



**8513HKR: LS Turbo Cross-Over Tube for T56 w/ QuickTime Bell Housing**  
**8514HKR: LS Turbo Cross-Over Tube for GM Powerglide, GM TH400, GM TH350**  
**8515HKR: LS Turbo Cross-Over Tube for GM 4L60E & GM 4L80E**  
**8516HKR: LS Turbo Cross-Over Tube for T56 w/ OEM Bell Housing & 6L80E**  
**8517HKR: LS Turbo Cross-Over Builder Kit**

## **PARTS INCLUDED:**

<b>8513HKR- 8516HKR</b>		<b>8517HKR</b>	
<b>Qty.</b>	<b>Description</b>	<b>Qty.</b>	<b>Description</b>
1	Turbo Cross-Over	2	2.25" 45° & 90° Bends
1	Instruction Sheet	1	2.25" Stainless Bellows
		1	Instruction Sheet

## **INSTALLATION:**

1. Install the Hooker Turbo Manifolds (8510HKR, 8510-1HKR) on the engine. (We recommend using Mr Gasket MLS or GM OEM Gaskets.) Do not tighten the bolts completely. Allow the manifolds to move a little for alignment of the turbo cross-over.
2. Place the turbo cross-over up to the driver's side manifold. Use a V-band clamp (included in 8510HKR or 8510-1HKR) and lightly tighten the clamp to hold the cross-over tube in place. Use a small amount of anti-seize on the V-band clamp threads.
  - a. If building your own cross-over using 8517HKR, place both V-band clamps on the passenger's and driver's manifolds and tighten them. Build from one side to another using the supplied bends, making sure you use the flexible bellows somewhere in the assembly to allow heat expansion and misalignment.
3. On the passenger's side, using a V-band clamp (included in 8510HKR or 8510-1HKR), attach the turbo cross-over to the passenger's side turbo manifold inlet. Use a small amount of anti-seize on the V-band clamp threads.
4. Once the turbo cross-over is bolted up and aligned correctly, fully tighten the manifolds to the cylinder head. Then, tighten both V-band clamps.
5. After the first couple heat cycles on the cross-over tube, check to make sure either V-band has not loosened up.