

6.0L Diesel Talk LIVE



6.0L Turbocharger and EGR Valve Cleaning Procedures

September 20, 2006

Diesel Talk Live

- **Today - 6.0L Turbocharger and EGR Valve Cleaning Procedures**
 - Presentations will be available on Power Stroke Central
 - Links to streaming video will be available on Power Stroke Central
 - Watch for our next Broadcast “Diesel Talk Live: 6.0L Recalibration for Cold Injector Spool Valve Sticking.”

Turbo & EGR Valve Cleaning

- Tech Time Plus
 - Episode #30 includes Turbo Cleaning
 - Episode #31 includes EGR Valve Cleaning

Summary of Turbocharger Service Actions

Available Now

- Turbo cleaning Procedure (covered today)
- New Low Flow Actuator Valve (VGT valve)

Under Development

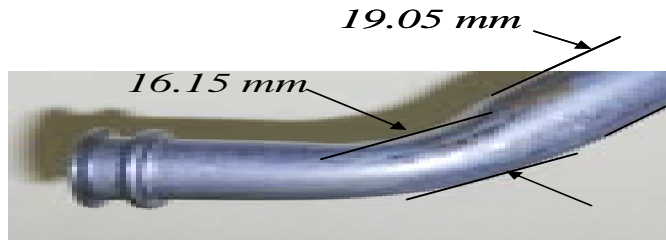
- New Larger Oil Drain Tube
- New replacement Turbo without VGT
- WDS Diagnostic using a Turbo Vane Position Sensor (VPS)

Summary of Turbocharger Service Actions Cont...

Valve-less Turbo

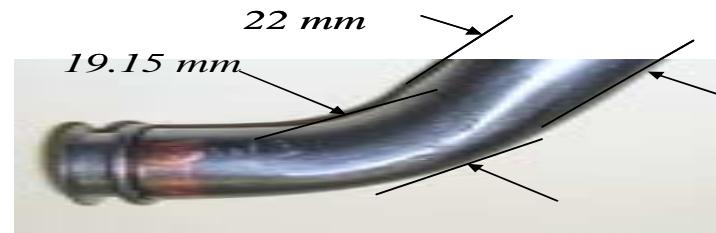


Larger Oil Drain Tube



Before

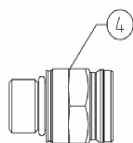
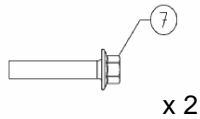
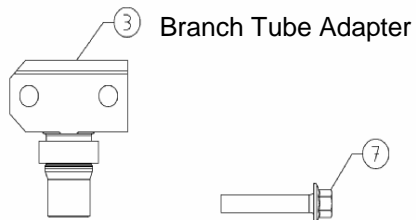
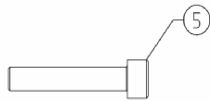
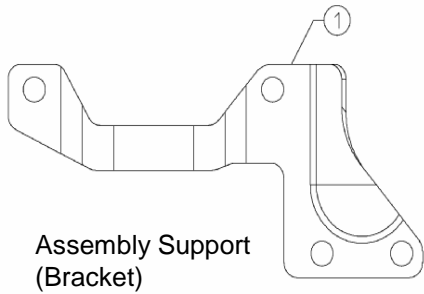
After



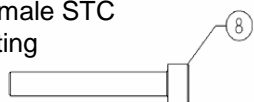
Leak isolated to the high pressure pump Snap to Connect (STC) fitting

- Movement of the branch tube adapter, relative to the STC fitting, causes damage to the joint and a leak at the STC fitting
- The high pressure pump is not the cause of the leak. (over 50% of returned pumps function properly)
- Make the repair using **STC Bracket Kit – 4C3Z-9B246-A**
- Bracket eliminates movement between the STC fitting and branch tube adapter
- List the causal part as the STC Bracket Kit (4C3Z-9B246-A)

