

























































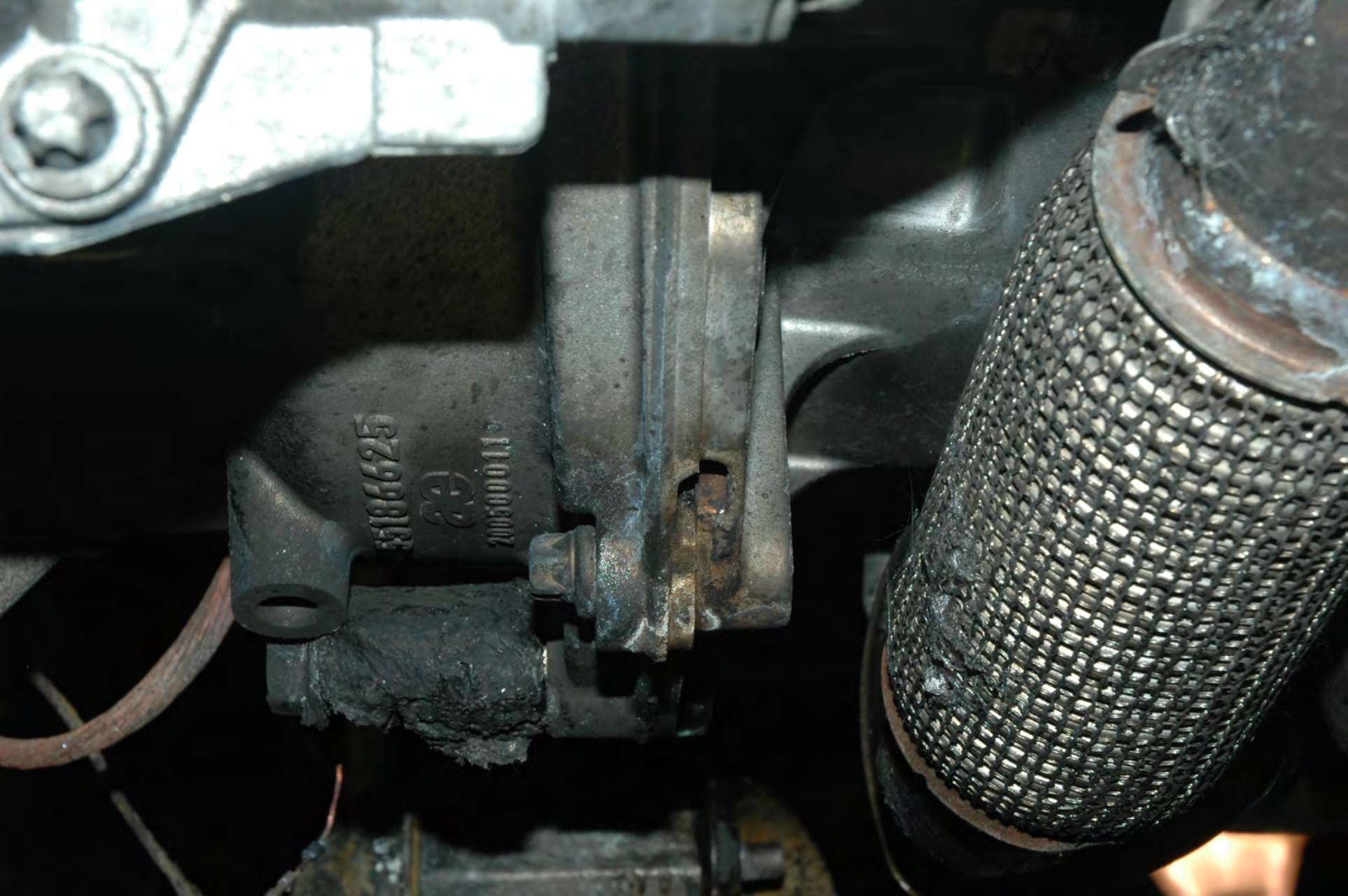




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26

CITY MPG

EPA Fuel Economy

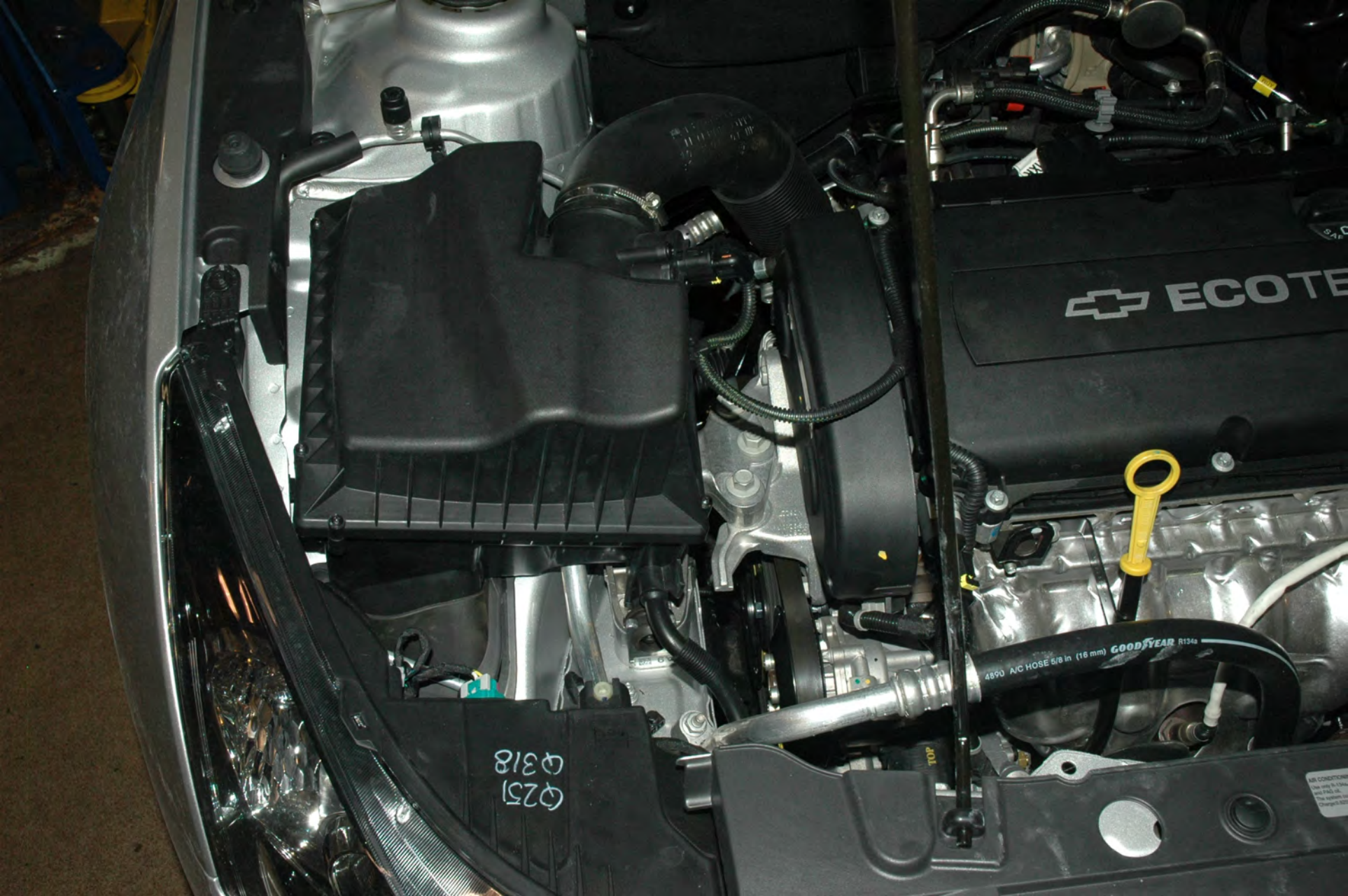












 ECOTEC

4890 A/C HOSE 5/8 in (16 mm) **GOODYEAR** R134a

Q251
Q318

AIR CONDITIONER
Use only R-134a
and R-134a oil.
The system must
be recharged after
service.





 **ECOTEC**



 **ECOTEC**

SAE 5W-30

SRG



ECOTEC

SAE 5W-30

COOLANT

100% DOT 4

SRG

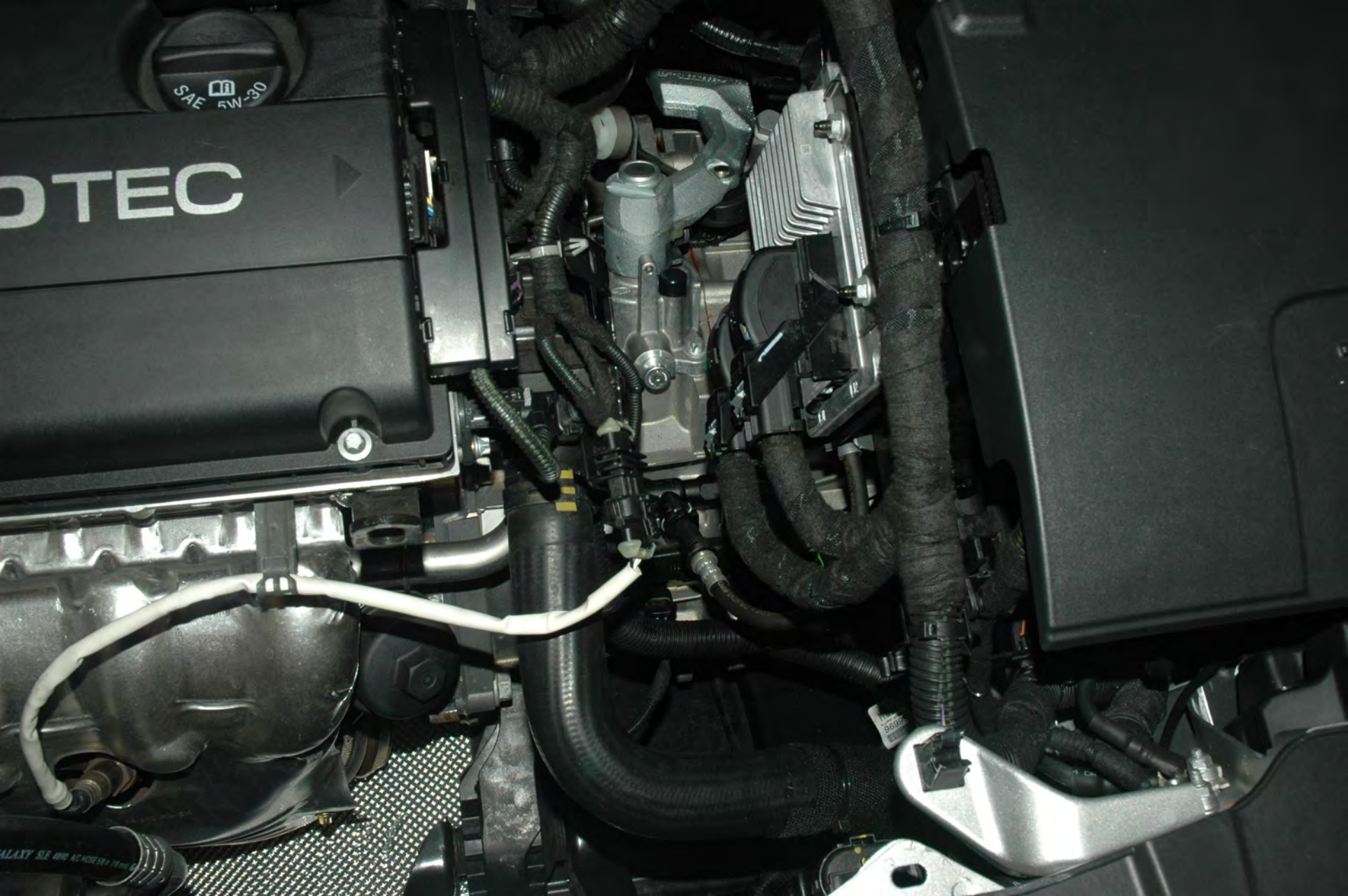




ECOTEC

SAE 5W-30

SRG



DTEC

SAE 5W-30

GALAXY SE 400 AC 1000000 1000000



 **ECOTEC**

SAE 5W-30


4890 A/C HOSE 5/8 in (16 mm) **GOODYEAR** R134a


 **ECOTEC**


SAE  5W-30







4890 A/C HOSE 5/8 in (16 mm) **GOODYEAR** R134a

AIR CONDITIONING 
Use only R-134a refrigerant
and PAG oil.
The system contains dye.
Charge: 0.625kg(1.38lb)

AIR CONDITIONNE 
Utiliser uniquement fluide
R-134a et huile PAG.
Le circuit contient du
colorant.
Recharge : 0.625 Kg (1.38lb)


AIRE ACONDICIONADO 
Usar solo refrigerante
R-134a y aceite PAG.
El sistema contiene
colorante.
Carga: 0.625kg(1.38lb)

WARNING  **ADVERTENCIA**  **ATENÇÃO**  **AVERTISSEMENT** 

To help avoid personal injury, keep hands clear of fan. It can start at any time.
Para evitar daños personales, no toque el ventilador. Puede ponerse en marcha en cualquier momento.
Para evitar danos pessoais, não toque o ventilador. Pode estar a funcionar a qualquer momento.
Risque de blessures. Éviter vos mains du ventilateur. Dommage possible à tout moment.


REFRIGERANT UNDER HIGH PRESSURE. To be serviced by qualified persons only. See SAE J639.
REFRIGERANTE A ALTA PRESSÃO. Deve ser manipulado só por pessoas qualificadas. Ver SAE J639.
REFRIGERANTE SOB ALTA PRESSÃO. Deve ser manipulado somente por pessoal qualificado. Ver SAE J639.
Fluide réfrigérant sous haute pression. Ne se service que personnel qualifié. Cf. norme J639.





