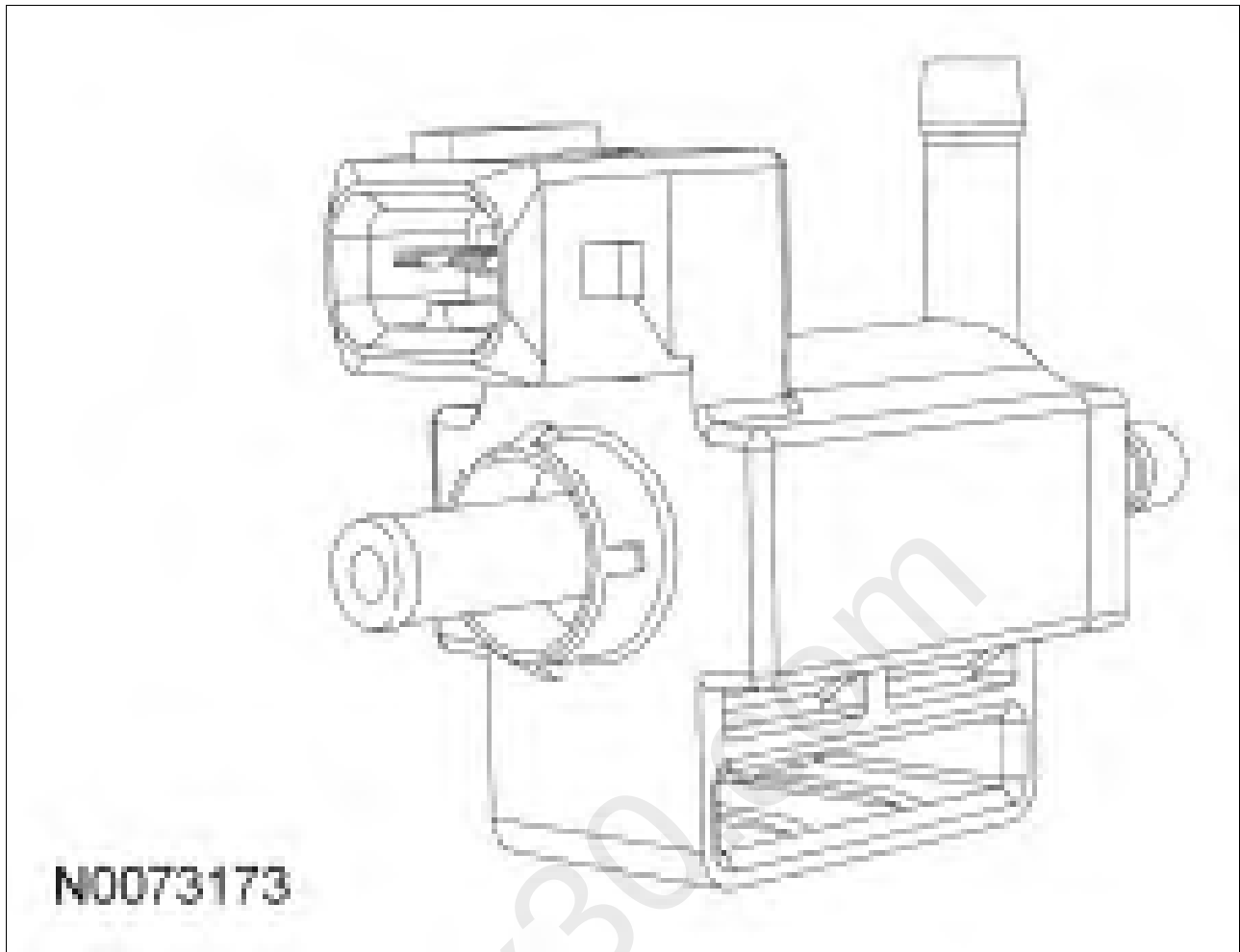


Fig 1: Identifying Turbocharger Bypass Valve Solenoid (Remote Solenoid)



Courtesy of FORD MOTOR CO.

ENGINE CONTROL COMPONENTS > TURBOCHARGER INTAKE PRESSURE AND TEMPERATURE (TCIPT) SENSOR

The TCIPT sensor is located in the intake air tube between the air filter assembly and the turbocharger. The TCIPT sensor measures the turbocharger intake pressure and temperature. The PCM uses the information from the TCIPT sensor to determine if the airflow to the turbocharger is being restricted by a clogged air filter or other debris. An IAT sensor is integrated with the TCIPT sensor.