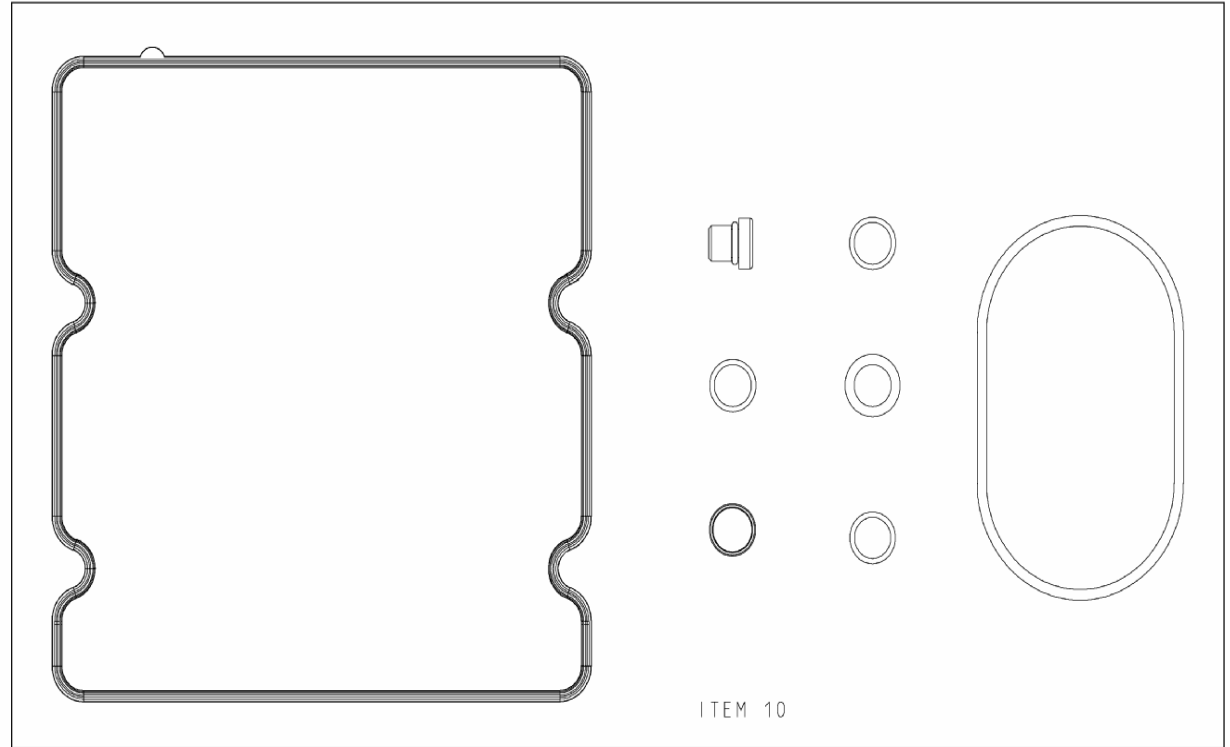
4C3Z-9B246-A STC Bracket Kit Contents



Female STC
Fitting



Hydraulic Pump Seal Kit



(A5) WEIGHT 0.465 KG

Taped Rebroadcast Dates

Ford Dealer TV – Channel 11

<i>Topic</i>	<i>Date</i>	<i>Time (ET)</i>
Turbo and EGR Valve Cleaning	9/26/06	5:00 – 7:00 PM
	9/27/06	9:00 – 11:00 AM
	9/28/06	6:00 – 8:00 PM
	10/3/06	5:00 – 7:00 PM
	10/4/06	9:00 – 11:00 AM
	10/5/06	6:00 – 8:00 PM

Question ?

- Have you used the Turbocharger cleaning procedure?
 - A. Yes
 - B. No

Question ?

- Have you used the EGR Valve cleaning procedure?
 - A. Yes
 - B. No

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Q & A