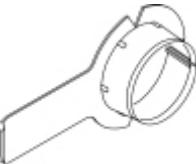


变速器 - 1.5升 EcoBoost (118kW/160马力)

基本零件号: 7000

专用工具 / 通用设备

	205-775 半轴密封件保护器 E47098
	205-999 驱动轴密封件保护器 E160840
	303-1502 时规盖油封安装器 E116729
	303-290-03A 303-290A适配器 30329003A

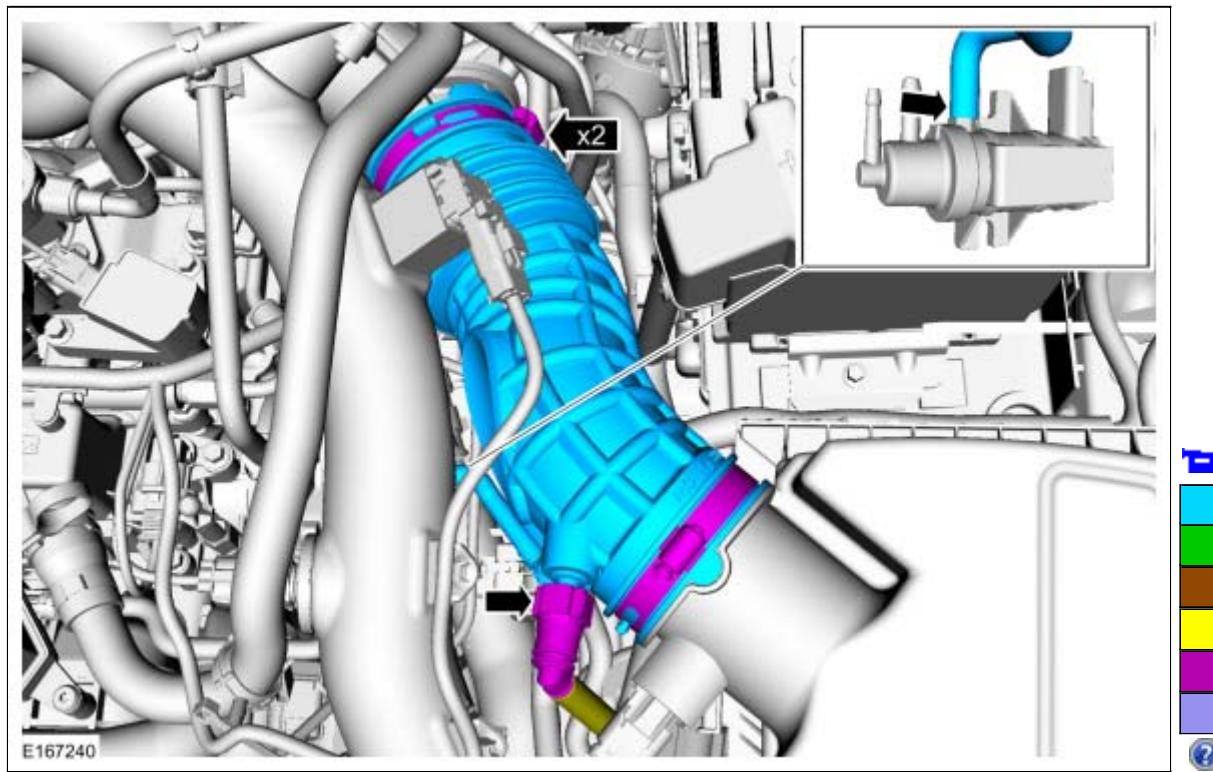
	303-290-05A 303-290A适配器
	303-290B 发动机支承杆
	303-364 气门弹簧压缩器
磁性套筒	
变速器台架	
轮胎撬棍	
固定带	
木块	

## 材料

名称	规格
多功能润滑脂	ESB-M1C93-B

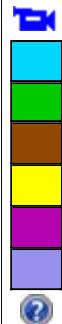
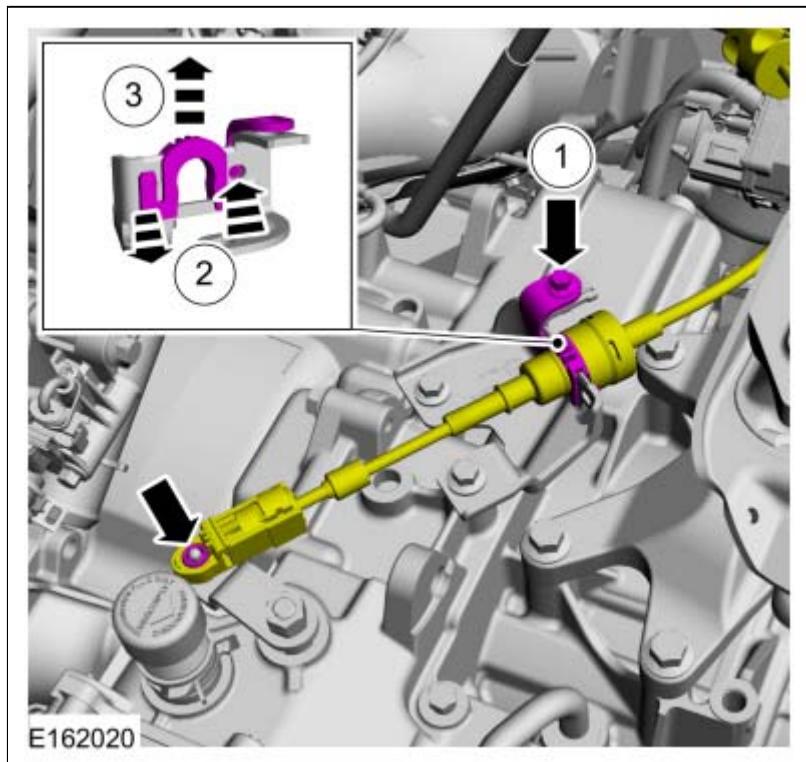
## 拆卸

1.



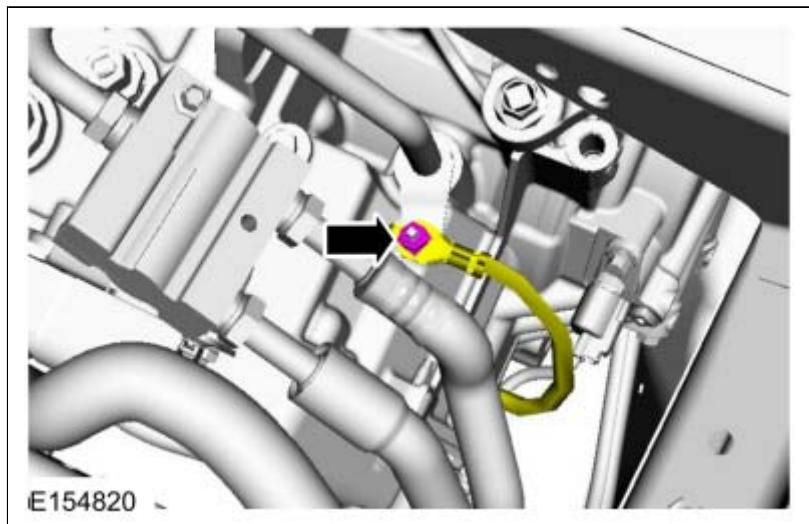
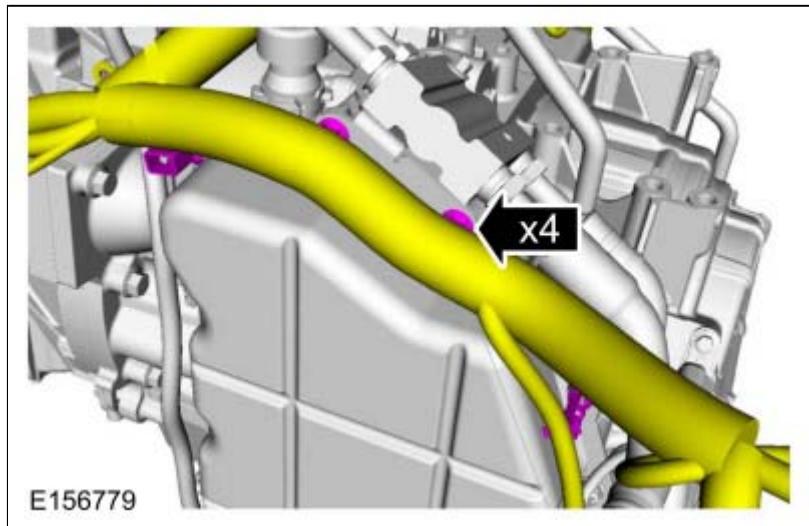
2. 参阅: [蓄电池座盘](#) (414-01 蓄电池、座架和电缆, 拆卸和安装).

3.

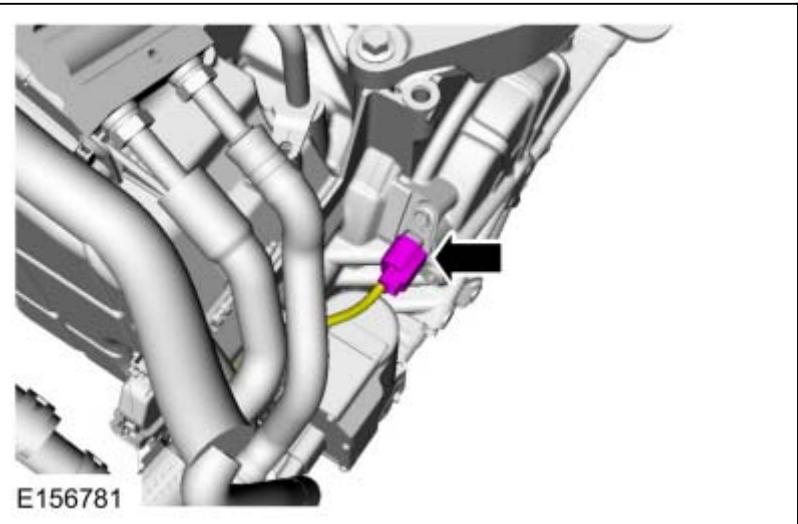


4.



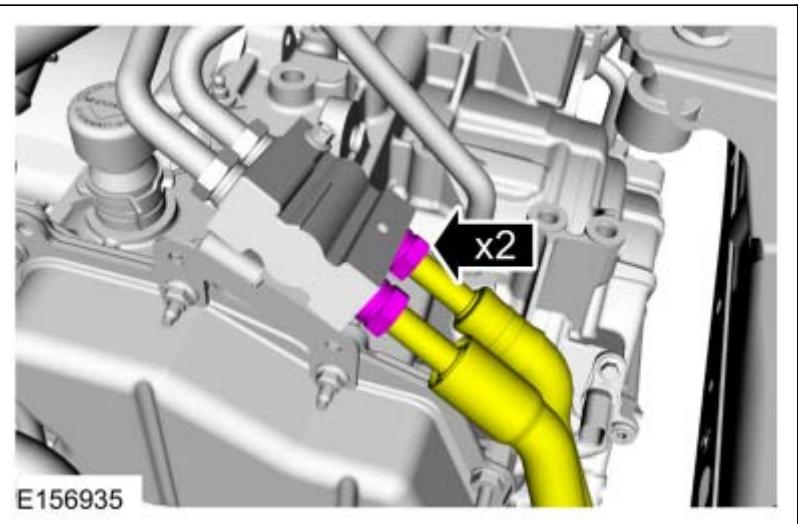


6.

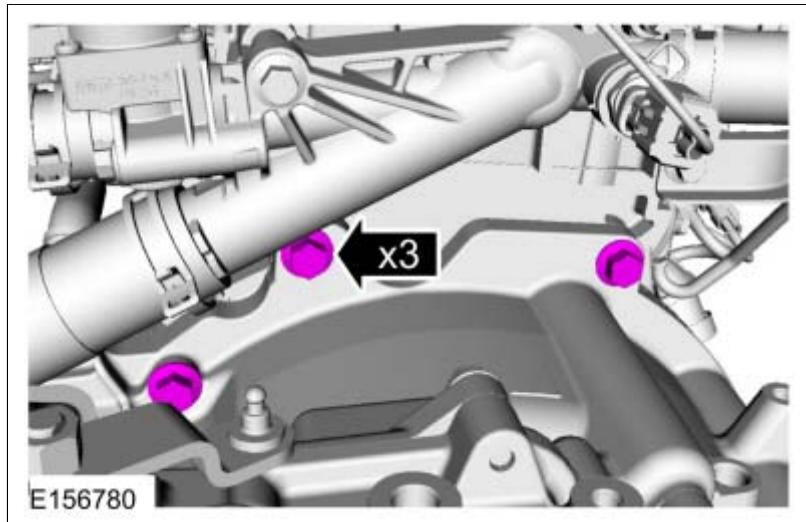


7. 确保所有孔口均已密封。

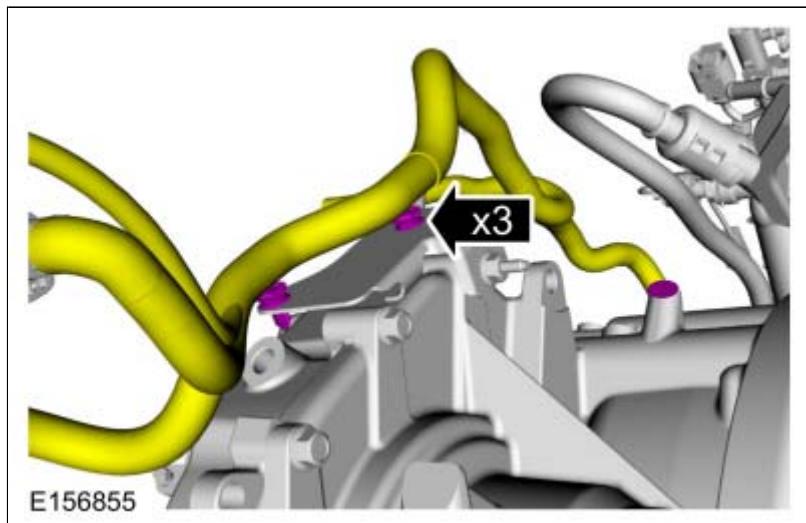
注意：用合适的纸张吸收溢出的油液。



8.

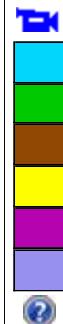
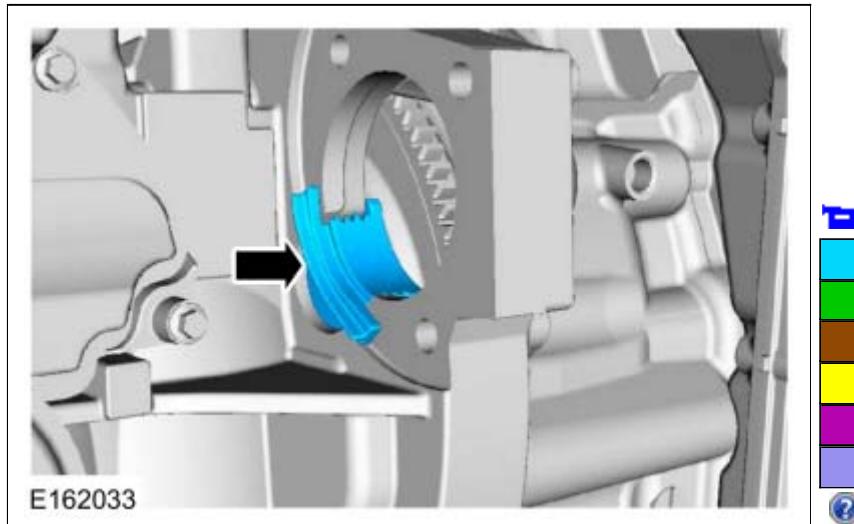


9.

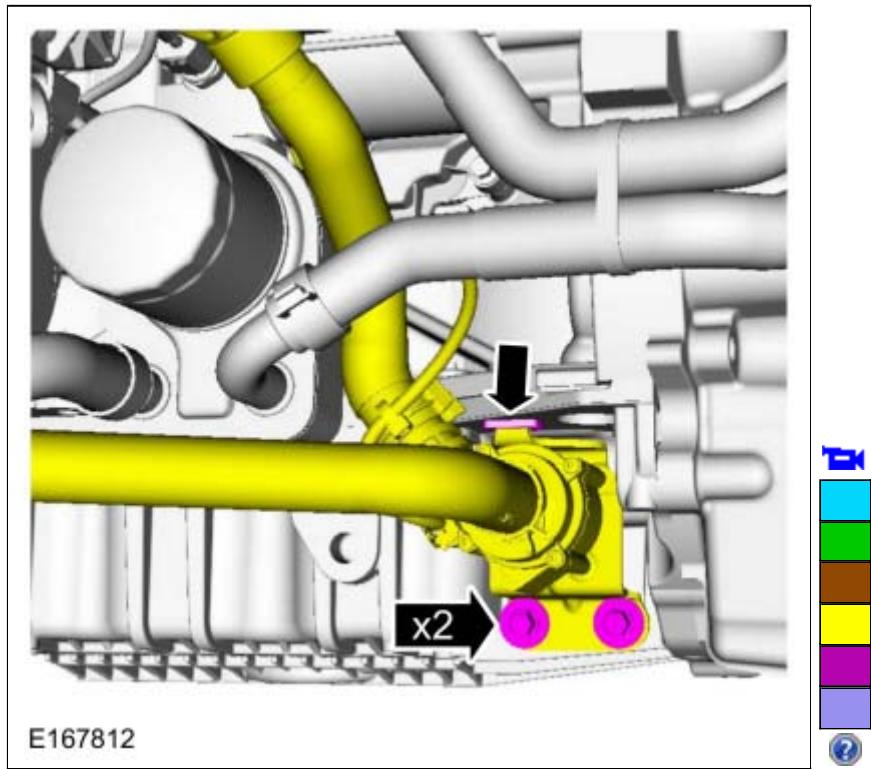


10. 参阅: [动机](#) (303-06A 动 - 1.5升 EcoBoost 132 /180马力 , 拆卸和安装).

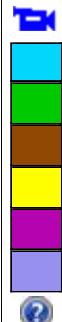
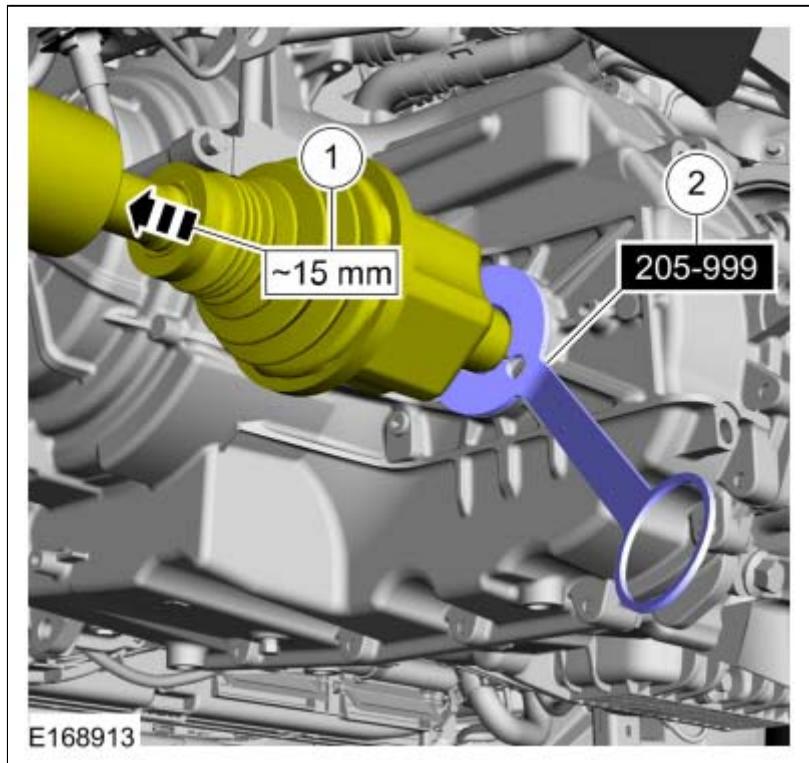
11.



12.

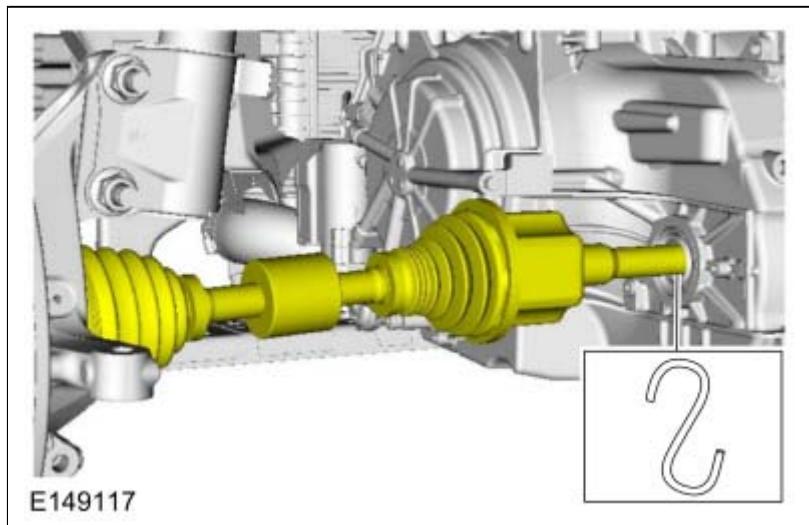


13. 参阅: [架 \(502-00\)](#) 、 架和安装 , 拆卸和安装).
14. Install Suggested Tool: 205-999 驱动轴密封件保护器. 用 工具  
通用设备: 轮胎撬棍

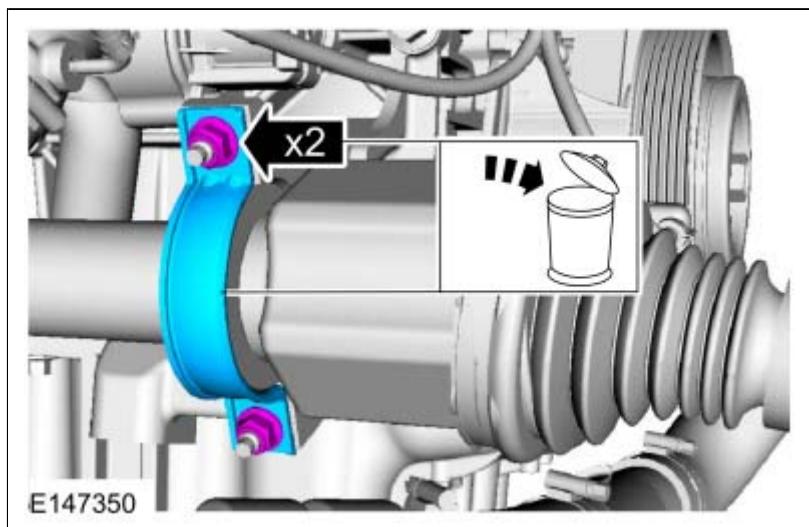


15. 确保滑柱在必要范围内移动，以防顶部支座受损。



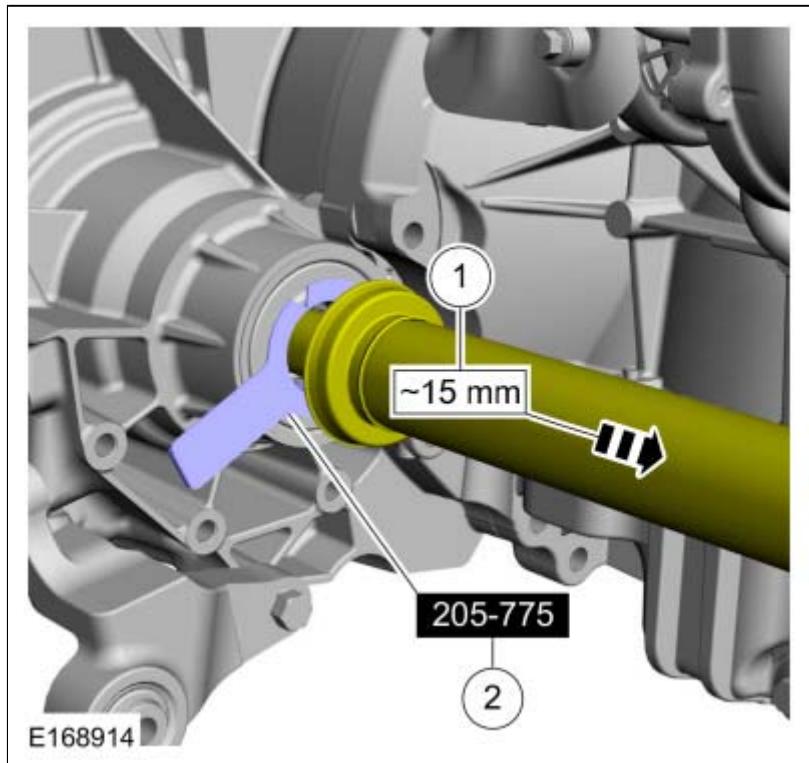


16.



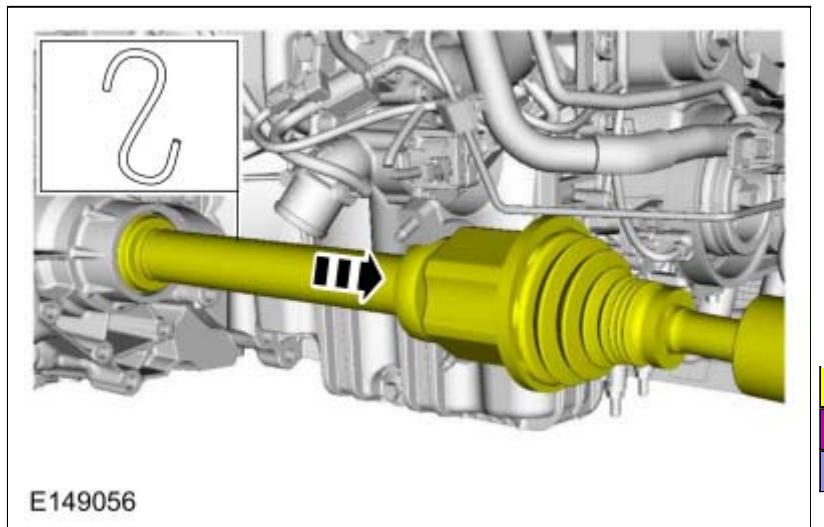
17. Install Suggested Tool: 205-775 半轴密封件保护器。用 工具

工具



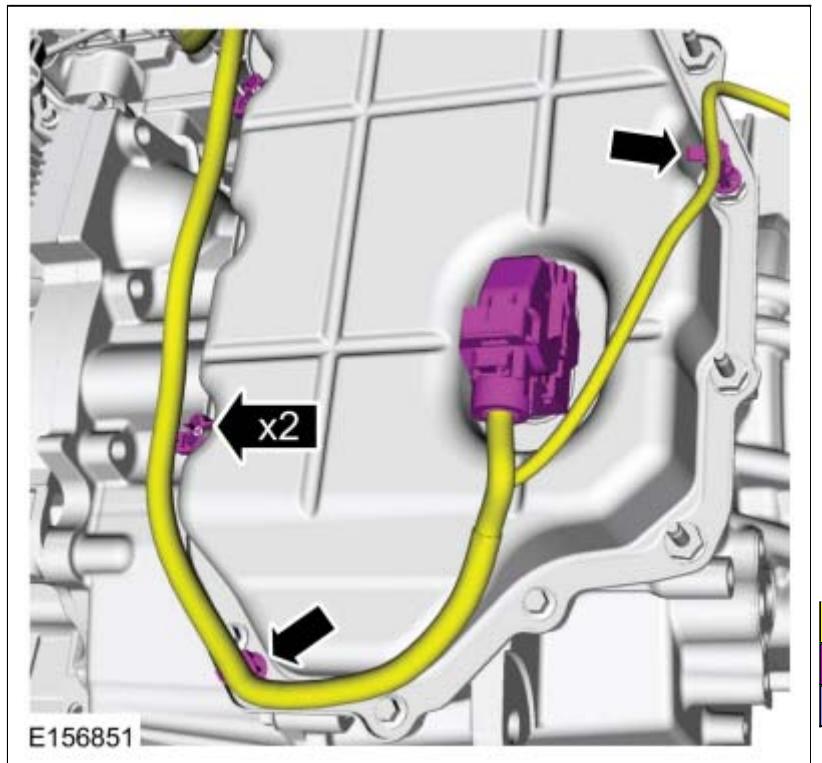
18. 确保滑柱在必要范围内移动，以防顶部支座受损。



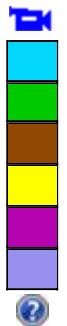
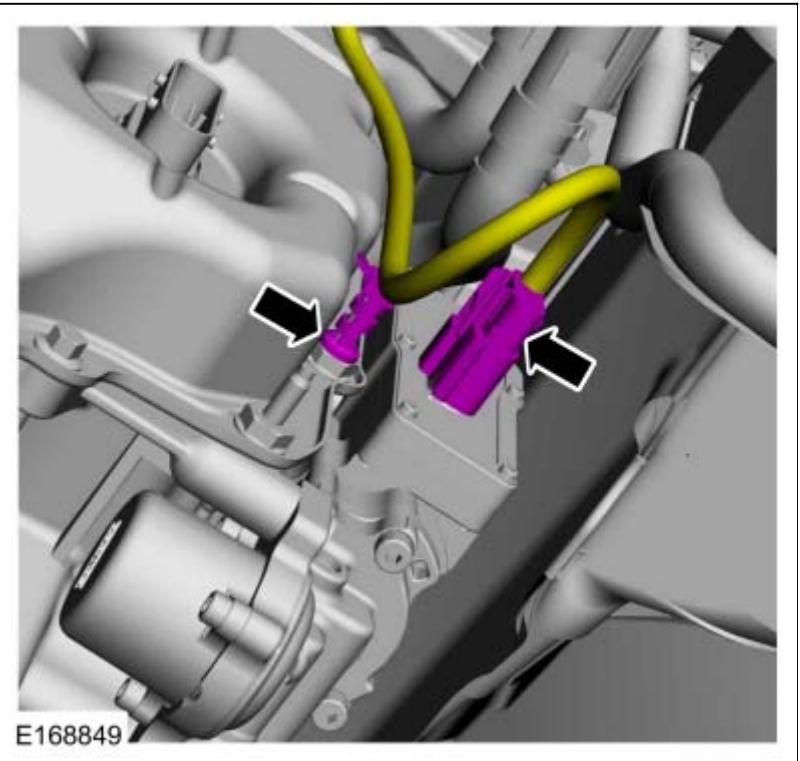


19.



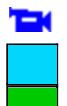


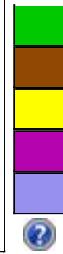
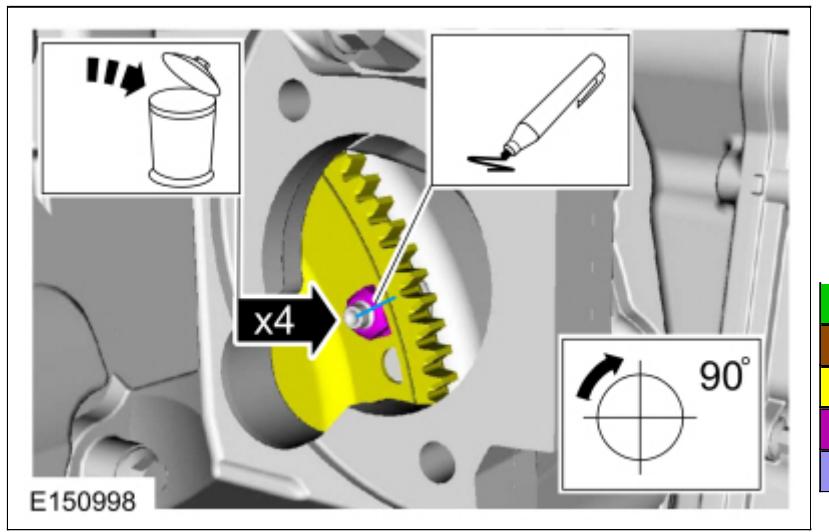
20.



21. 注意：拆卸前标注部件位置。

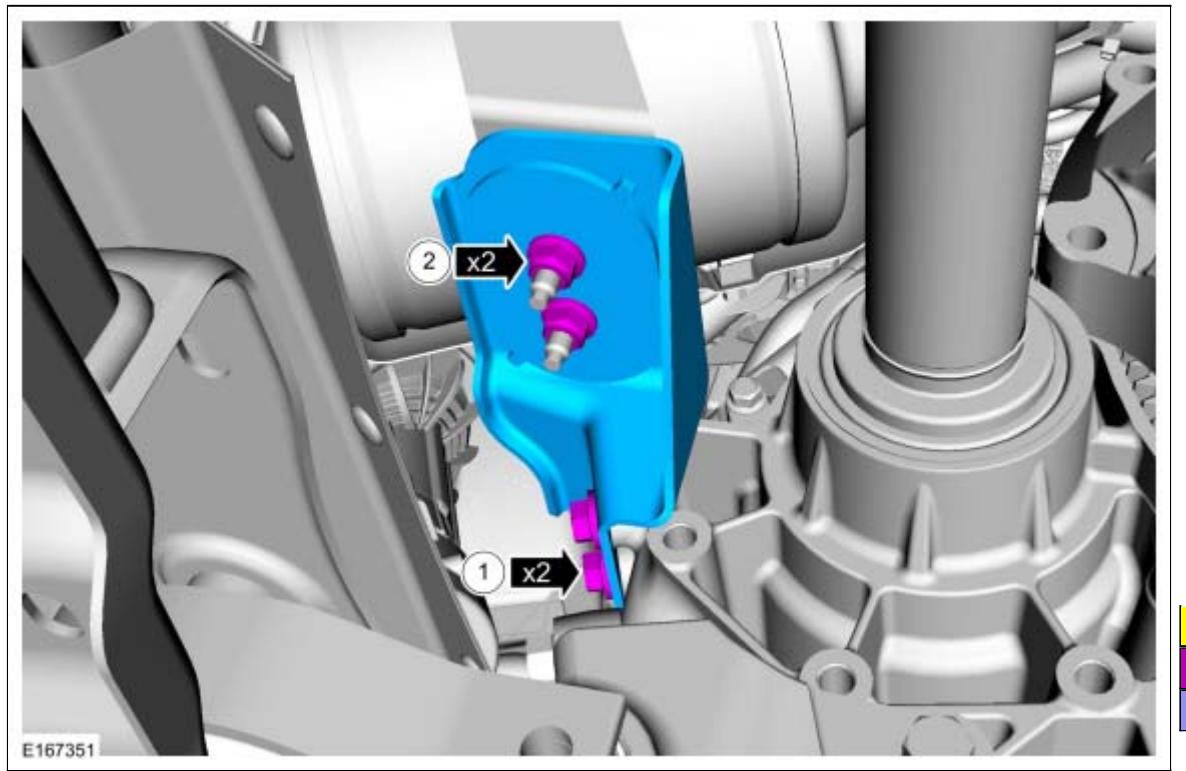
通用设备：磁性套筒





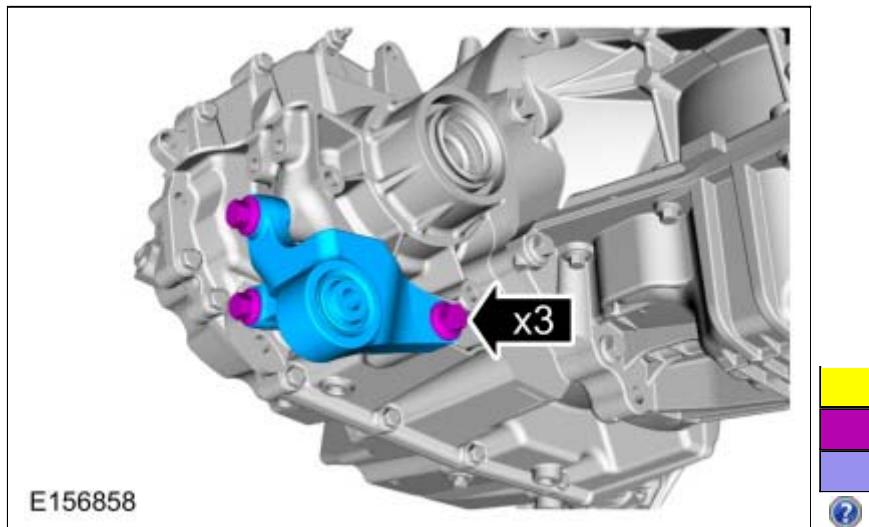
22.





23. 注意：此步骤仅在安装新的变速器时需要。

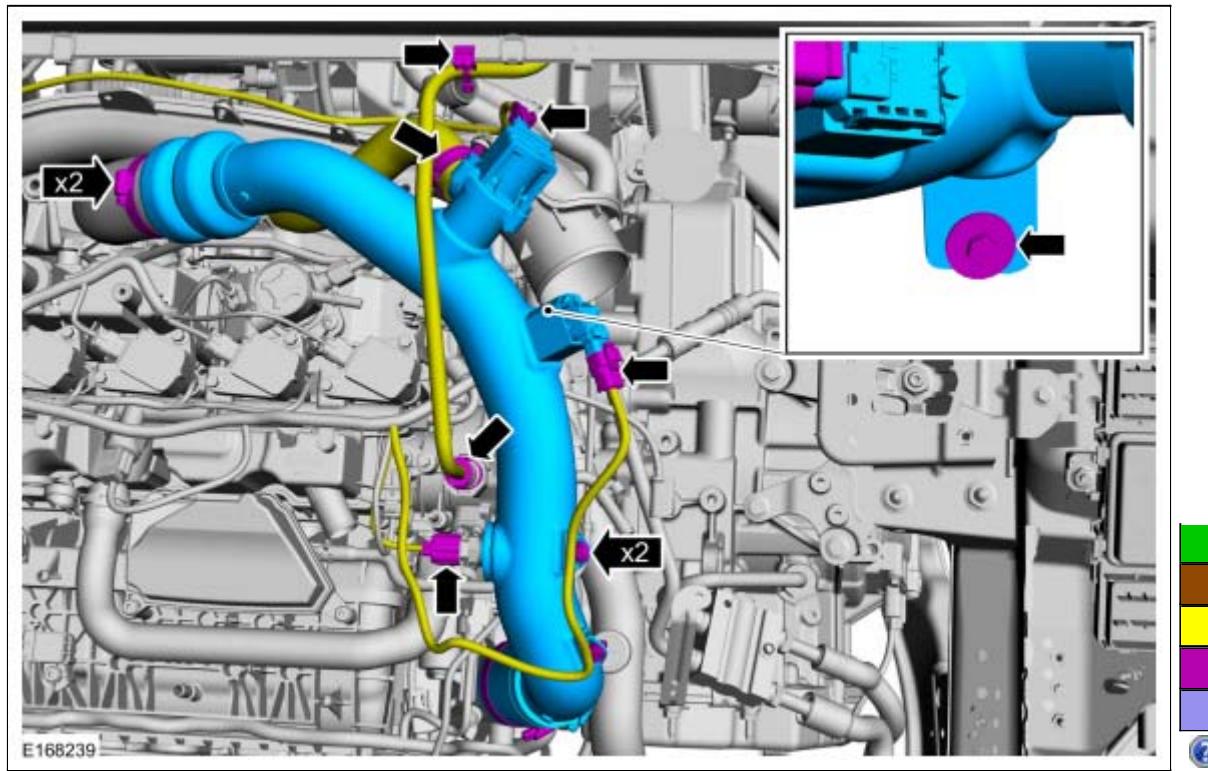




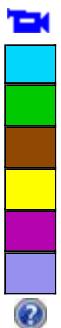
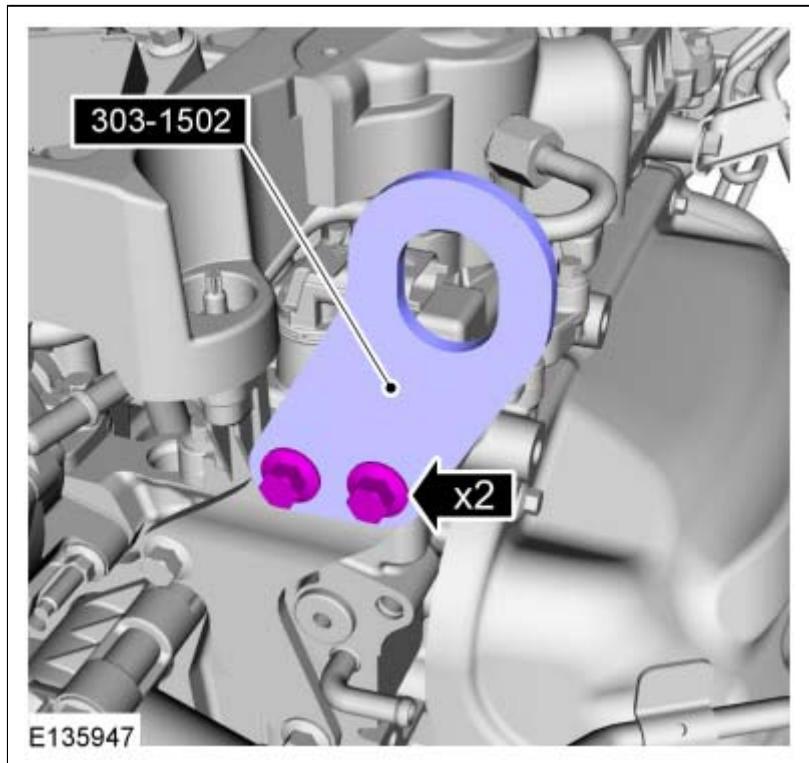
24. 参阅: [升和 升 -](#) (100-02 升和 升, 和 ).

