

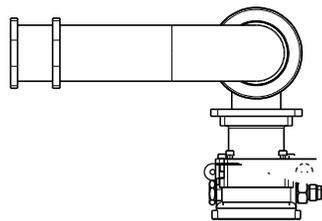
The induction is primarily made from off the shelf parts. The silicone reducers and 2" aluminum elbows are available online. The legs of the 2" elbows can be cut to fit the needs of the particular installation.

Only three parts need to be fabricated: 2 flanges to mate to the existing induction castings and the flange to bolt the TBI to. These can be readily made by hand with common shop tools, although we had ours plasma cut for a very reasonable cost.

The T plenum and the flanges need to be welded. The T plenum can be oriented as needed.

Although the system as drawn can support it's own weight, it is still important for the longevity of the system that there be a 3rd point of support at the TBI itself. This will vary from installation to installation but must not be overlooked.

It is possible for a standing vortex to form inside the plenum, similar to water draining from a basin. This would be revealed by uneven EGT's. A simple fix is to install a piece of mesh inside the plenum.



Item Number	Quantity	Part Number	Part Name	Revision	Comment
1	2		2 inch hose clamp		
2	1		Engine side flange		
3	1		2 inch elbow, left side		
4	1		2 inch elbow		
5	2		Silicone reducer		
6	2		3 inch hose clamp		
7	2		Casting flange		
8	1		Rotec TBI		
9	1		T plenum		