AIR CONDITIONING 
Use only R-134a refrigerant
and PAG oil.
The system contains 200g.
Charge 1.520kg (3.35lb).

16 mm) **GOODYEAR** R134a





GALAXY SLE 400 AC/REFRIGERANT


AIR CONDITIONING 
Use only R-134a refrigerant
and PAG oil.
The system contains dye.
Charge: 0.625Kg (1.38lb)

AIR CONDITIONNE 
Utiliser uniquement fluide
R-134a et huile PAG.
Le circuit contient du
colorant.
Recharge : 0.625 Kg (1.38lb)

AIRE ACONDICIONADO 
Usar solo refrigerante
R-134a y aceite PAG.
El sistema contiene
colorante.
Carga: 0.625Kg (1.38lb)

REPERECS

WARNING  **ADVERTENCIA**  **ATENÇÃO**  **AVERTISSEMENT** 

 To help avoid personal injury, keep hands
away from fan. It can start at any time.

Evite lesiones personales, no toque el ventilador
cuando esté en marcha en cualquier momento.

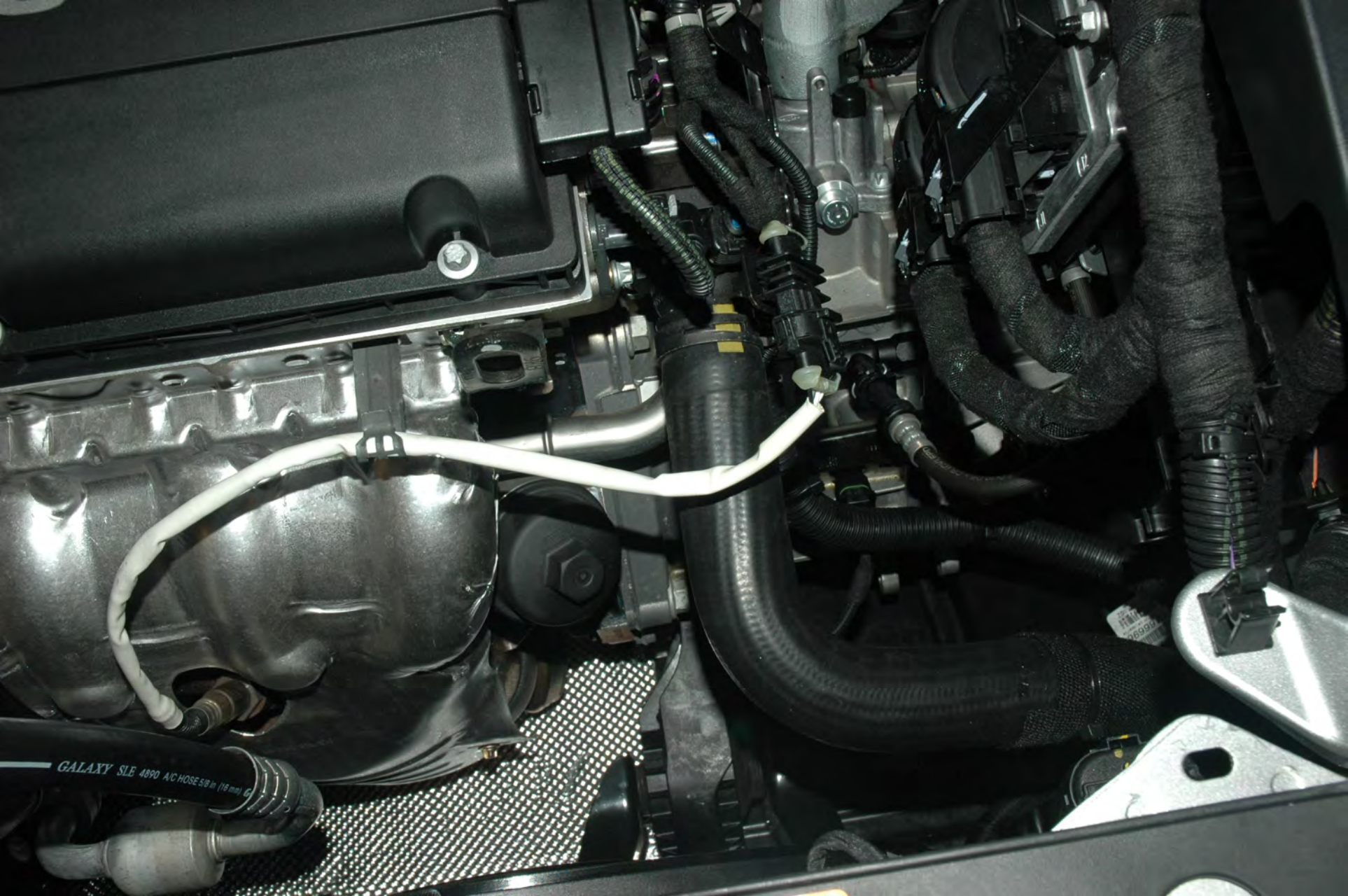
Evite lesões pessoais, não toque o ventilador
quando este pode funcionar a qualquer momento.
Evitez des blessures. Eviter vos mains du
ventilateur. Démarrage possible à tout moment.

