

## How to test the air interface when the splitter is full



### Overview

A burst of air will be exhausted from the shift knob when moving the splitter button rearward (shifting to low split). Remove lower skirt on shift knob. Repair leaking fitting or air line. Check for. These components can be tested using a RF signal source, termination resistors, and the Frequency Selective Voltmeter. NOTE: Be sure to consult the manufacturers data sheet to obtain the parameters for the specific device you are testing. Note that it says above 3dB, but 3dB is the theoretical minimum, and there's always more loss due to. Note: During all testing, the vehicle air pressure must be greater than 90 PSI (620 kPa). Do you hear any noise when splitting?

I have an 87 ford 8000 with a fuller 9513 and I can't split in high range.

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If all output ports have poor signal strength or no signal, it's likely that the splitter has developed a fault. Replace the splitter with a new one and repeat the testing process to ensure the ...



Listen for any constant air leak from the shift knob, air module base (exhaust), or transmission breather. If a constant leak is heard, go to that particular leak troubleshooting procedure first.



Just a single small air lines runs to the splitter cylinder on the lower left of the aux section. Remove the air line and see if you have air when you push the splitter forward.



Using Full Duplex does have some interesting advantages. For starters, each end ...



To test a splitter for through loss, first measure and record the level of the signal source. Next terminate all but one of the output terminals of the splitter with a 75 ohm resistor.



In this thread I'll show you how to test a combiner (splitter) and check the accuracy of the datasheet specs. I've picked Mini Circuits ZN2PD-4R753+ (450-7500MHZ)



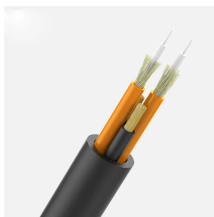
The document describes the air system components and operation for shifting a transmission. It includes diagrams and descriptions of the shift knob, air filter/regulator, slave valve, and troubleshooting ...



Weekly integration cycle: Tag current version  
Collect all merge requests in integration branch  
Test integration branch If tests pass, accept merge requests, otherwise reject



There will be a brief burst of air at the slave valve as the high range side of the range piston exhausts. Likewise, when high range is selected, the air pressure in the "P" will be exhausted at the shift knob.



This extended topology with fully cross linked RF ports is required, for example, to test direct mode operation between terrestrial trunked radio stations (TETRA).



Using Full Duplex does have some interesting advantages. For starters, each end of the link has noise on a different frequency, so you can independently tune the best reception frequency for each side ...

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