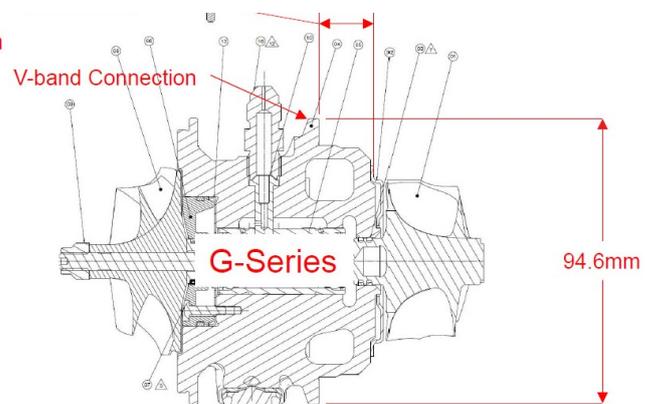
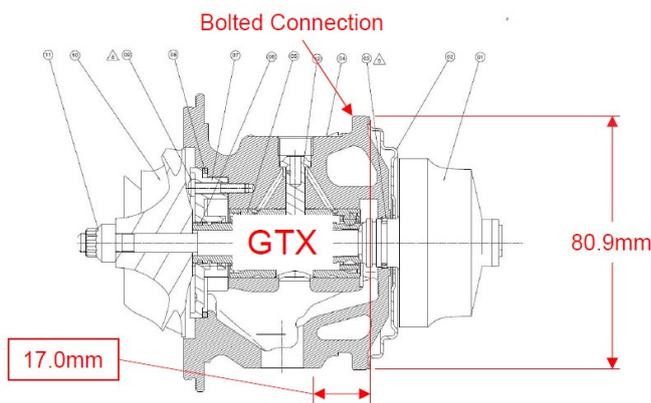


## Features of new GTXGen3 vs GTX Gen2 and G-Series

### Design Overview

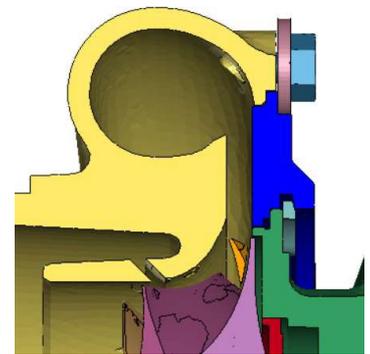
#### Features / Benefits

| GTX   | G-SERIES   |
|---|--|
| <ul style="list-style-type: none"> <li>Bolted connection for turbine hsg                             <ul style="list-style-type: none"> <li>Increased part complexity</li> <li>Compact (axially)</li> <li>Narrow flange diameter</li> <li>6 bolts / 3 clamps for assembly</li> </ul> </li> <li>Adapter / retaining ring connection for compressor hsg                             <ul style="list-style-type: none"> <li>Modular design – utilize different compressor hsgs</li> <li>Increased part complexity</li> </ul> </li> </ul> | <ul style="list-style-type: none"> <li>V-band connection for turbine hsg                             <ul style="list-style-type: none"> <li>Reduced part complexity</li> <li>17mm axially longer</li> <li>14mm larger flange diameter</li> <li>Easier to assemble / change hsg orientation</li> </ul> </li> <li>One-piece backplate center hsg for compressor hsg                             <ul style="list-style-type: none"> <li>Backplate diameter specific to compressor hsg</li> <li>Reduced part complexity</li> </ul> </li> </ul> |

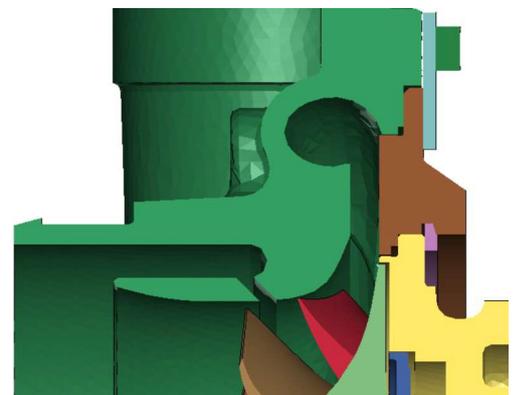


## GTX Gen III Features

- Five Models (standard rotation)
- GTX2860, GTX2867R, GTX3071, GTX3076R, GTX3576R
- Modular compressor stage design of GTX
- G-Series compressor aero / hsg
- G-Series turbine aero
- Inconel material
- GTX Gen II contour to utilize existing GTX Gen II turbine hsgs and customer hsgs / manifolds machined for GTX
- Specific, robust adapter ring used with corresponding G-Series compressor hsgs
- Same retaining ring as used on Gen II
- New center hsg design => thicker flange
- G-Series bolts and clamps
- Three adapter rings available separately for use with GT/GTX Gen I, II custom T04B, T04E and T04S compressor hsgs