 **REFRIGERANT** UN
serviced by quali

REFRIGERANTE A NTA M
solo per personal quali

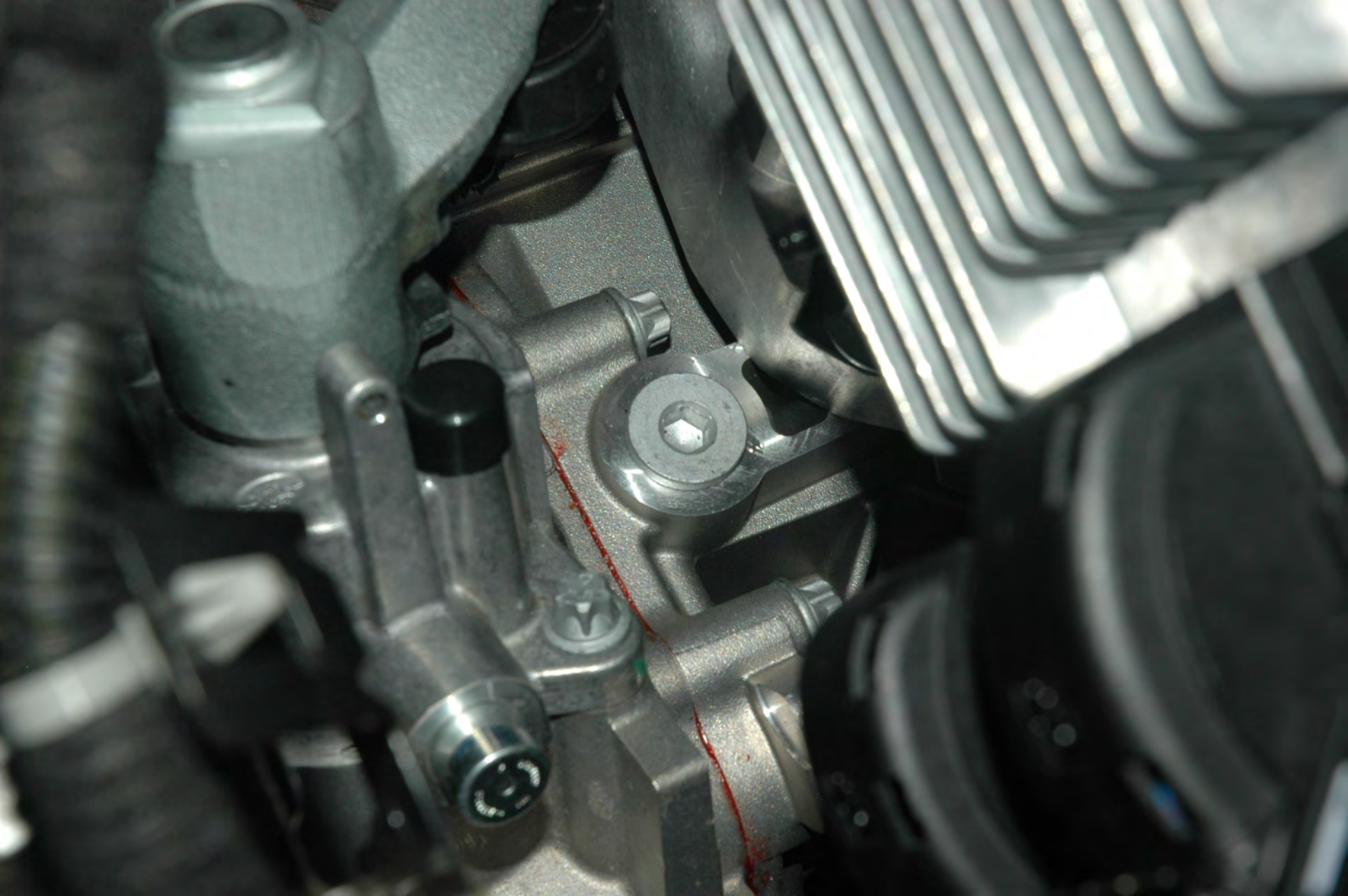
REFRIGERANTE SOB AL
somente por pessoal de

