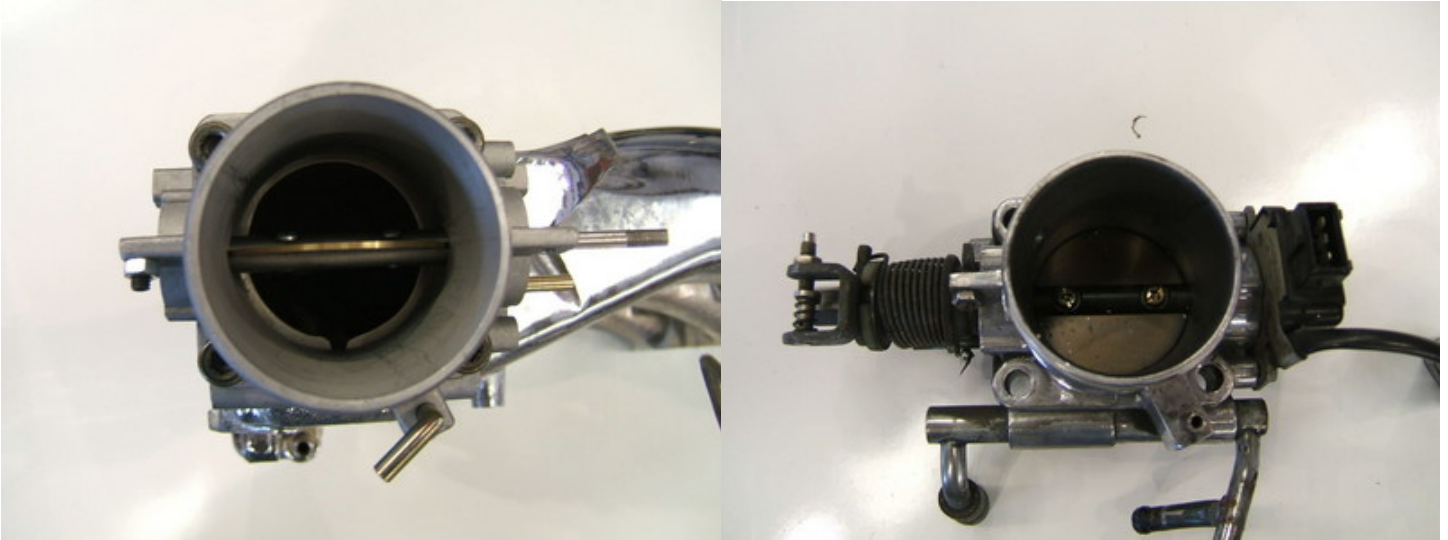


Z1 Upgraded throttle body mounted on unmodified plenum before port matching:



Notice amount of aluminum that needs to be removed, ground out & port matched:



Stock LH throttle body assembled:



**LH throttle body linkage disassembled:**



**Plastic Throttle body linkage spacers.**

These pieces often are cracked or crack to pieces when disassembling the throttle body linkage. Currently these small plastic pieces aren't available new from Nissan without buying complete brand new throttle bodies which are very expensive. Z1 is in the process of having these pieces made and available for sale at very reasonable prices:



**First step assembling linkage on Z1 LH Throttle body:**



Second step assembling linkage on to Z1 LH throttle body:



Linkage spread out and ready to be placed on to Z1 LH throttle body:



Most of the linkage on Z1 LH throttle body:



Most of the linkage on Z1 LH throttle body (view #2):



Most of the linkage on Z1 LH throttle body (view #3):



Assembling end of linkage onto Z1 LH throttle body:



Assembling end of linkage onto Z1 LH throttle body (view #2):



**IMPORTANT:** Leave lock washer out before installing final nut on end of throttle linkage. You can use a touch of liquid thread lock on the nut on the end, it's not required though as long as the nut is properly tightened:



Nut installed on the end of the Z1 LH throttle body linkage. No lock washer behind the nut:



Stock RH throttle body assembled:



RH stock throttle body with linkage disassembled. NOTE: Some newer style Z32 RH throttle bodies have the stop (pictured here to the left hand side of the pic) located on the inside of the throttle body instead of the outside like pictured here. The Z1 Upgraded throttle bodies are made to accomodate either style stop:



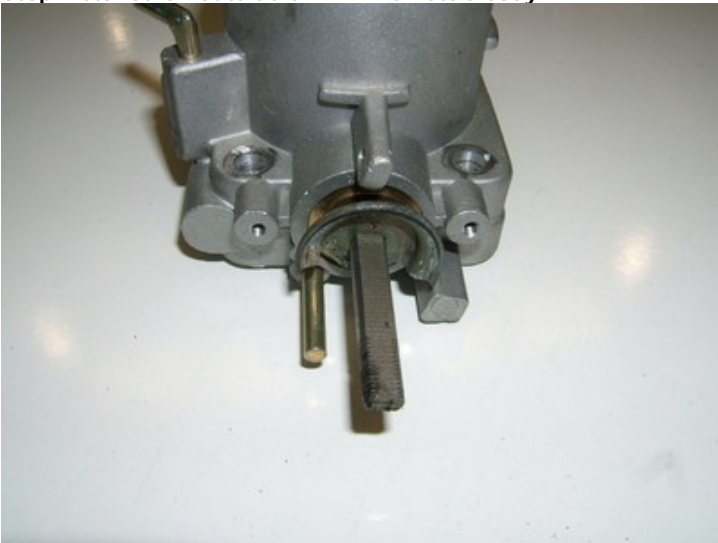
Throttle body linkage from RH throttle body (early style) Newer models will also have the stop which would be located on the left side of the pic:



Throttle body stop from RH throttle body. May be located on either side of stock throttle body depending on year. The stop can be placed on either side of the RH Z1 Throttle body.  
The remainder of the example here show the stop being placed on the outside of the RH Z1 throttle body:



Stop installed on outside of RH Z1 throttle body:



First step in assembling linkage on to RH Z1 throttle body (if placing stop on outside edge) otherwise stop would go on before the piece pictured:



First step in assembling linkage on to RH Z1 throttle body (view #2):



Linkage mostly assembled on to RH Z1 throttle body:



Linkage mostly assembled on to RH Z1 throttle body (view #2):



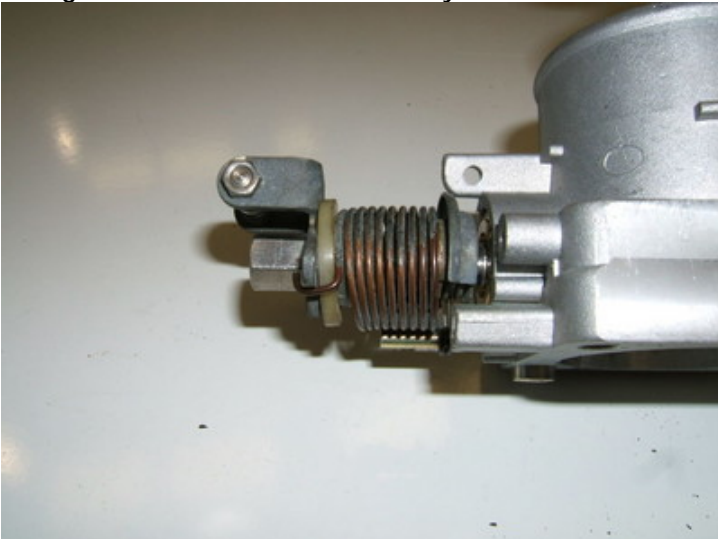
Last piece of linkage to be assembled on to RH Z1 throttle body:



**IMPORTANT:** Leave lock washer out before installing final nut on end of throttle linkage. You can use a touch of liquid thread lock on the nut on the end, although it's not required though as long as the nut is properly tightened:



Linkage installed on Z1 RH throttle body:



**Nut installed on the end of the RH Z1 throttle body linkage with no lock washer behind it:**



**We recommend removing the washer (pictured here behind the nut with the nipple on the end) on both ends of the center linkage for better fitment:**



**Washer removed from behind nut on the end of the center linkage as recommended for better fitment:**



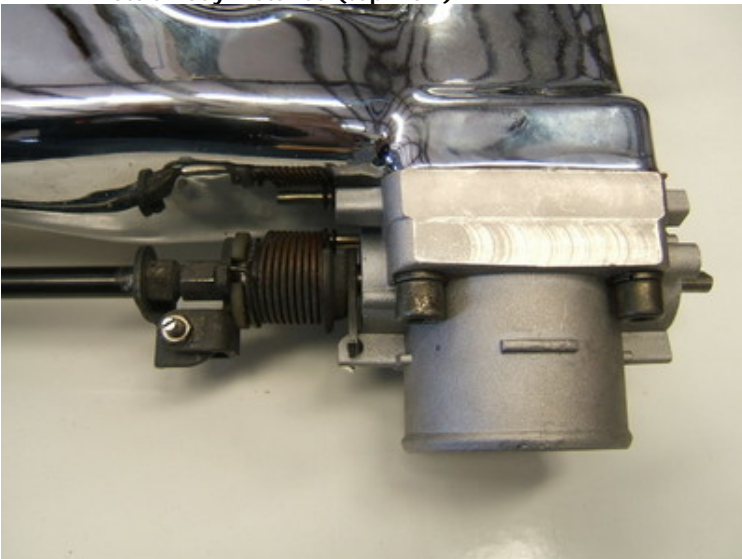
LH Z1 Throttle Body installed:



LH Z1 Throttle Body installed (view #2):



LH Z1 Throttle Body installed (top view):



LH Z1 Throttle Body installed (top view #2):



RH Z1 Throttle Body installed:



Inside of Z1 Throttle Body with plenum ground down and port matched.:

