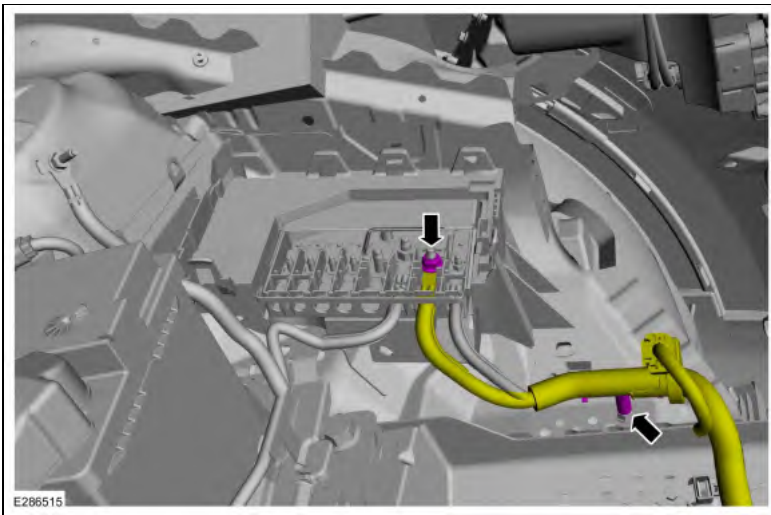
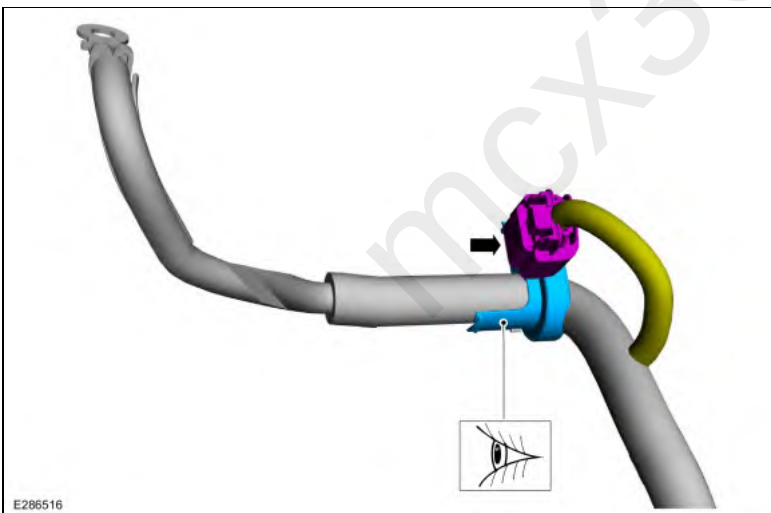




7. **NOTE:** The generator current sensor must be installed in the proper position and orientation to function correctly. Note the orientation and position of the generator current sensor tape tab.

Disconnect the generator current sensor electrical connector. Index-mark the battery cable at the generator current sensor. Remove and discard the tape securing the generator current sensor to the battery cable and remove the generator current sensor.



Installation

1. To install, reverse the removal procedure.

414-02 Generator and Regulator

Specifications

General Specifications

Item	Specification
2.0L EcoBoost without climate controlled seats - 175 amp	
Generator amps at 80.6Â°F (27Â°C)	119.5 amps at 750 rpm (min) to 180 amps at 2,500 rpm (max)
Generator pulley ratio	2.47
Generator pulley replaceable	Yes
Generator pulley type	Overrunning Alternator Decoupler (OAD)
Voltage regulator type	Electronic internal with generator
2.0L EcoBoost with climate controlled seats - 200 amp	
Generator amps at 80.6Â°F (27Â°C)	135 amps at 750 rpm (min) to 207.9 amps at 2,500 rpm (max)
Generator pulley ratio	2.47
Generator pulley replaceable	Yes
Generator pulley type	Overrunning Alternator Decoupler (OAD)
Voltage regulator type	Electronic internal with generator
2.7L EcoBoost without climate controlled seats - 175 amp	
Generator amps at 80.6Â°F (27Â°C)	100 amps at 750 rpm (min) to 175.1 amps at 2,500 rpm (max)
Generator pulley ratio	2.43
Generator pulley replaceable	Yes
Generator pulley type	Overrunning Alternator Decoupler (OAD)
Voltage regulator type	Electronic internal with generator
2.7L EcoBoost with climate controlled seats - 210 amp	
Generator amps at 80.6Â°F (27Â°C)	120 amps at 750 rpm (min) to 219 amps at 2,500 rpm (max)
Generator pulley ratio	2.43
Generator pulley replaceable	Yes
Generator pulley type	Overrunning Alternator Decoupler (OAD)
Voltage regulator type	Electronic internal with generator