Fluide réfrigérant sou
devoir par personne



GALAXY SLE 4890 A/C HOSE 5/8 in (16 mm) G



















68FMD

UP

DPL63

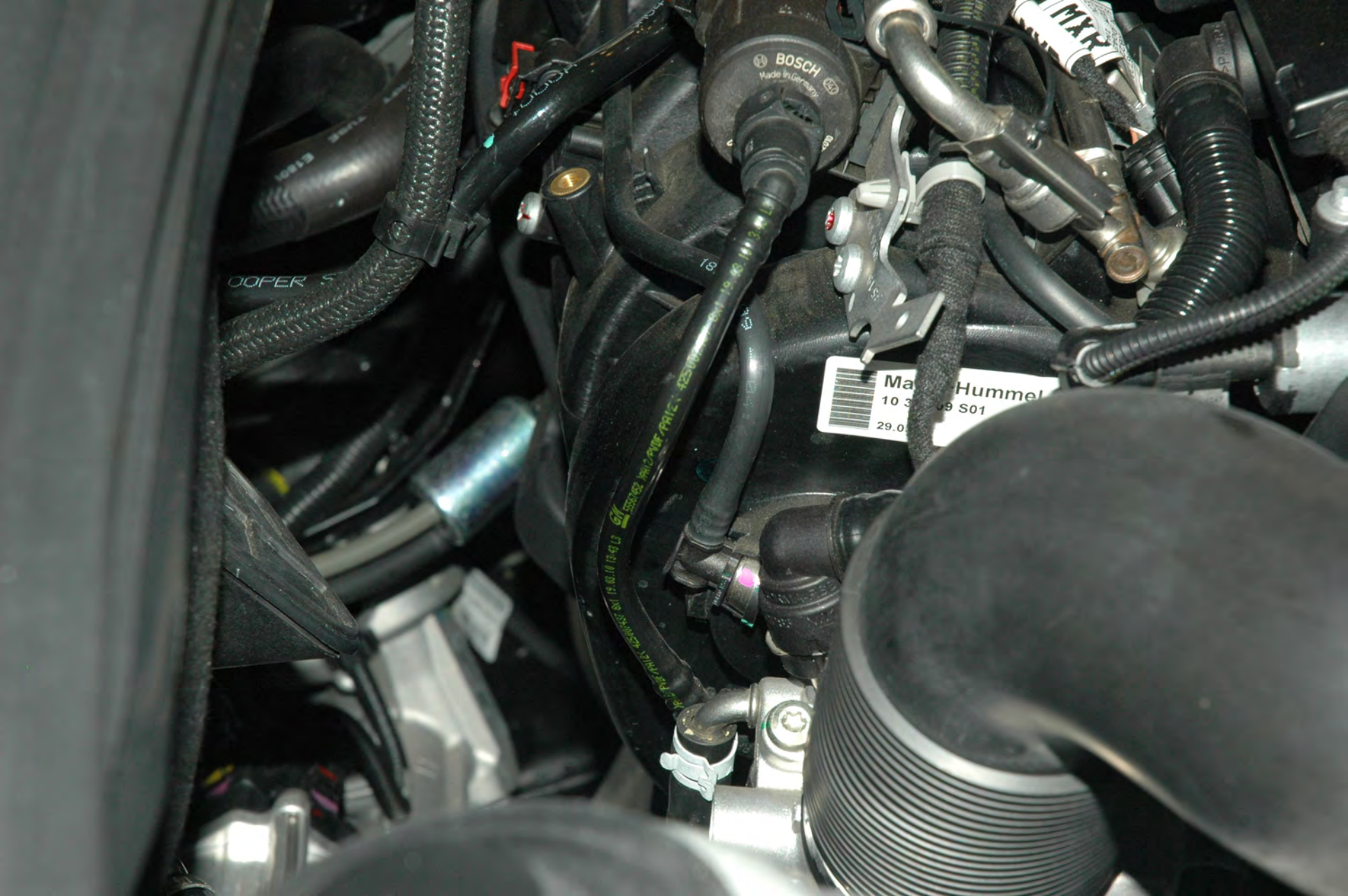
CB-HFT TUBE ENG

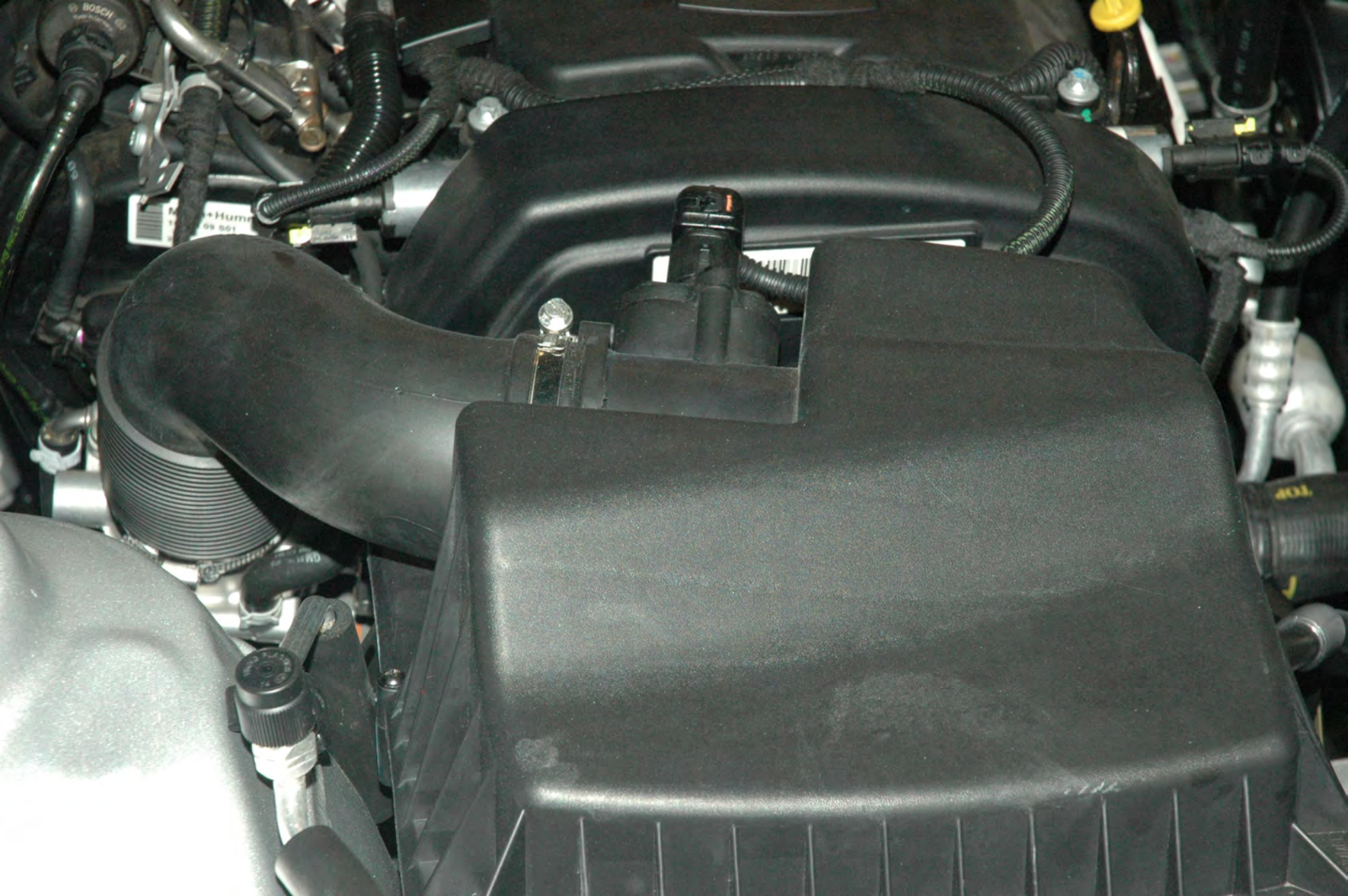
