. After popping up the trim, you should be able to access the **3x T25** screws holding the blanking plate for your new Select Shift switch. Remove the blanking plate and set aside. **Or toss it, because who needs it anyways!?!**

9. Now it's time to install your switch! Install it in reverse order, but leave the screws slightly loose. Adjust its position from above to ensure there is little to no contact with the bottom and top of the switch and the frame. Ford's mounting holes can vary a little between cars. Once positioned, tighten the screws.

10. Wiring for the switch is pretty simple, but absolute care should be taken! Ford routes the wires needed alongside some provisioned airbag wiring. So, the golden rule for this step is if two wires are twisted around each other that means you **DO NOT** cut or splice into either of them.



11. On the passenger side, find the wire loom located in the photo and carefully cut the tape back. After cutting and removing the tape, separate the wires into two groups: Twisted wires to the left, untwisted to the right. Splice the wires according to the wiring guide below for your model year. **Cutting is not recommended** as one of the factory wires shares signals from somewhere else down the line.
12. Route the wiring through to the other side of the shifter assembly to pull up and plug into the Select Shift switch. If preferred, now would be a good time to tape up your splices.
13. Reassemble everything in reverse order. Before installing the lower trim from step 2, be sure to pop the little cover off to reveal a push pin that holds the panel in place. Install the lower trim, align and push the pin into the hole to secure it, followed by putting the small cover back on.
14. You're done!! Test to see if the switch works by starting your Focus, placing it in "L", which will now show "S" in your dash. Then press up or down and you should then see "S1" on your dash. The number will only change while using Select Shift and driving (Shifting to other gears at a stop is not allowed by the TCM).

Model Year	Switch Wiring	Car Wiring
2015	1.Red	1.BROWN/VIOLET
	2.White	2.WHITE/GREEN
	3.Green	3.BROWN/BLUE
2016	1.Red	1.BROWN/VIOLET
	2.White	2.WHITE/GREEN
	3.Green	3.BROWN/BLUE
2017	1.Red	1.BROWN/VIOLET
	2.White	2.WHITE/GREEN
	3.Green	3.BROWN/BLUE
2018	1.Red	1.BROWN/VIOLET
	2.White	2.WHITE/GREEN
	3.Green	3.BROWN/BLUE

Select
Shift
 EQUIPPED

DISCLAIMER & ASSUMPTION OF RISK

The Project Howe Ford Focus Select Shift Conversion Kit (or alternate names used such as “Kit”, “the kit”, “retrofit kit”, “conversion kit”, and any other name used in/on its listing, box, or paperwork) is an aftermarket modification intended to retrofit manual gear-selection functionality (“Sport Mode”) on Select Ford Focus vehicles equipped with the DPS6 transmission. This kit has been tested; however, installation and use inherently involves risks.

By purchasing, installing, or using this kit, the owner and/or installer acknowledges and agrees to the following:

- Installation and use of this kit is performed entirely at the owner’s and/or installer’s own risk.
- Project Howe assumes no responsibility or liability for damage, injury, or loss resulting from installation, use, misuse, or inability to use this kit.

Potential risks include, but are not limited to:

- Software corruption or malfunction of the Body Control module (BCM) or other vehicle control modules if battery voltage is not properly maintained during programming or installation.
- Incorrect programming or configuration of BCM parameters if proper procedures are not followed.
- Damage to interior trim, accessories, or fasteners during installation or removal.
- Use of the kit outside of the intended model years or configurations which may result in improper operation or vehicle damage.
- Risk of airbag deployment, personal injury, or vehicle damage if wiring is improperly cut, spliced, probed, or routed.
- Electrical faults, warning lights, system failures or drivability issues if the kit is installed incorrectly or connected to improper circuits.
- Vehicle operation risks, including but not limited to driving behavior, loss of vehicle control, accidents, or misuse of manual gear selection.
- Transmission wear, reduced service life, or abnormal operation resulting from using manual gear selection, aggressive driving, or improper use of Sport Mode functionality.
- Pre-existing vehicle conditions or damage that may be revealed or worsened by installation or use of the kit.

This kit is not manufactured, endorsed, approved, or affiliated with Ford Motor Company. The vehicle owner is solely responsible for ensuring compliance with all applicable local, state, and federal laws and regulations.

