

SUBJECT: 6.0L Turbo Identification

The Ford® 6.0L pickup is still very relevant and a common question is which turbocharger part number do I need? Through the 26 design changes there are currently three active part numbers available from Garrett®.

Part number	Description	Year range	Application
725390-5006S	New	Early 2003	F-250/350/450/550, Excursion®, E Series®
725390-9006S	Reman		
743250-5024S	New	Late 2003-early 2005	
743250-9024S	Reman		
743250-5025S	New	Late 2005-2010	
743250-9025S	Reman		

6.0L Power Stroke® Components

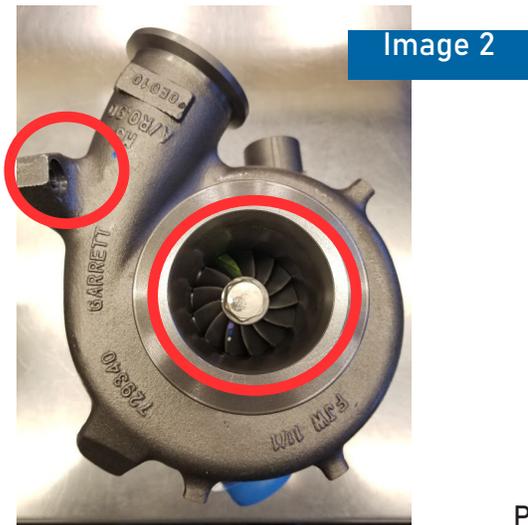
Part numbers		Description	Year range	Application
Garrett	Alliant Power			
792593-0001	AP91000	Turbocharger vane actuator	2003-2010	F-250/350/450/550, Excursion, E Series
726476-0006	AP63481	Turbocharger install kit		

Identification Tips:

The 725390-5006S (9006S) is physically different from 743250-5024S (9024S) & 743250-5025S (9025S).

- ▶ The hold down bolt location is in two different spots.
- ▶ The 725390-5006S (9006S) turbo (Image 1) has a smooth machined surface with a locating dowel on the turbine housing.
- ▶ 743250-5024S (9024S) & 743250-5025S (9025S) turbos have an extension coming off the turbine housing (Image 2).
- ▶ The 725390-5006S (9006S) has 10 blades on the turbine wheel. 743250-5024S(9024S) & 743250-5025S (9025S) have 13 blades on the turbine wheel.

The estimated switch from a 725390-5006S (9006S) to a 743250-5024S (9024S) is 09/2003. When in doubt please refer to the turbine housing hold down location.



743250-5024S (9024S)	743250-5025S (9025S)
Pickup trucks with a build date prior to June 2005 are tentatively equipped.	Pickups with a post June 2005 build date are tentatively equipped.
Uses a 59.12/82.00mm compressor wheel.	Uses a 56.81/82.00mm compressor wheel.
Slightly higher peak power because the compressor wheel is slightly larger (2.31mm).	Is more optimized for surge reduction and therefore better road manners.

However, 743250-5024S (9024S) & 743250-5025S (9025S) can be used interchangeably with no ill effects.