

PRECISION PERFORMANCE PRODUCTS

Transmission Hardware and Installation Instructions

Please Note: *These instructions have been re-written and edited by Century Performance Center, Inc. Most of this document is from the original instruction sheet with some expanded detail to improve clarity for both our own customers and other Kwik-Shift users.*

All of the **Precision Performance Products** transmission hardware (cable brackets, levers, etc.) has been carefully engineered, thoroughly checked, and tested on their respective transmissions to ensure proper function, accuracy, and reliability. However, variables exist that can affect shifter cable alignment.

The shifter cable can tolerate up to five degrees (5°) of misalignment without experiencing excess cable bind.

Aftermarket components that include transmission oil pans, competitive brand transmission levers, and cable brackets can create variables that affect optimum shifter cable alignment. When various variables affect cable alignment it is important to make the proper adjustments. For example, the washers/shims that are included with the Precision Performance Products cable brackets may or may not be necessary for every application.

In extreme cases, the mounting tab on the cable bracket may require adjustment by applying a slight bend (with the aluminum bobbin installed) to achieve the correct cable alignment.

When routing the shifter cable, it is important to avoid bends in the cable both next to the mounting points at the transmission and at the shifter. Any bends in these areas will cause excessive cable drag (bind).

Route the shifter cable away from any high-temperature areas and moving parts. Keep any bend radius greater than 10.0" inches (25.4cm) to prevent the cable from binding and ensure long life (**FIGURE 2**).

When the cable moves through full travel, the lever on the transmission will move through an arc that deflects the exposed end of the cable up and down (**FIGURE 1**). The definition of an optimum adjustment is when there is an equal amount of deflection angle from the six o'clock lever position to either the most extracted or most retracted cable position.

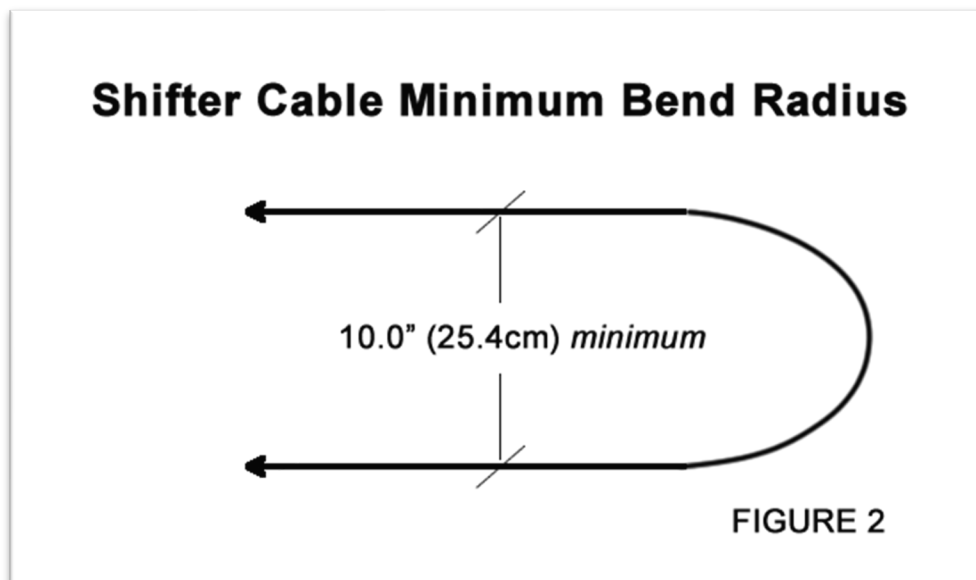


FIGURE 1

