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INSTALLATION MANUAL

AEROFLOW PERFORMANCE

FORD AOD BRACKET & LEVER

WARNING!

BEFORE PROCEEDING WITH INSTALLATION PLEASE READ INSTRUCTIONS CAREFULLY. THIS PRODUCT REQUIRES DETAILED KNOWLEDGE OF AUTOMOTIVE SYSTEMS. WE RECOMMEND THAT THIS INSTALLATION BE CARRIED OUT BY A QUALIFIED AUTOMOTIVE TECHNICIAN.

INTRODUCTION

Congratulations on your purchase of Aeroflow Performance Ford AOD bracket and lever kit. Aeroflow Performance products cannot and will not be responsible for any damage, or other conditions resulting from misapplication of the parts described herein. However, it is our intention to provide the best possible products for our customer, products that perform properly and satisfy your expectations. Should you have any questions? Please call technical support at +61 2 8825 1900 and have the product part number on hand when calling.

This Bracket and Lever kit is designed to suit Ford AOD transmissions only when using a 3-speed shifter for attaining the correct shift geometry. Although the Ford AOD is a 4-speed transmission, it has only three forward shifter positions, so a 3-speed shifter must be used.

PARTS LIST

DESCRIPTION	QUANTITY
FORD AOD CABLE BRACKET	1
FORD AODSHIFTER LEVER	1
5/16-18" BOLT (UHL 1")	2
7/16" I.D. SPACER (9/32" LONG)	2
1/16" COTTER PIN (1" LONG)	1
CABLE SWIVEL	1

For more information or technical enquires

Contact: Aeroflow Performance on

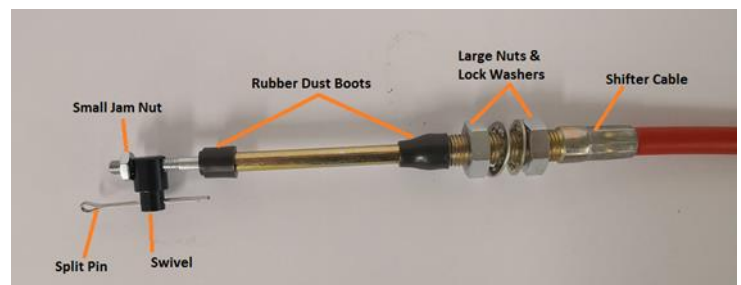
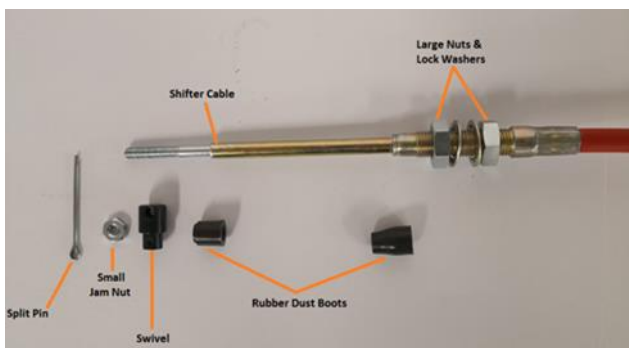
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SAFETY WARNINGS

- AVOID SERIOUS INJURY OR DEATH BY CRUSHING! When you raise the vehicle to work under it, securely support it on a lift or jack stands. NEVER work under a vehicle that is supported only by jacks. DO NOT attempt installation until you are confident the vehicle is safely secured.
- Perform this installation with the engine turned off and negative battery terminal is off
- This shifter uses a cable to shift the transmission only. It is NOT intended or designed to operate a locking steering column.
- PERIODIC INSPECTION AND MAINTENANCE OF YOUR SHIFTER IS RECOMMENDED TO ENSURE THAT THE MECHANISM IS WELL LUBRICATED, FREE FROM DIRT OR RUST AND THAT THE CABLE IS PROPERLY ADJUSTED. LACK OF MAINTENANCE COULD RESULT IN A FAILURE INCLUDING A FAILURE OF THE REVERSE LOCKOUT SAFETY FEATURE.

FORD AOD

1. Check the lever that is currently on your transmission. If it is the same type of lever that is included in this kit (with the same size swivel hole, and installed pointed downwards), you will not need to change the lever. You only need to install the cable bracket.
2. Remove the transmission oil pan.
3. Disconnect the shifter linkage from the transmission shift lever.
4. Remove the 13mm throttle lever nut, remove the throttle lever from the transmission and let it hang loose from the linkage
5. Remove the oil filter from the valve body.
6. Remove the detent spring bolt and the spring.
7. Remove the shift lever retaining pin from the case. Loosen the 20mm nut on the inner end of the shift lever shaft, and slide the lever out of the case. Leave the throttle lever shaft and inner lever in place.
8. Slide the new shift lever into the case over the throttle lever shaft. The arm should be pointed downwards. Engage the new shift lever with the inner shift lever, and install the nut.
9. Reinstall the shift lever retaining pin in its hole, and tap it into place. Tighten the nut. Verify that the inner throttle lever is properly located, and that the spring is in place. Verify that the Park operating rod is in place.
10. Install the throttle lever onto its shaft and tighten the nut. Be sure the linkage is in its original position. Install the detent spring and bolt. Verify that the throttle lever moves freely, and that it pushes in the throttle valve on the valve body. Verify that the shift lever moves through all of its positions, and that the Park operating rod moves with it.
11. Replace the oil filter that was removed from step 5. A new filter is recommended.
12. Reinstall the transmission oil pan. It is recommended to use a new oil pan gasket. Reinstall the original bolts, except for the two that secure the cable bracket.
13. Install the cable bracket with the supplied 5/16-18" (UHL 1") bolts and spacers.
14. Tighten the oil pan bolts to 16-18 Nm. Do not overtighten the bolts, or the pan gasket may be damaged!
15. Route the shifter cable to avoid kinks and sharp bends to allow a smooth operation. Route the cable away from hot engine or exhaust parts. We recommend the use of a heat guard or heat shield to protect the shifter cable from extreme heat components on the vehicle. Be sure to correctly secure your shifter cable so it does not contact any moving objects.
16. Remove the small jam nut, two small rubber dust boots, one large nut, and a large lock washer from the threaded end of the shifter cable. Slide the end of the shifter cable into the cable bracket. Install the large nut and the lock washer loosely over the end of the cable. Reinstall the two small rubber dust boots onto the end of shifter cable. Install the swivel on the threaded end of the cable and position it in the center of the threaded portion.



17. Move the transmission shift lever to the PARK (full forward) position, then move the lever back two clicks to NEUTRAL. In the vehicle, move the shifter lever to its NEUTRAL position. Install the swivel onto the end of the cable, and adjust until the end of the swivel slides freely in and out of the shift lever. Move the shifter through all of the gear positions, and at each position, verify that the swivel slips freely in and out of the shift lever. NOTE: The swivel may have to be adjusted one turn in either direction. When you are satisfied with the swivel adjustment, snug the jam nut against it and install the cotter key.
18. Start the engine and shift the transmission slowly through each gear position, and then back to NEUTRAL. Check the transmission fluid level, and add more fluid if necessary, to bring it up to the proper level. Verify that the shifter operates smoothly, and that the transmission shifts to the selected gear.

If you have a problem, DO NOT FORCE THE SHIFTER, this will damage the cable, the shifter or the transmission. Simply start at the beginning and carefully check all your steps.

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