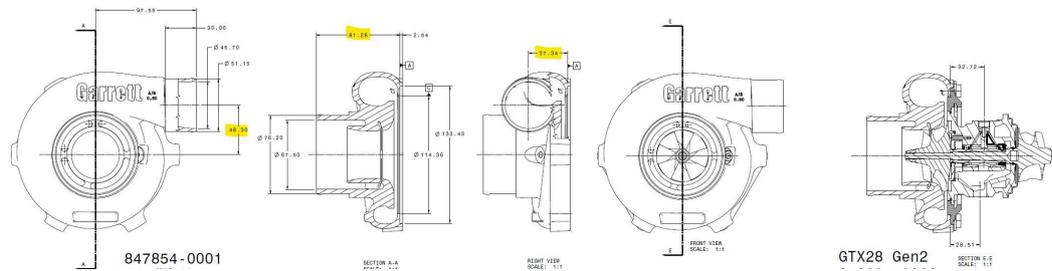
**GTX Gen 1 & 2**



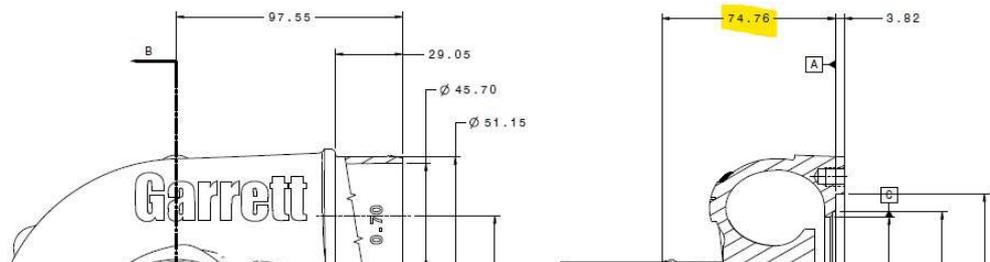
**GTX Gen 3**

## GTX Gen III => Compressor Hsg Comparison (GTX28)

### Gen2

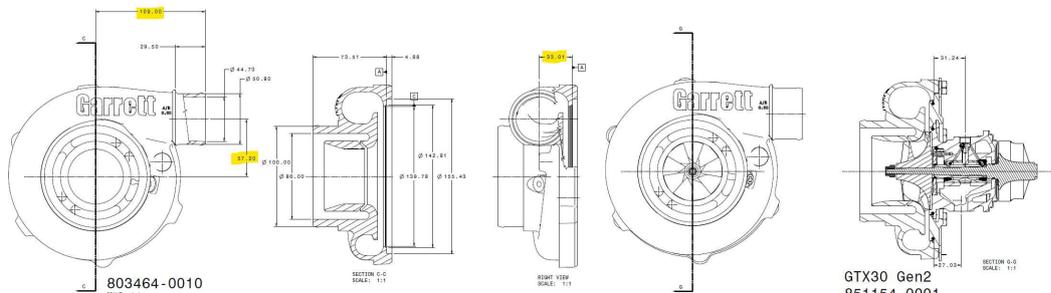


### Gen3

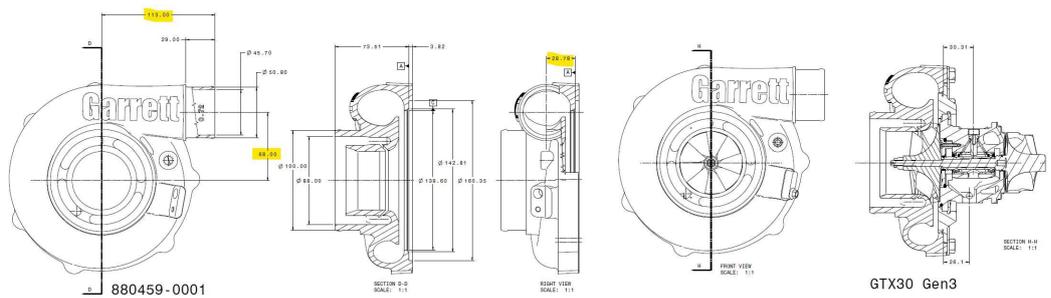


## GTX Gen III => Compressor Hsg Comparison (GTX30/35)

### Gen2



### Gen3



## Performance Product Lines (2860 to 3576 Configurations)

| Model                   | Compressor |         |      |      | Turbine |         |      |
|-------------------------|------------|---------|------|------|---------|---------|------|
|                         | Inducer    | Exducer | Trim | A/R  | Inducer | Exducer | Trim |
| <i>GTX2860R Gen III</i> | 48mm       | 60mm    | 65   | 0.70 | 54mm    | 47mm    | 76   |
| <i>GTX2867R Gen III</i> | 54mm       | 67mm    | 65   | 0.70 | 54mm    | 47mm    | 76   |
| <i>GTX3071R Gen III</i> | 58mm       | 71mm    | 65   | 0.72 | 60mm    | 55mm    | 84   |
| <i>GTX3076R Gen III</i> | 62mm       | 76mm    | 65   | 0.72 | 60mm    | 55mm    | 84   |
| <i>GTX3576R Gen III</i> | 62mm       | 76mm    | 65   | 0.72 | 68mm    | 62mm    | 84   |

| FEATURES                      | GOOD        |             | BETTER      | BEST        |
|-------------------------------|-------------|-------------|-------------|-------------|
|                               | GT          | GBC         | GTX Gen III | G-SERIES    |
| Displacement                  | 1.4L - 4.5L | 2.0L - 5.0L | 1.4L - 5.5L | 1.4L - 5.5L |
| Horsepower (Max Rating)       | 360 - 675   | 700         | 550 - 900   | 550 - 900   |
| Reverse Rotation              |             |             |             | ✓           |
| Internally Wastegated         | ✓           | ✓           | ✓           | ✓           |
| Aluminum Center Hsg           |             |             |             |             |
| Speed Sensor Port             |             |             | ✓           | ✓           |
| Water-Cooled                  | ✓           |             | ✓           | ✓           |
| Journal-Bearing               | ✓           | ✓           |             |             |
| Ball-Bearing                  | ✓           |             | ✓           | ✓           |
| V-band Inlet Turbine Hsg      |             |             | ✓           | ✓           |
| Stainless Steel Turbine Hsg   |             |             |             | ✓           |
| Mar-M High Temp Turbine Wheel |             |             |             | ✓           |