W-C





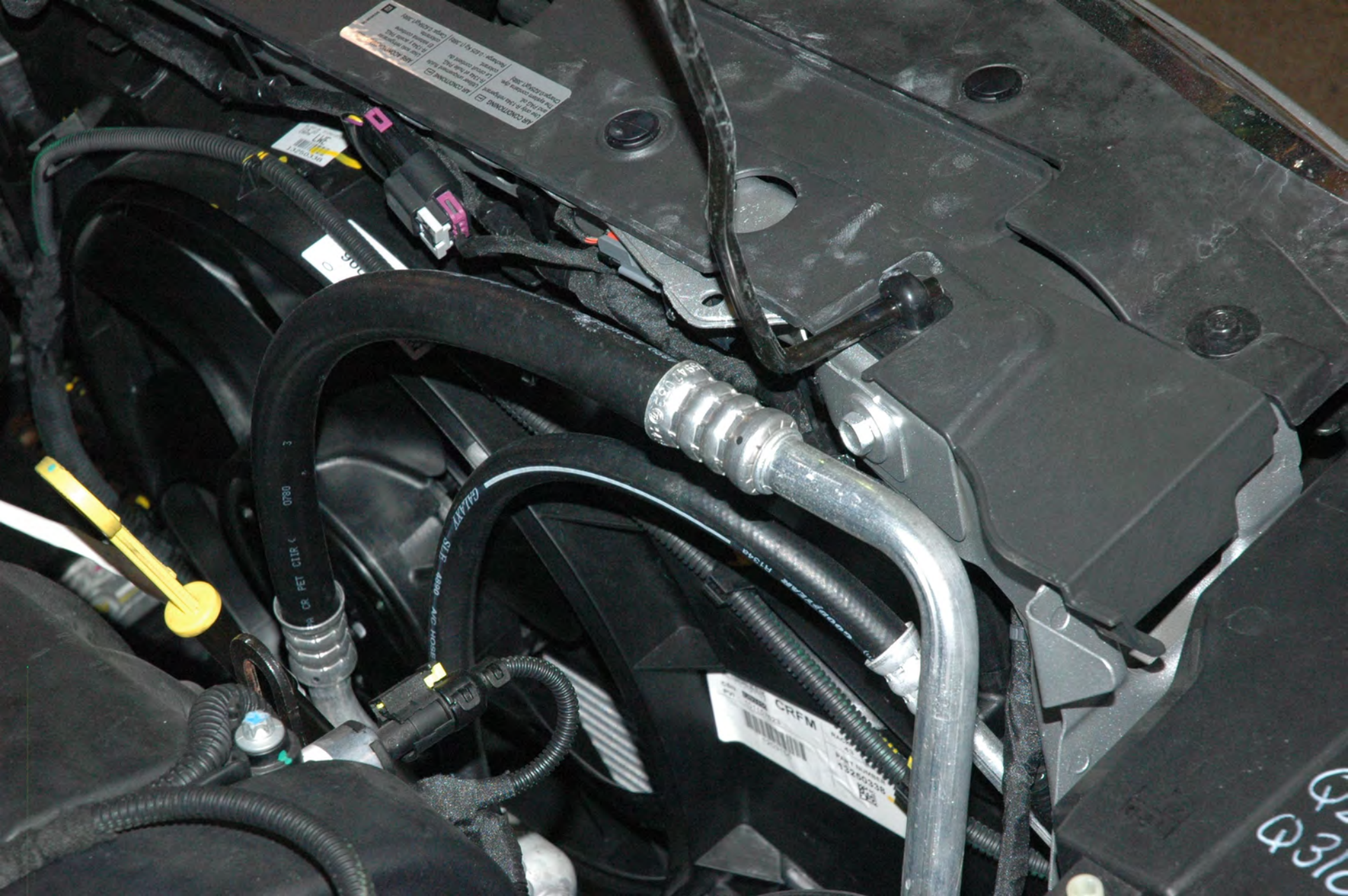


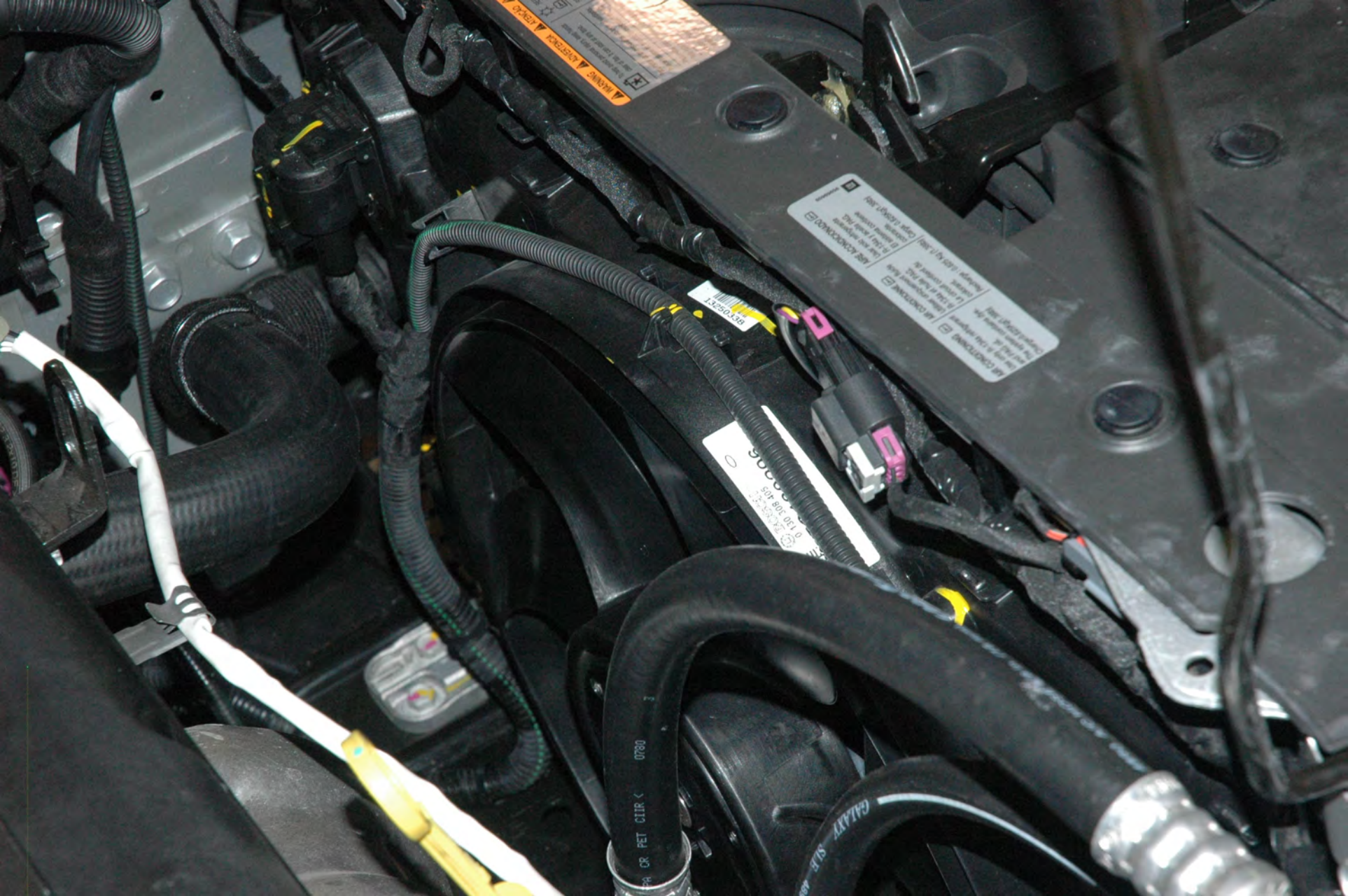


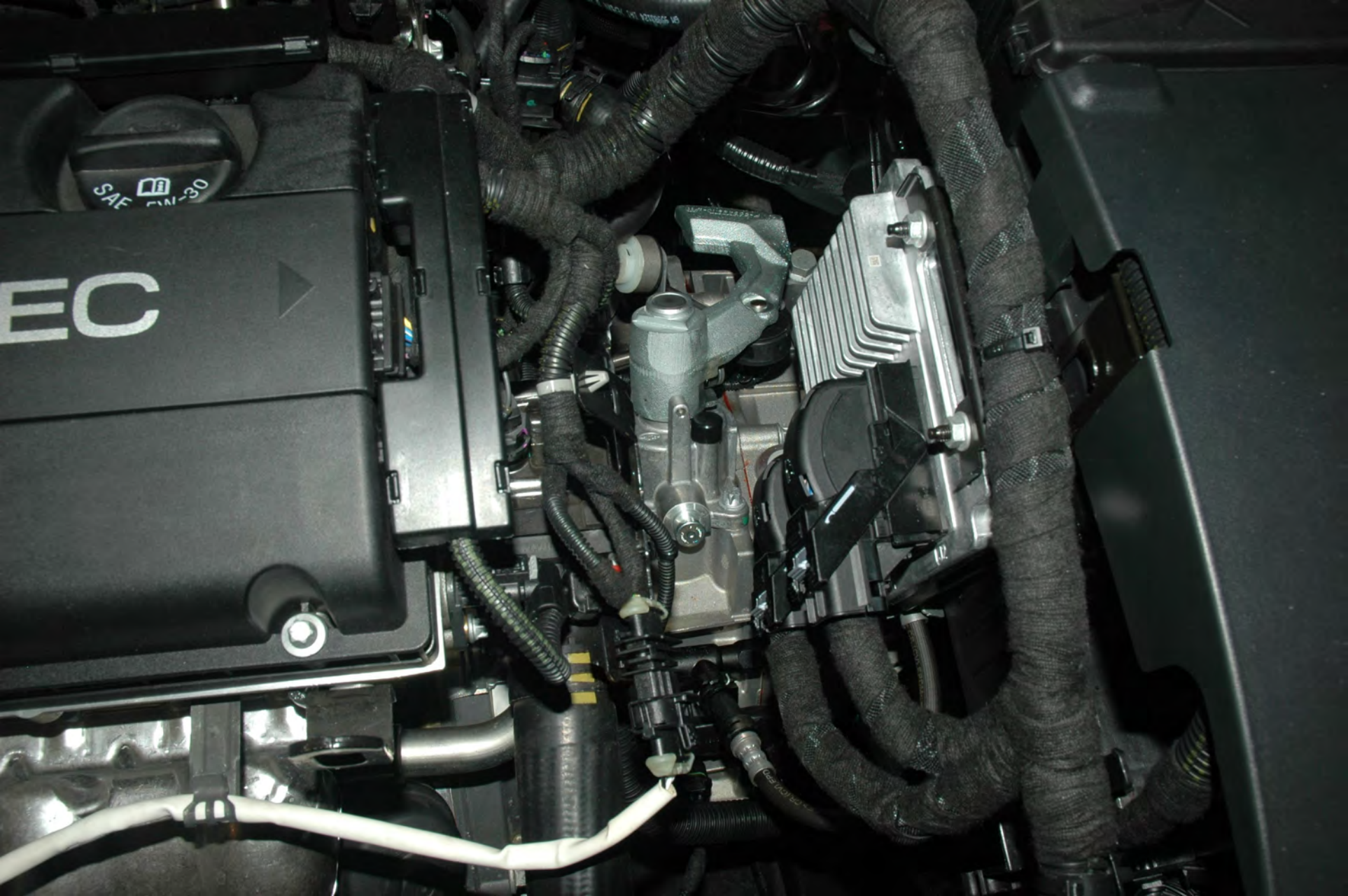


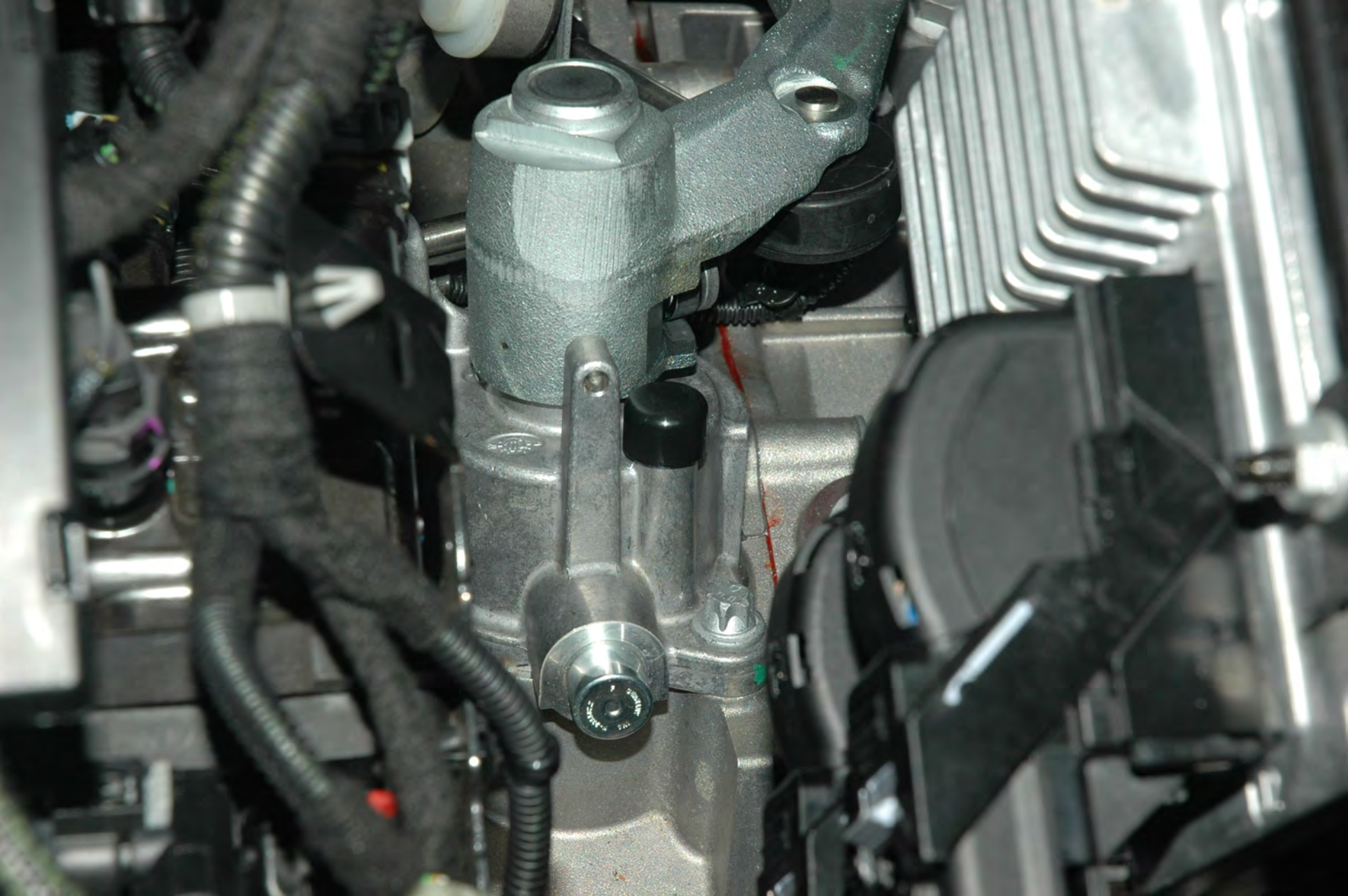
Q251
Q318











PE12-012

GM

6/22/2012

Q_07_2 Vehicle FPA

Sneed 741360 Photos 6.4.12



FIELD PERFORMANCE ASSESSMENT
Photo Documentation Sheet

CASE NAME SNEED #741360

DATE JUNE 4, 2012

LOCATION MPG BLDG #104

VEHICLE 2011 CHEVROLET CRUZE

VIN No. 1G1PC5SHXBT [REDACTED]