25.

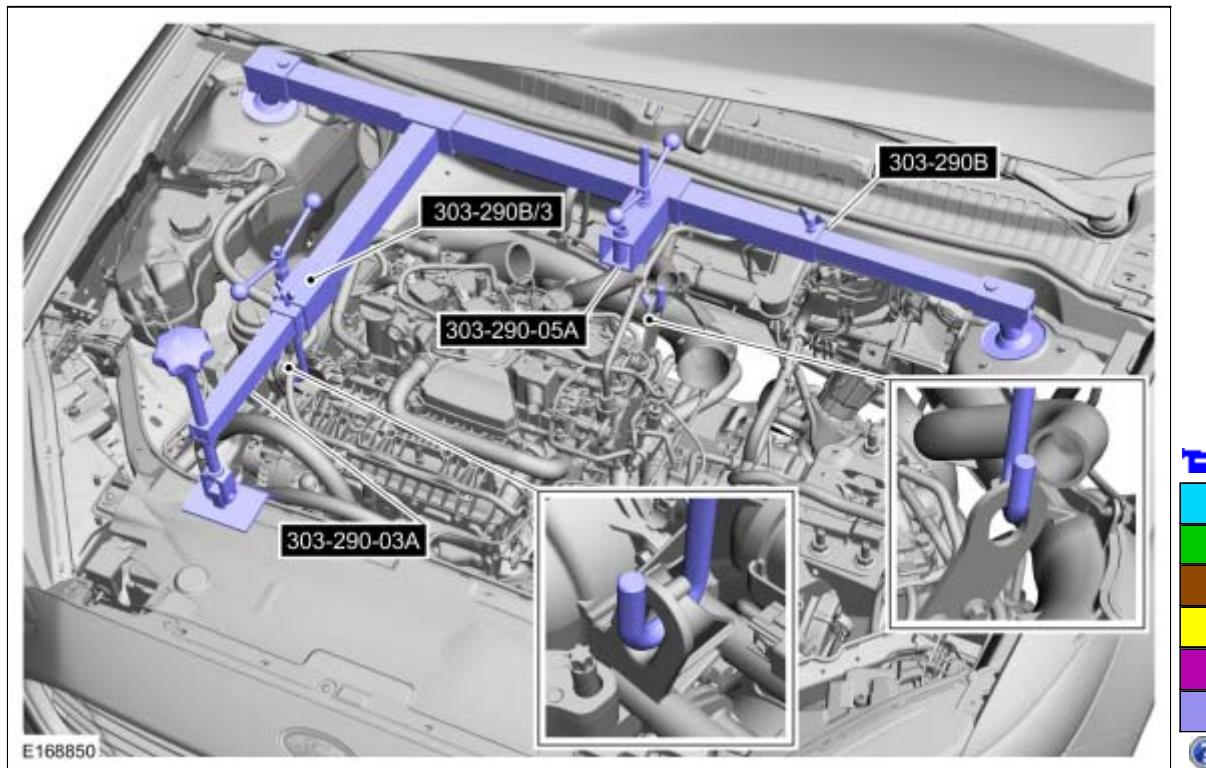




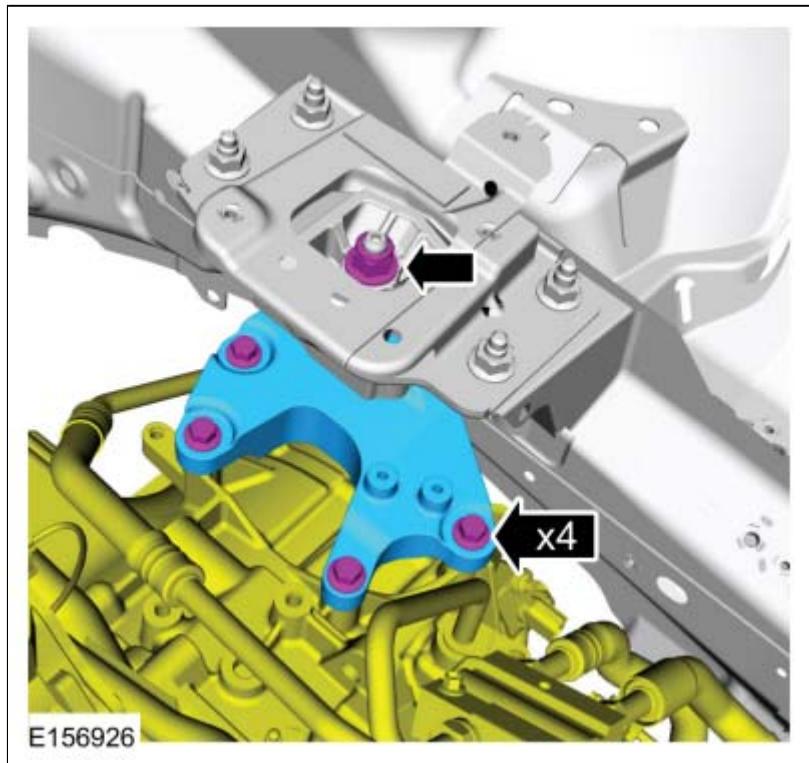
26. Install Suggested Tool: 303-1502 时规盖油封安装器. 用 工具 工具



27. 安装专用工具: 303-290B 发动机支撑杆., 303-290-03A 303-290A适配器., 303-290-05A 303-290A适配器.

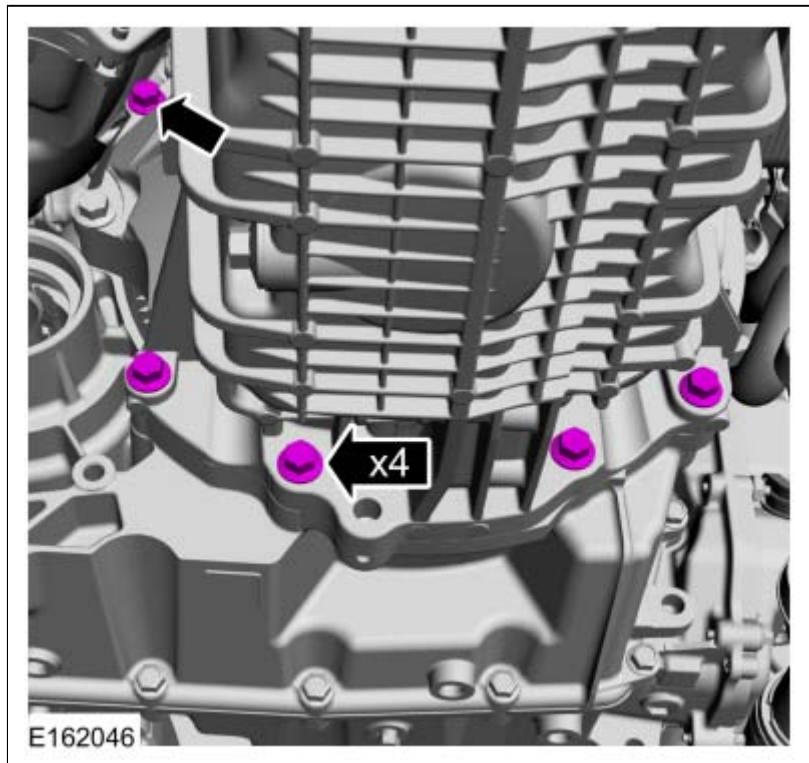


28.

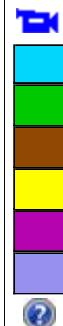
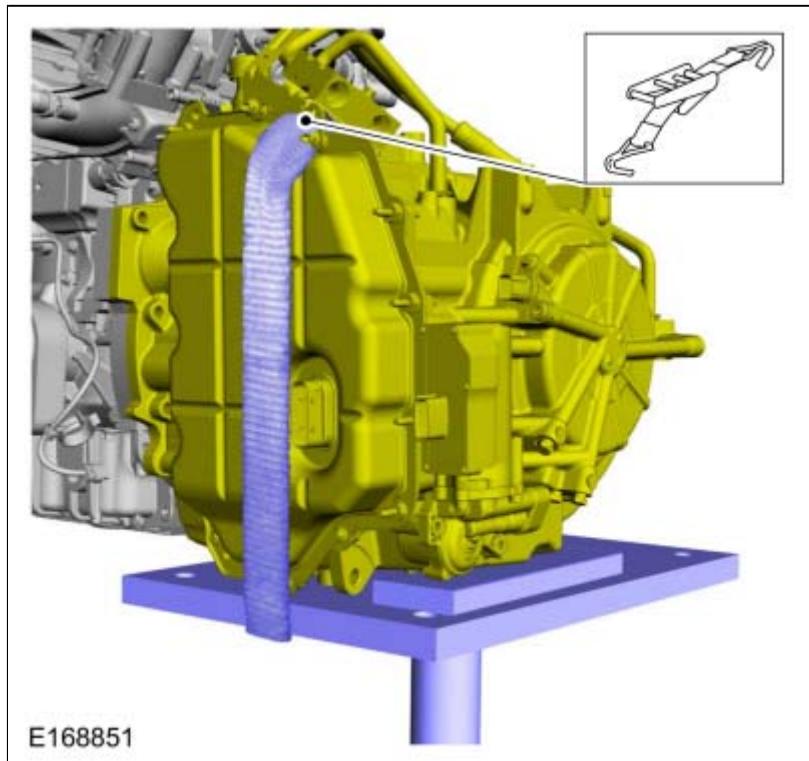


29. 参阅: [升和 升 -](#) (100-02 升和 升, 和 ).

30.

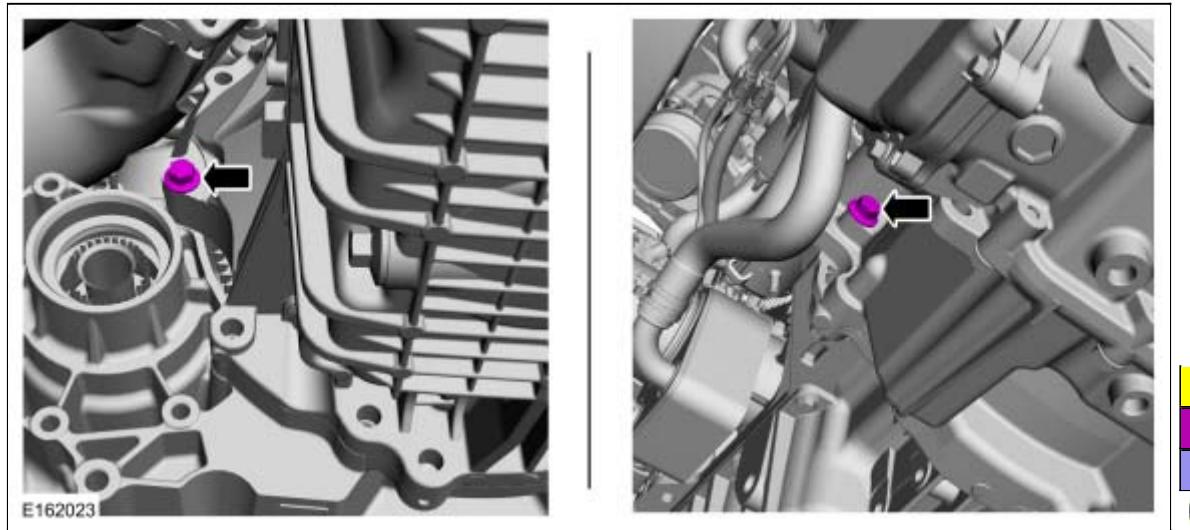


31. 通用设备: 变速器台架  
通用设备: 木块  
通用设备: 固定带



32.