Professional installation is strongly recommended. The installer and vehicle owner are responsible for confirming vehicle compatibility, performing the installation correctly, and ensuring safe driving habits/operation of the vehicle.

Under no circumstances shall Project Howe be liable for any indirect, incidental, special, or consequential damages, including but not limited to loss of vehicle use, personal injury, property damage, or loss of profits.

Any questions, concerns, or requests for returns can be directed through communication at projecthowe.com, the platform through which the kit was purchased, or info@projecthowe.com

PROGRAMMING VIA FORSCAN

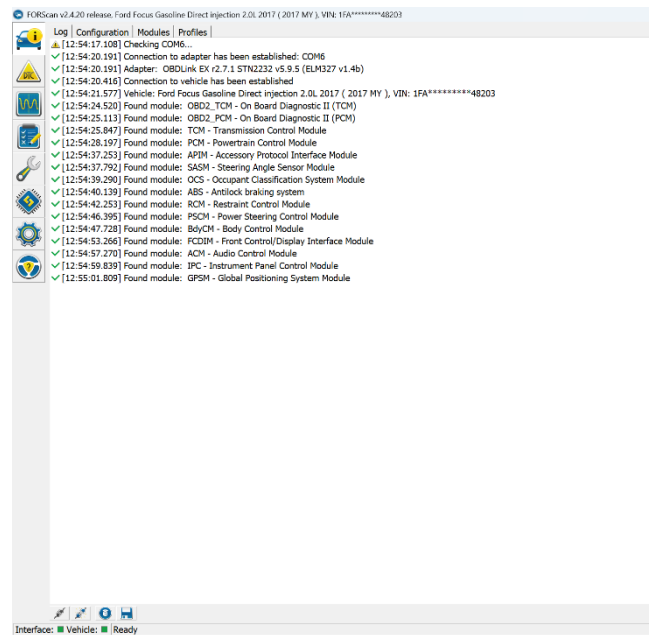
Some programming is needed in order for this select shift kit to work, and to have “Sport Mode”. Below will be a quick guide on using Forscan and an OBDII to USB adapter.

Recommended USB to OBDII adapters: OBDLink EX, Vlinker FS, ELM327 with MS-CAN/HS-CAN compatibility. These adapters can be found on Amazon, and by navigating to Forscan’s website on their products page.

Prerequisites:

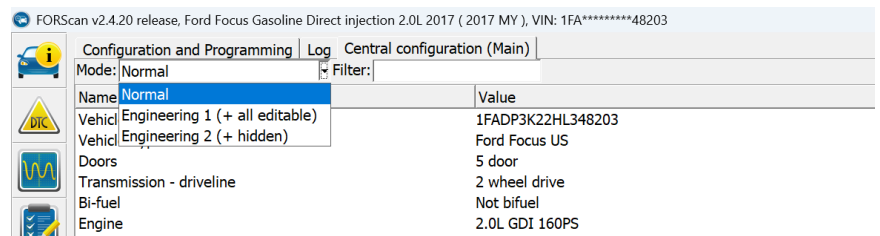
- A healthy battery (Old or weak batteries can cause corruption during programming) with at least 12.2v with ignition on, engine off, no accessories.
- A battery maintainer or charger is the safest thing to use to keep proper voltage when programming
- Ensure you are in a safe place, if something goes wrong during programming you don’t want to be on the side of the road.
- Laptop (fully charged) with connection to the internet, and OBDII adapter

1. Connect the OBDII Adapter to your laptop, then to your car’s OBDII port. Turn on your ignition, but do not start your engine.
2. Open Forscan and select link in the bottom left of the screen. Follow the prompts and allow automatic switching for high speed CAN.
3. Once the connection has been completed, navigate to the circuit chip logo on the left of the screen to open up “Configuration and Programming”
4. Select “BdyCM Module Configuration” and then press the Play button in the bottom left of the screen, read through and follow the prompts on screen.

