



## Output Shaft Seal (37.23.01)

### Special Service Tools

205-817/01



E55425

Adaptor shaft holding/extractor split  
205-817/01

205-817/02



E55426

Adaptor shaft holding/extractor ring  
205-817/02

205-817/03



E55427

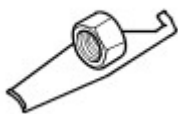
Adaptor shaft holding/extractor bolt  
205-817/03



E49451

General purpose puller  
100-005A (LRT-99-500A)

308-375



E55428

Seal extractor  
308-375



Impulse extractor  
100-012 (LRT-99-004)




Seal installer  
205-818




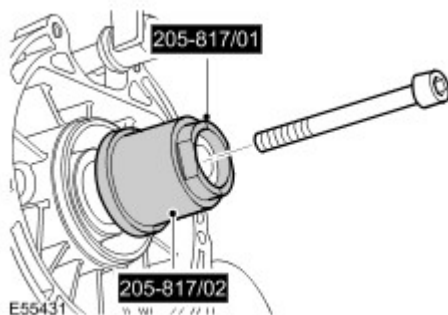
Impulse extractor adaptor 100-12/01

## Removal

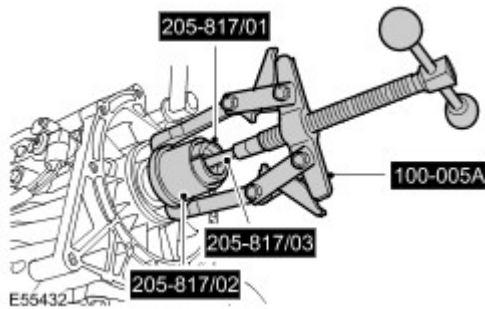
1.  **WARNING:** Do not work on or under a vehicle supported only by a jack. Always support the vehicle on safety stands.

Raise and support the vehicle.

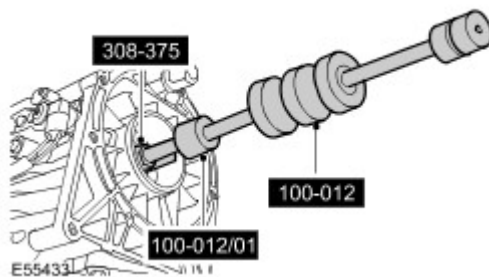
2. Remove the transfer case. For additional information, refer to [Transfer Case - 2.7L Diesel \(41.20.25.99\)](#) (Section 308-07)
3. Remove the Allen bolt retaining the adaptor shaft.  
 Use the special tool to hold the adaptor shaft.




4. Remove the adaptor shaft.  
▶ Use the special tools.



5. Remove the output shaft seal.  
▶ Use the special tool.

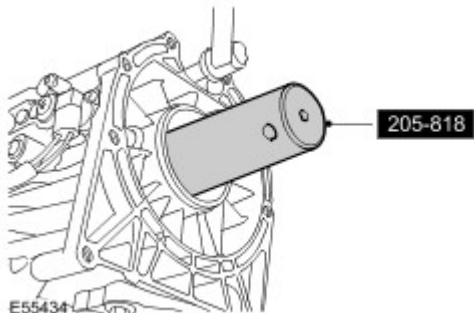


## Installation

1.  **CAUTION: Oil seals must be fitted dry.**

Install a new output shaft seal.

- ▶ Clean the component mating faces.  
▶ Use the special tool.



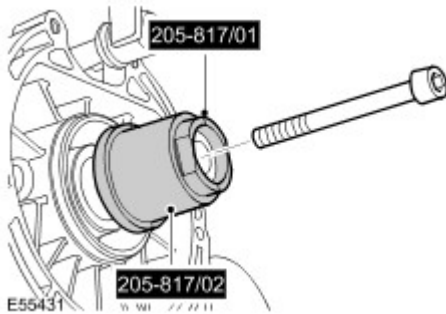
2.  **WARNING: Wear protective gloves.**

Install the adaptor shaft.

- ▶ Clean the component mating faces.
- ▶ Heat the adaptor shaft evenly to 120 degrees Centigrade before fitting the adaptor shaft to the splines.

3 . Install the Allen bolt.

- ▶ Use the special tool to hold the adaptor shaft.
- ▶ Apply sealant to the Allen bolt thread.
- ▶ Tighten the Allen bolt to 68 Nm (50 lb.ft).



4 . Install the transfer case. For additional information, refer to [Transfer Case - 2.7L Diesel \(41.20.25.99\)](#) (Section 308-07)

5 . Drain and refill the transmission. For additional information, refer to [Transmission Draining and Filling \(37.24.01\)](#) (Section 308-03)