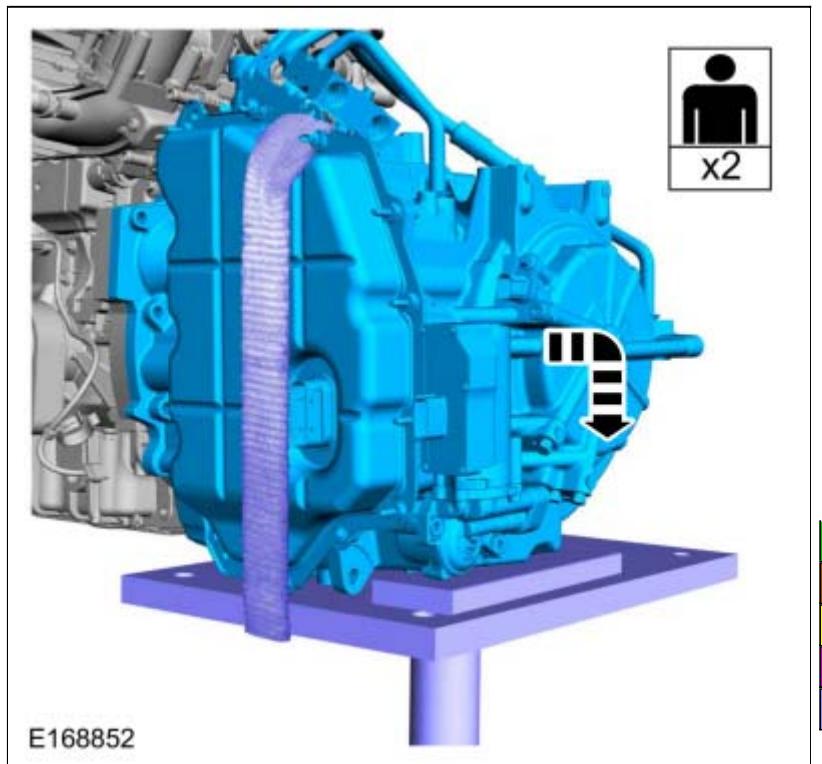




33. 确保没有线束被卡住。

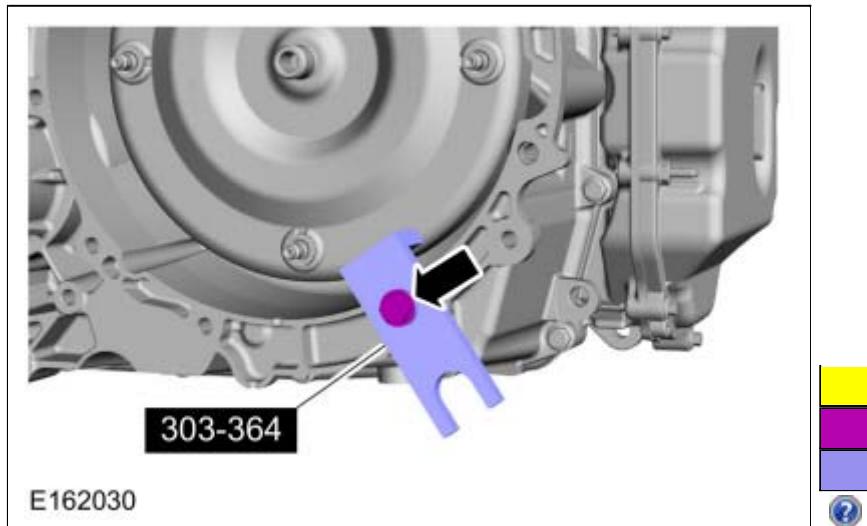
确保无部件卡住。





34. Install Suggested Tool: 303-364 气门弹簧压缩器.      用      工具      工具

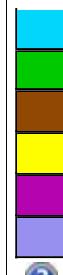
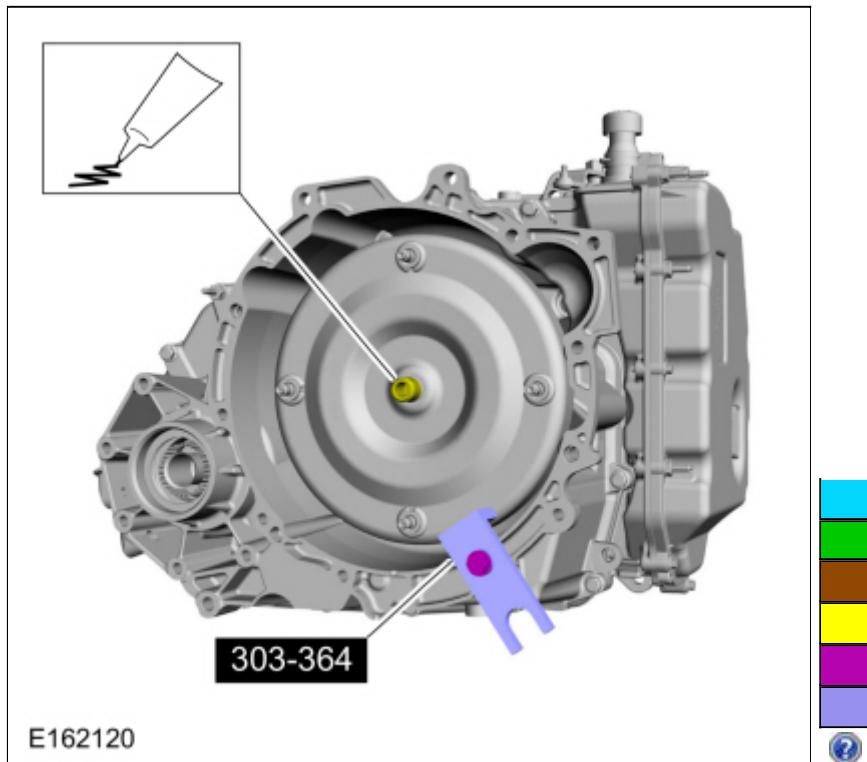




## 安装

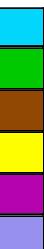
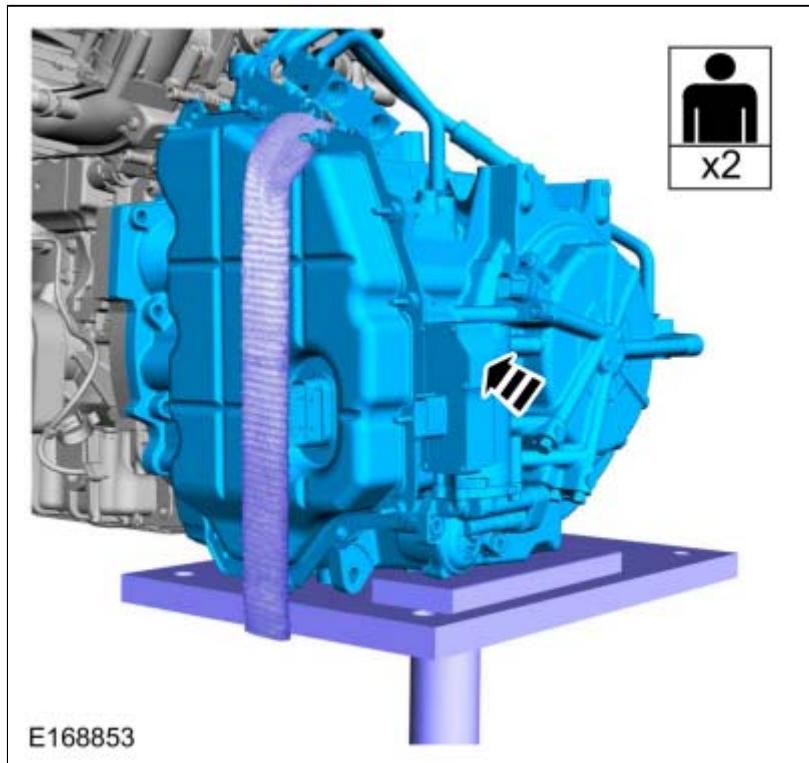
1. 工具: 303-364 气门弹簧压缩器.  
材料: 多功能润滑脂 (ESB-M1C93-B)





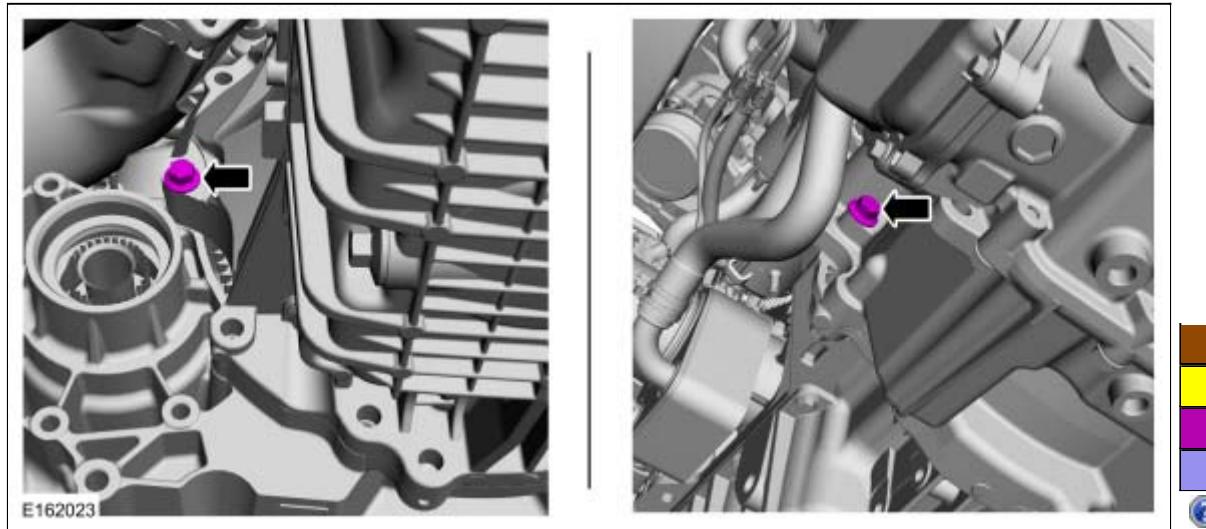
2. 确保没有线束被卡住。

注意： 确保无部件卡住。

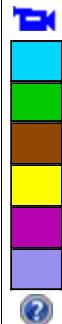
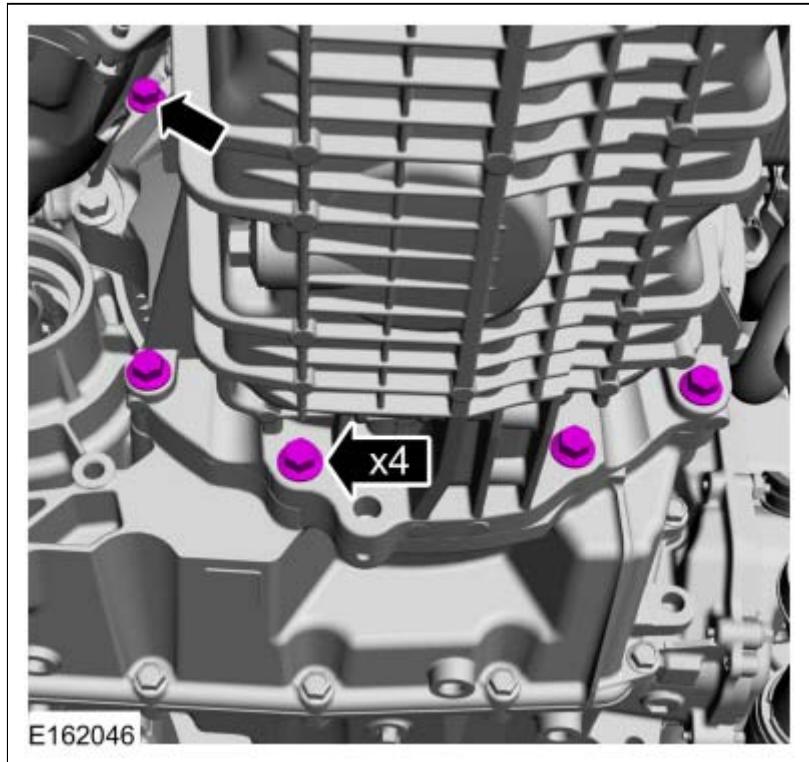


3. 固时  
扭矩: 48 Nm



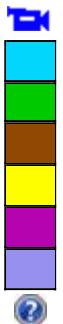
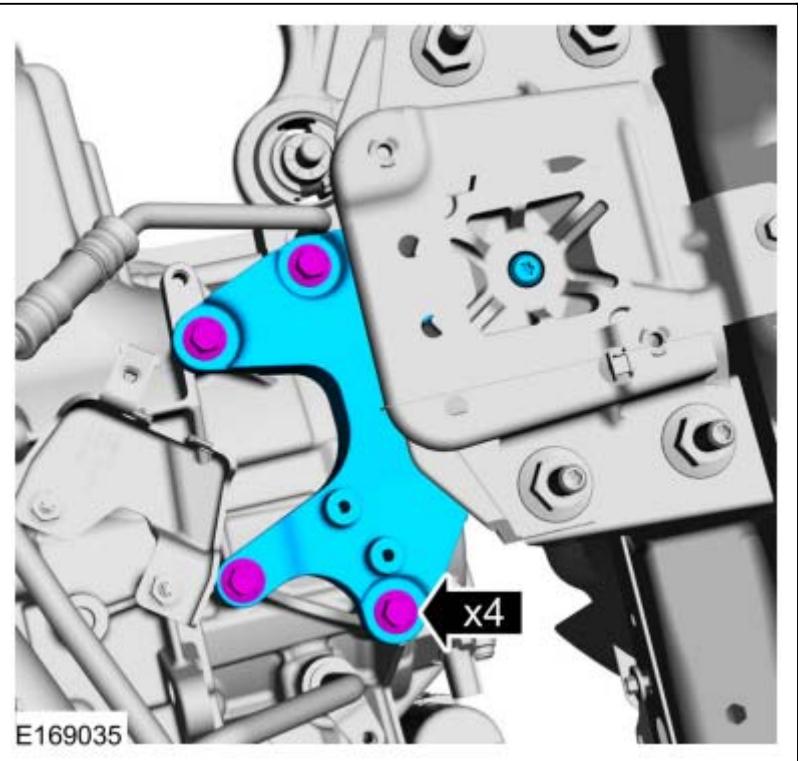


4.      设备: 固定带  
        设备: 木块  
        设备: 变速器台架
5.      扭矩: 48 Nm



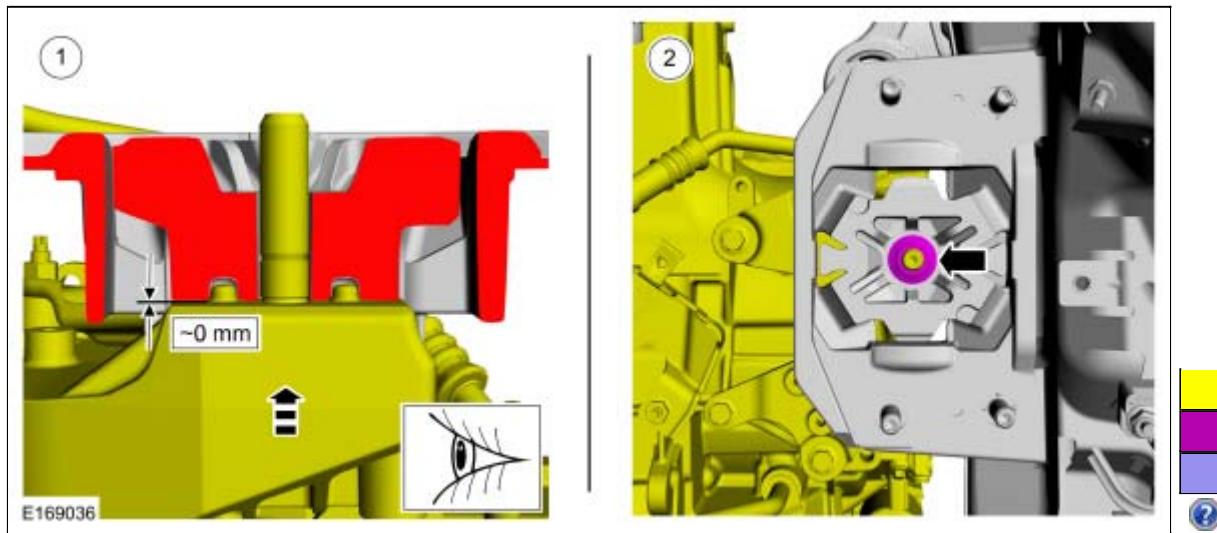
6. 参阅: [升和 升 -](#) (100-02 升和 升, 和 ).