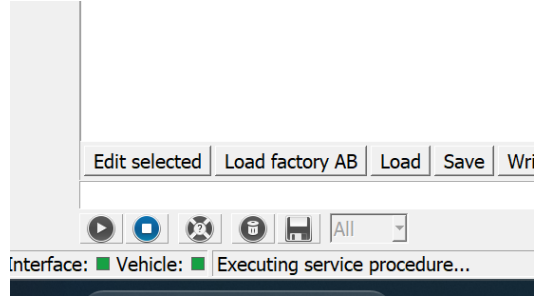


	ABS	Module initialization/relearn from Central Configuration
	ABS	Module firmware update
	ABS	Module configuration (AS BUILT format)
	RCM	Module initialization/relearn vehicle data
	RCM	Module firmware update
	RCM	Module configuration (AS BUILT format)
	PSCM	Module firmware update
	PSCM	Module configuration (AS BUILT format)
	PSCM	Module configuration

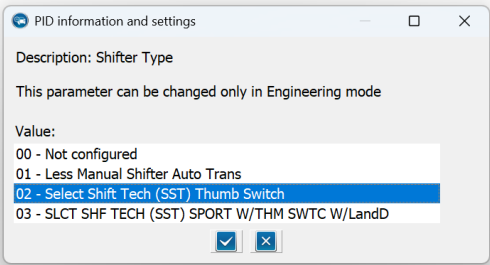
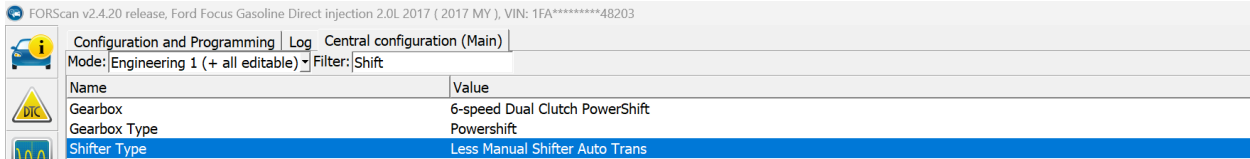
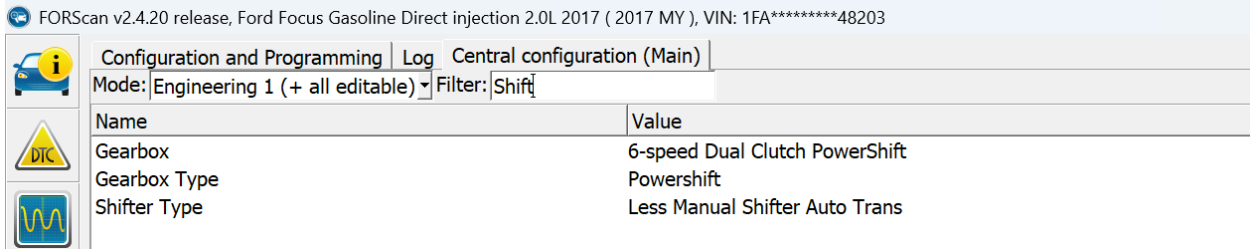
5. Once loaded, select the dropdown at the top of the screen that says “Mode: Normal” and select “Engineering 1 (+ all editable)”



- SAVE YOUR CONFIGURATION – In case you accidentally change something, or something gets messed up, do it now so you can revert back later. Do this by selecting “Save” at the bottom of your screen.
- Now, in the filter section type “Shift” to narrow down the available settings. The great news if you are almost there! Now double click on Shifter Type (If nothing happens, double click on the value)



- Select “02 – Select Shift Tech (SST) Thumb Switch” Option 3 may also work, but has been untested. Confirm your selection with the checkmark. Confirm again if needed.



- Now at the bottom of the screen, select “Write” confirm your choice, and follow the on screen instructions. This process should take a couple minutes to write a bootloader to your Body Control Module, erase old entries, and write the new date. DO NOT DISTURB THE USB TO OBDII ADAPTER as a disturbance in the connection can immediately corrupt your BCM.

10. Once completed, navigate to the main page on Forscan by selecting the Car with "I" symbol. Then at the bottom click on disconnect. (Hover over the symbols at the bottom of the screen if you are unsure which one is which. Once disconnected, remove the OBDII cable from the laptop and Car.

11. Cycle the ignition off and exit the vehicle or open the door. It can take a few minutes or ignitions cycles before you will see the L on your screen change to S. Besides that, you are done! Now pat yourself on the back and go for a test drive in sport mode!