7. 扭矩: 80 Nm



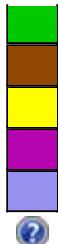
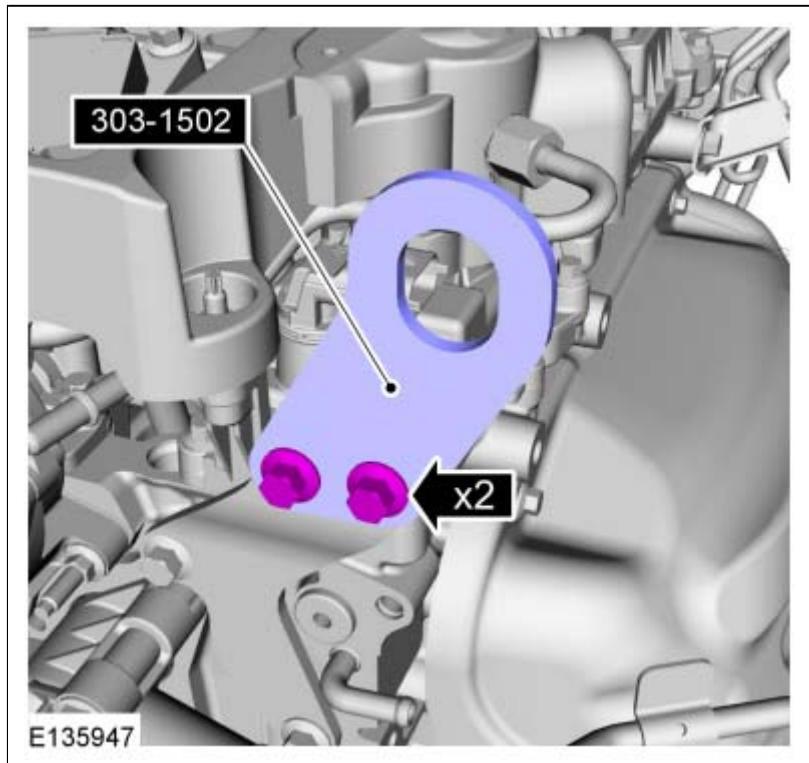
8. 扭矩: 133 Nm



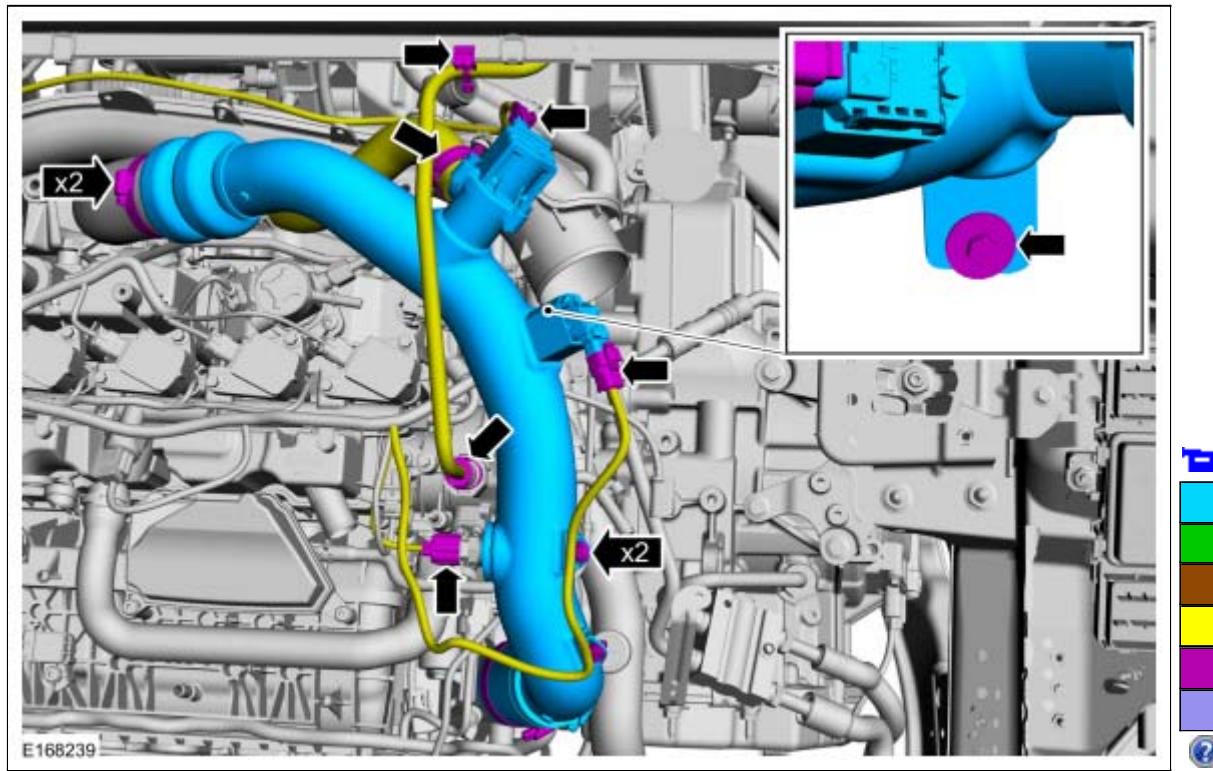


9. 拆 专用工具: 303-290B 发动机支承杆., 303-290-03A 303-290A适配器., 303-290-05A 303-290A适配器.
10. 工具: 303-1502 时规盖油封安装器.





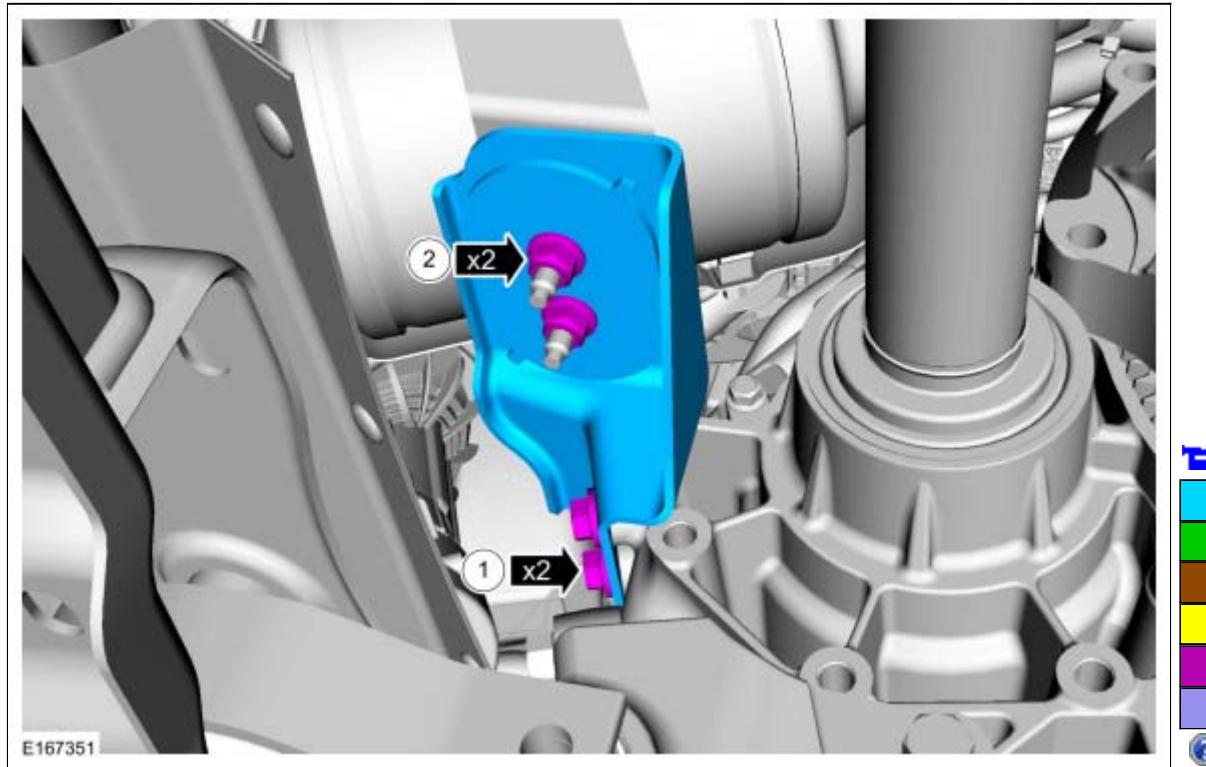
11. 扭矩: 8 Nm



12. 参阅: [升和 升 -](#) (100-02 升和 升, 和 ).

13.

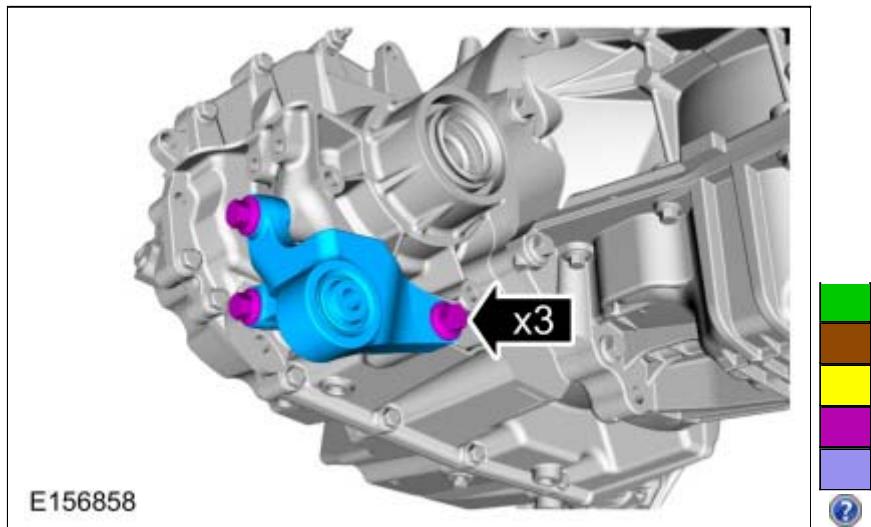
1. 扭矩: 25 Nm
2. 扭矩: 25 Nm



14. 注意：此步骤仅在安装新的变速器时需要。

扭矩: 90 Nm





15. 注意：本步骤需要另一技师协助完成。

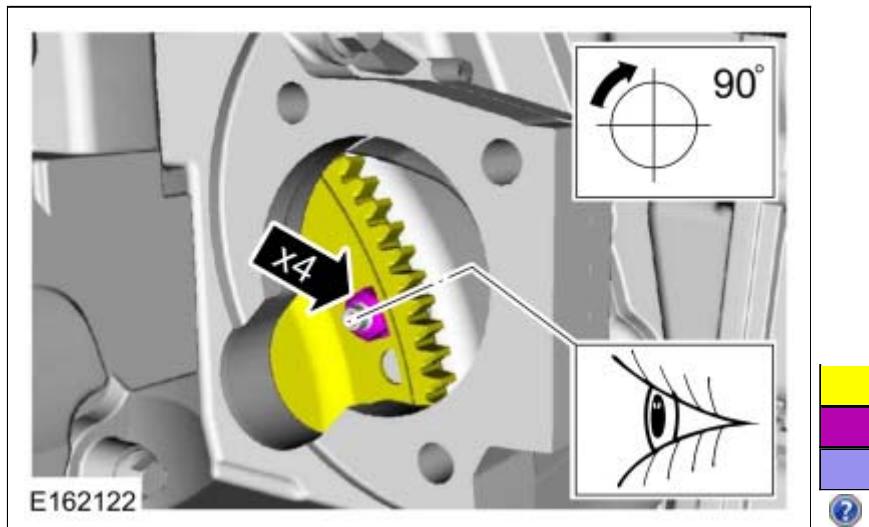
注意：确保组件安装在拆卸前标记的位置。

1. 注意：在此阶段，仅用手指拧紧螺母。

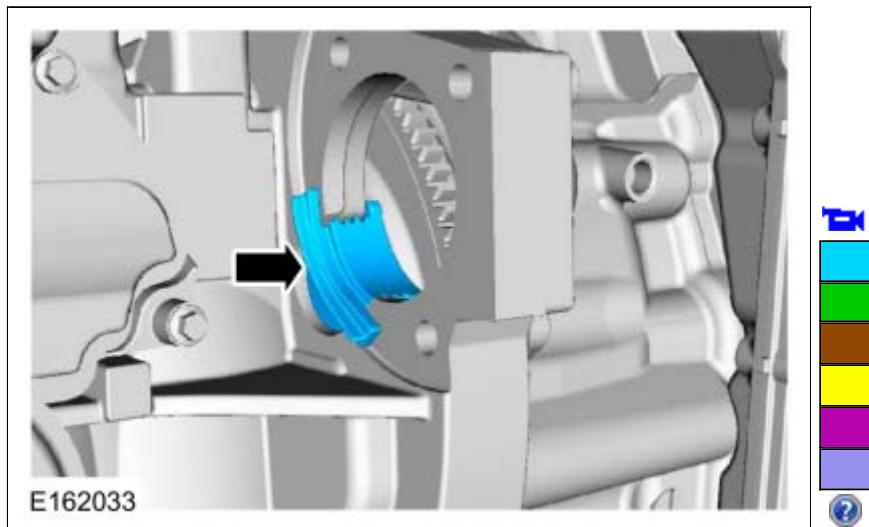
通用设备：磁性套筒

2. 扭矩：48 Nm



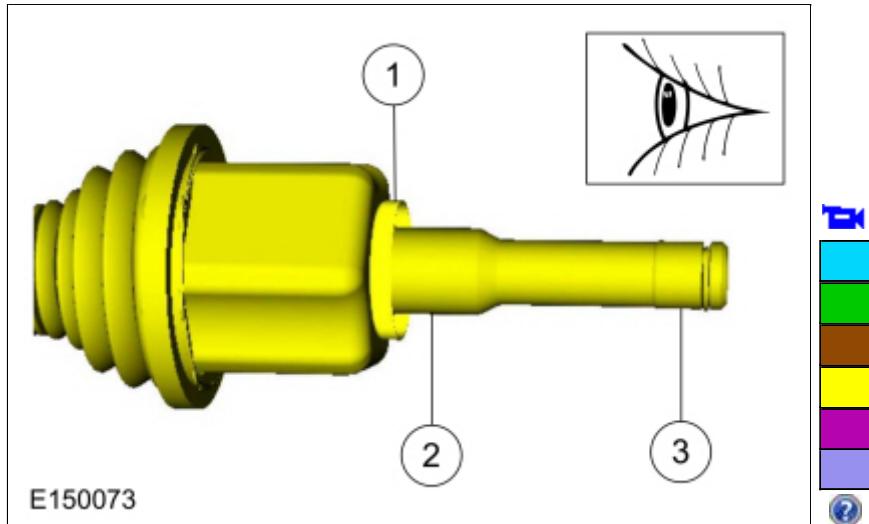


16.

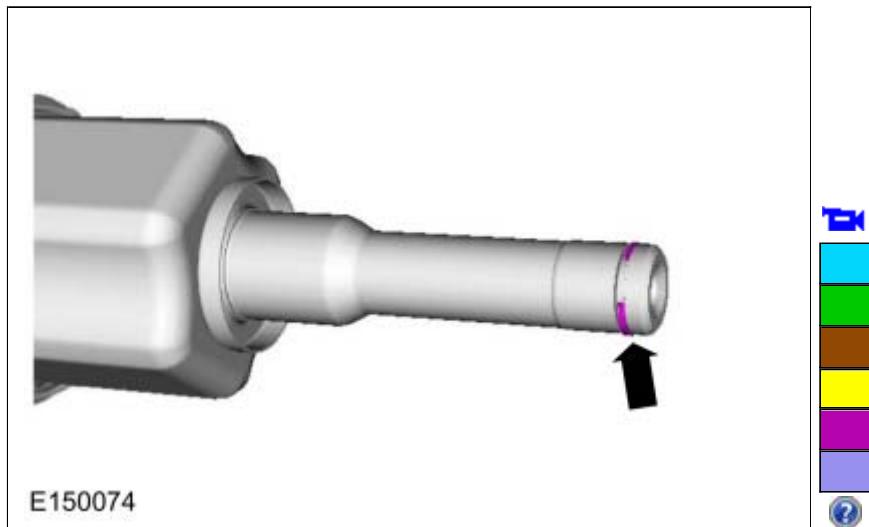


17. 参阅: [动机](#) (303-06A 动 - 1.5升 EcoBoost 132 /180马力 , 拆卸和安装).

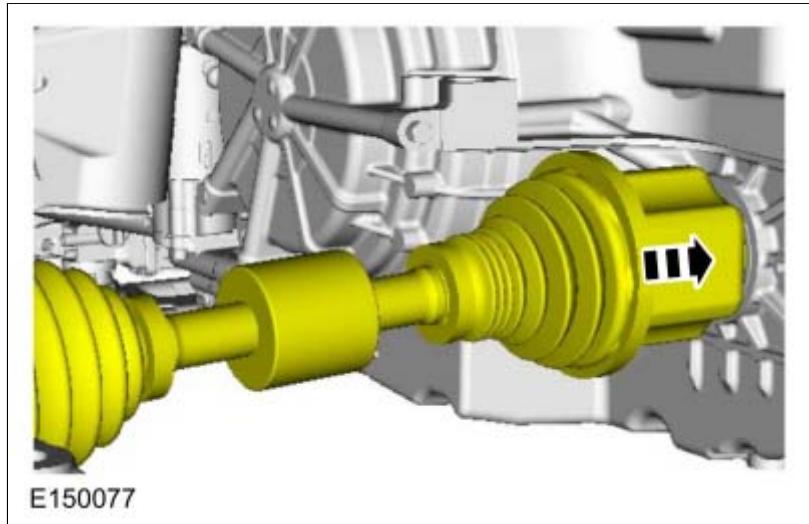
18. 注意：如果有损坏或过度磨损，则安装一个新的元件。



19. 注意：确保安装新的部件。

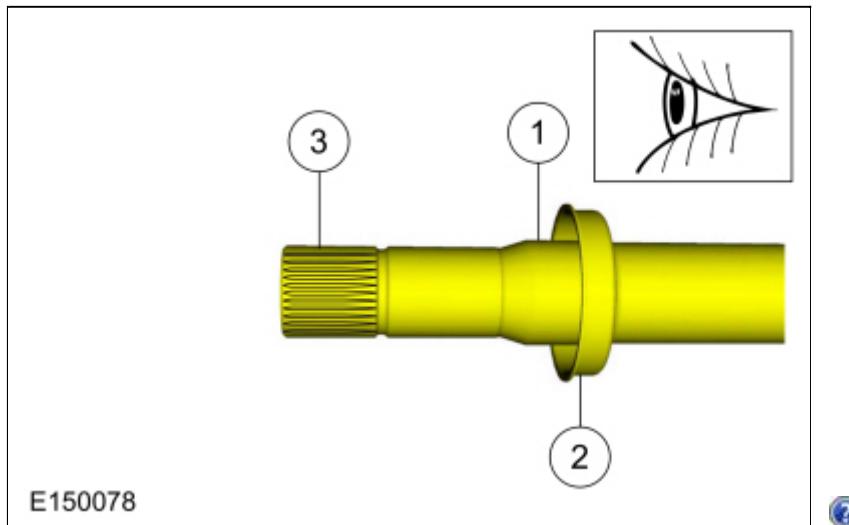


20. 安装 半轴 拆 专用工具  
工具: 205-999 驱动轴密封件保护器.

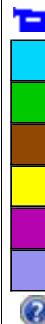
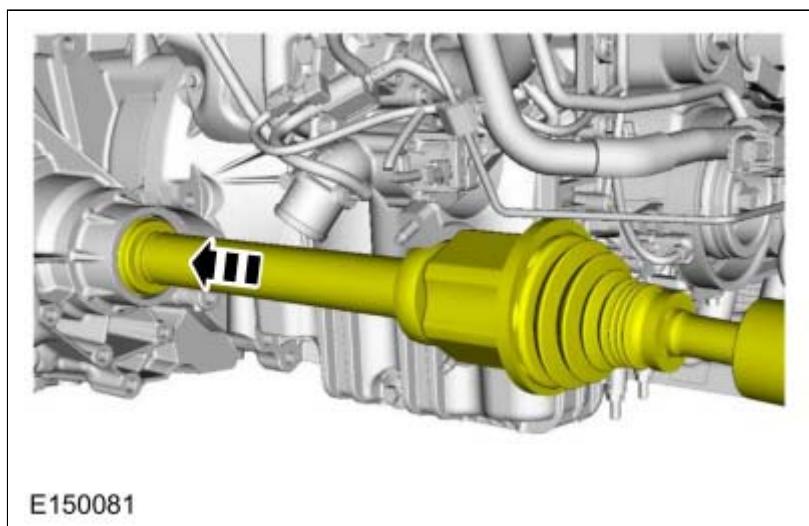


21. 注意: 如果有损坏或过度磨损, 则安装一个新的元件。





22. 安装 半轴 拆 专用工具  
工具: 205-775 半轴密封件保护器.



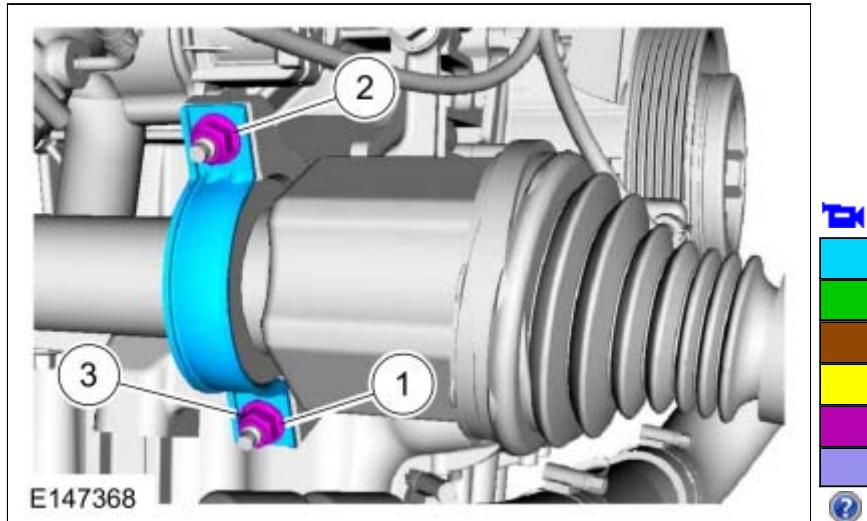
E150081



23. 确保新螺母已安装。

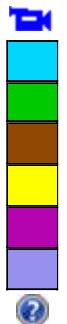
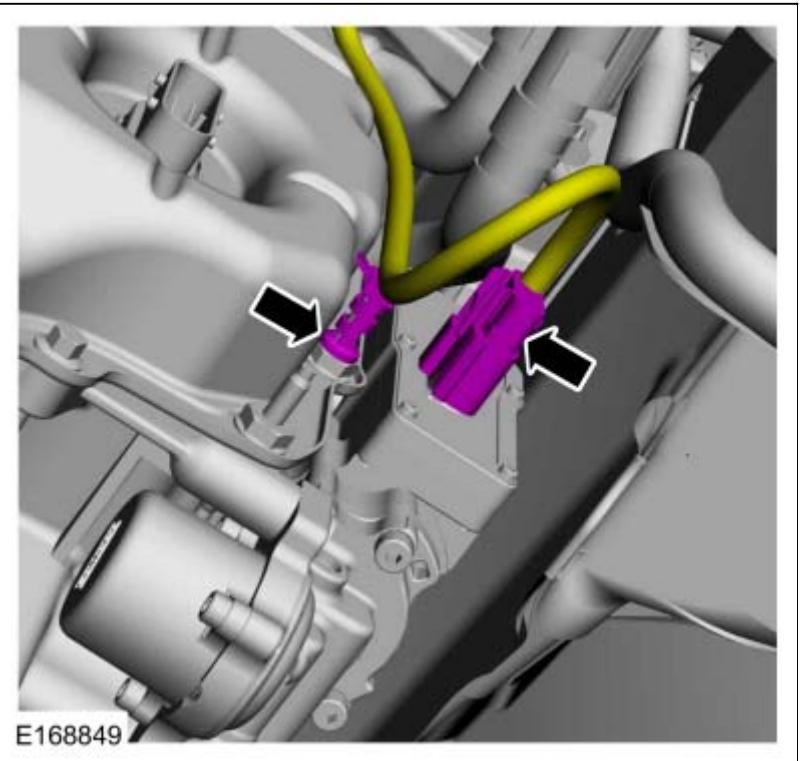
注意： 确保安装新的部件。

1. 扭矩: 5 Nm
2. 扭矩: 25 Nm
3. 扭矩: 25 Nm

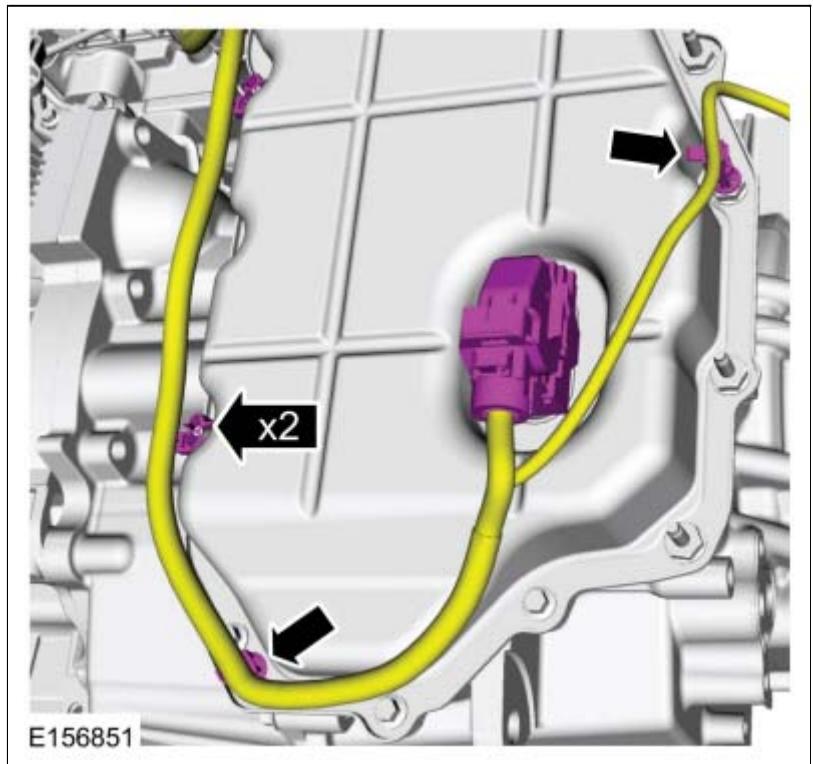


24. 参阅: [架 \(502-00\)](#) 、 [架和安装](#) , 拆卸和安装).

25.



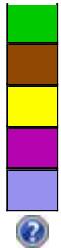
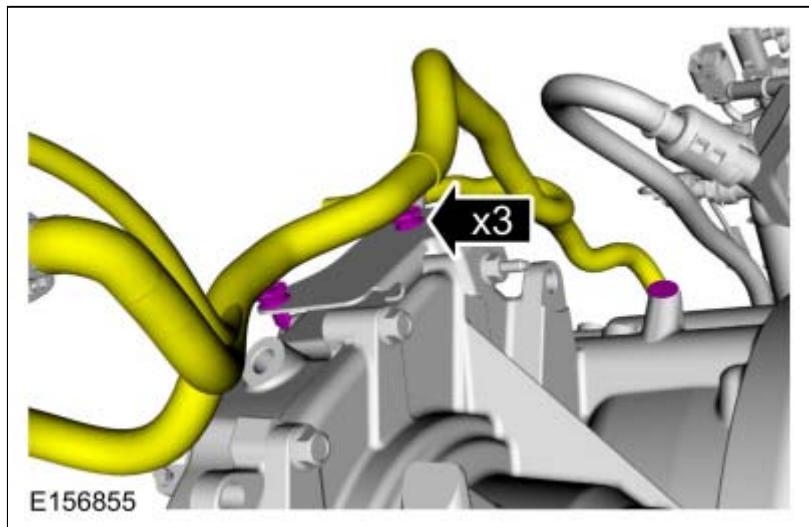
26. 确保变速器控制模块（TCM）的接线柱或引脚/插口和TCM电子接头没有被弯曲或损坏。



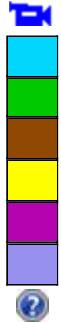
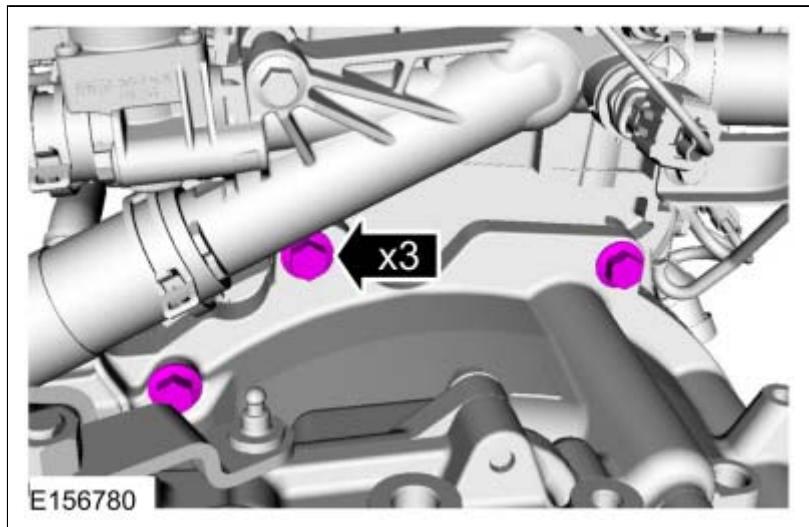
27. 参阅: [升和 升 -](#) (100-02 升和 升, 和 ).

28.

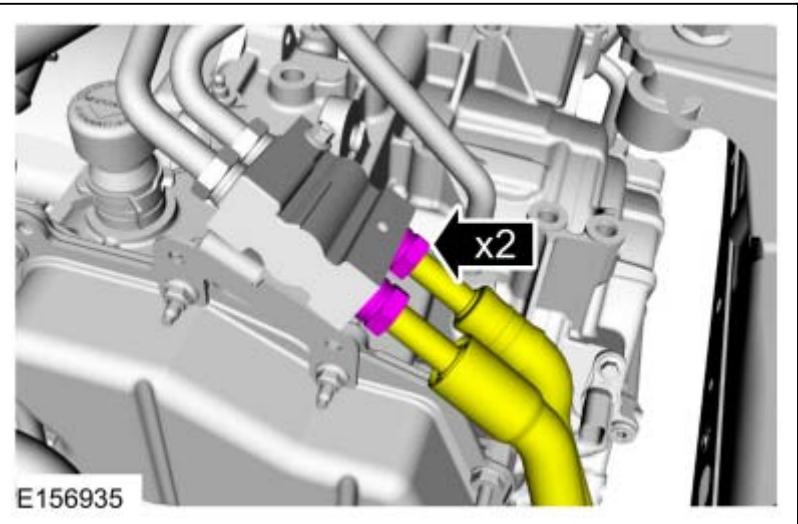




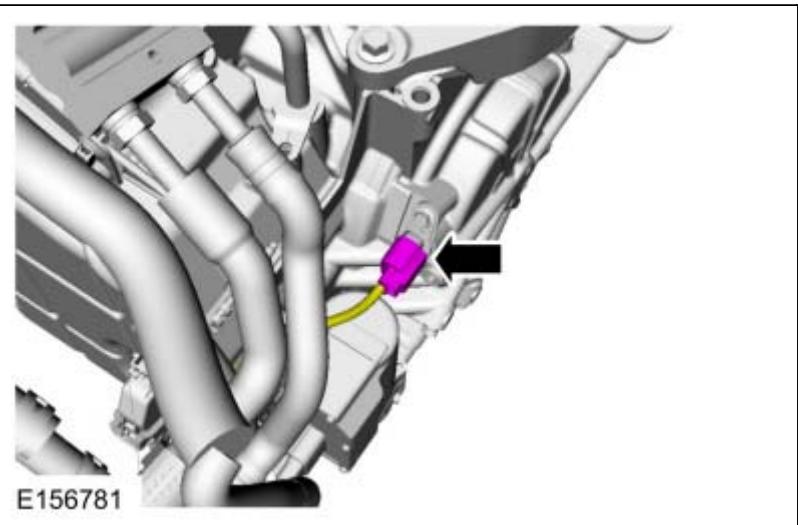
29. 扭矩: 48 Nm



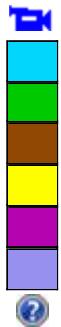
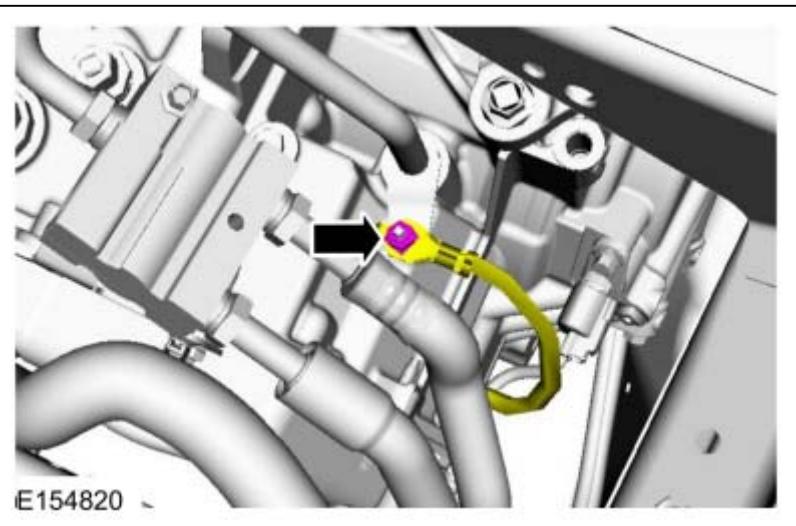
30. 扭矩: 30 Nm



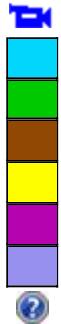
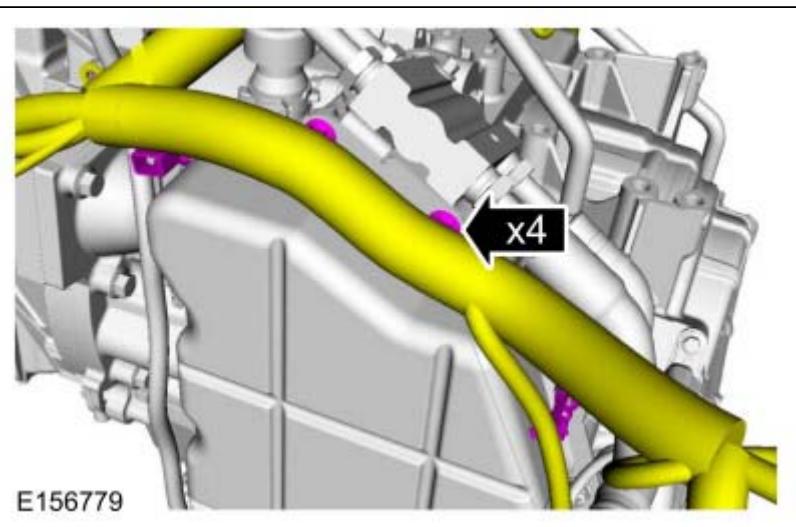
31.



32. 扭矩: 9 Nm

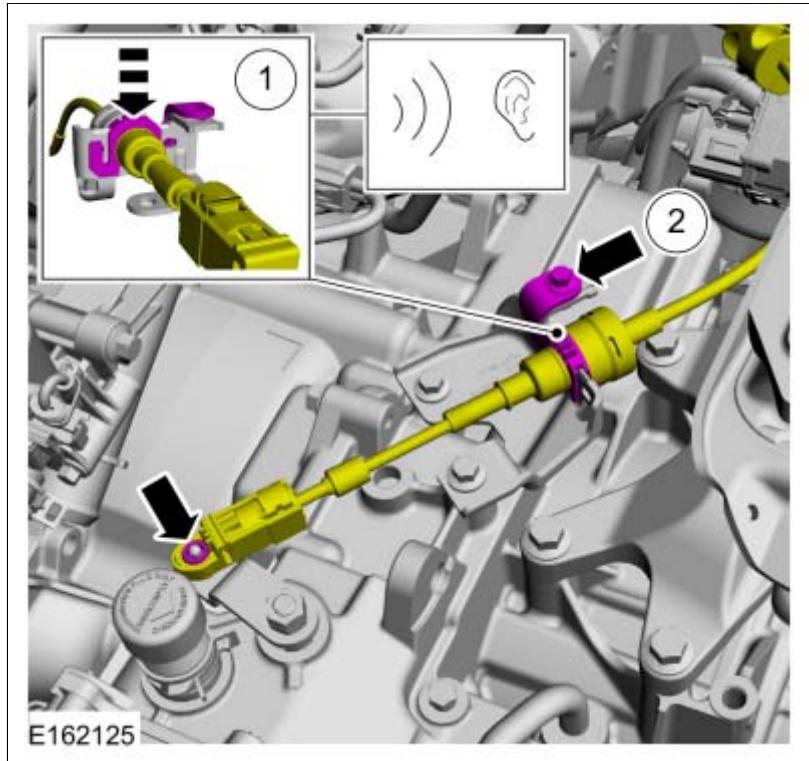


33.

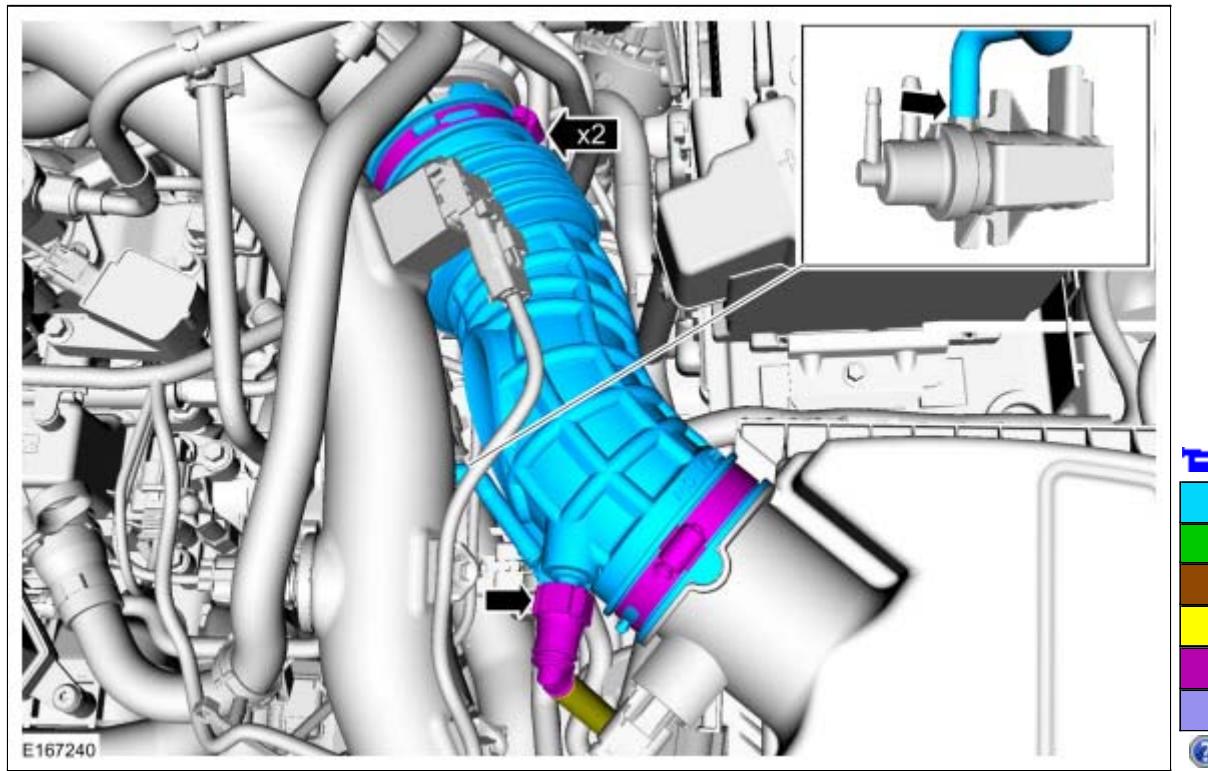


34.

2. 扭矩: 7 Nm



35. 参阅: [变速杆电缆](#) (307-05 自动变速器 器, ).
36. 参阅: [变速器](#) (307-01 自动变速器 - 6速自动变速器- 6F35, ).
37. 参阅: [蓄电池座盘](#) (414-01 蓄电池、座架和电缆, 拆卸和安装).
- 38.



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