PHOTOGRAPHER LOW CARLIN

ROLL No. (1) 2 3 4 5 6 7 8





































































101222
R Y D



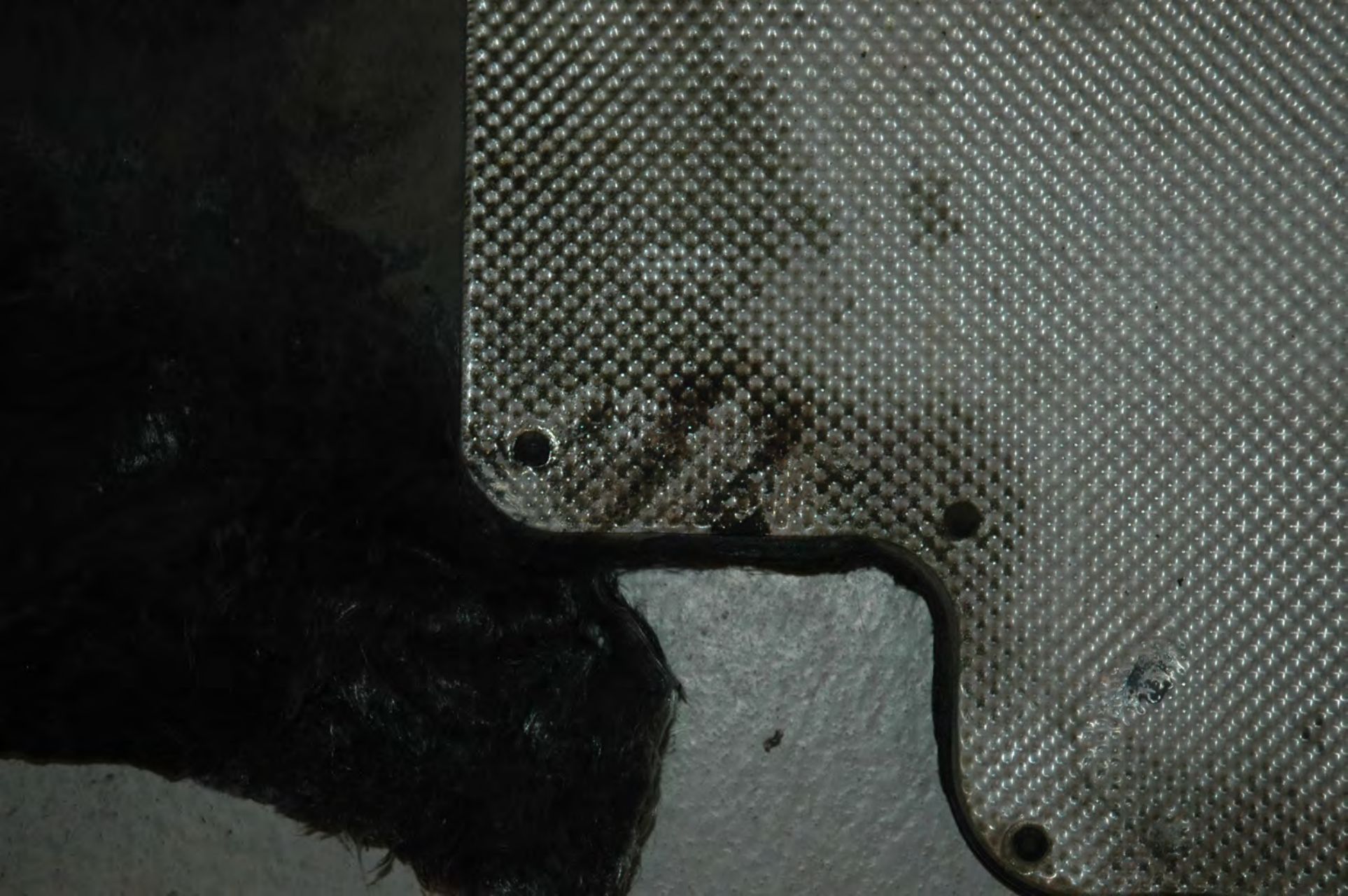
101222
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DM 65 555 876 BK











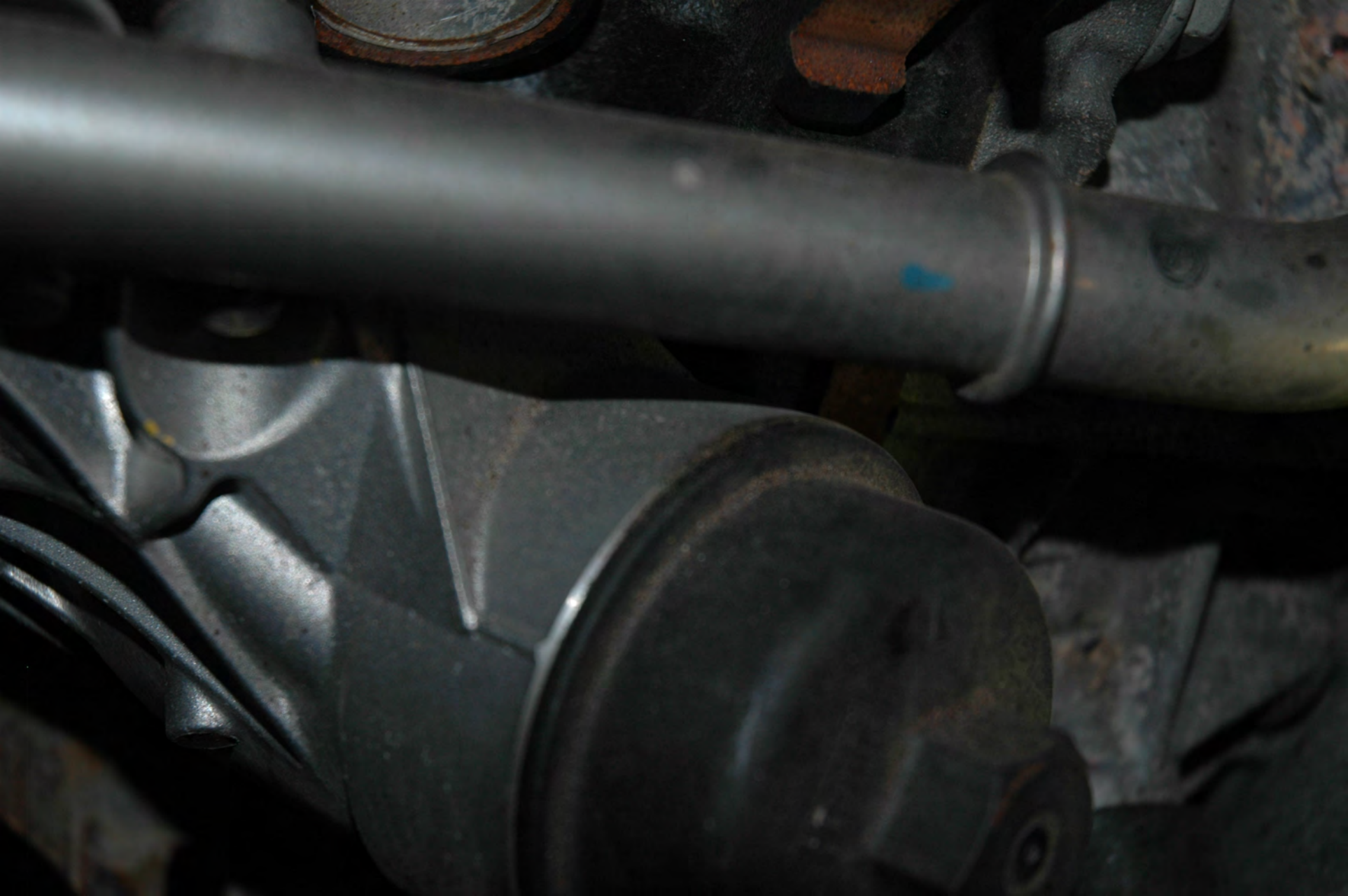
























General Motors Property
Authorization Pass
EMPLOYEE TO WHOM AUTHORIZATION
IS ISSUED MAY EXIT THIS LOCATION
WITH ITEMS SPECIFIED ON REVERSE
SIDE. ANY ITEMS NOT SPECIFICALLY
LISTED WILL REQUIRE ADDITIONAL PASS
THIS PASS REMAINS THE PROPERTY OF GENERAL
MOTORS AND MUST BE RETURNED TO SECURITY
WHEN ALL THINGS FROM THIS LOCATION RETURNED









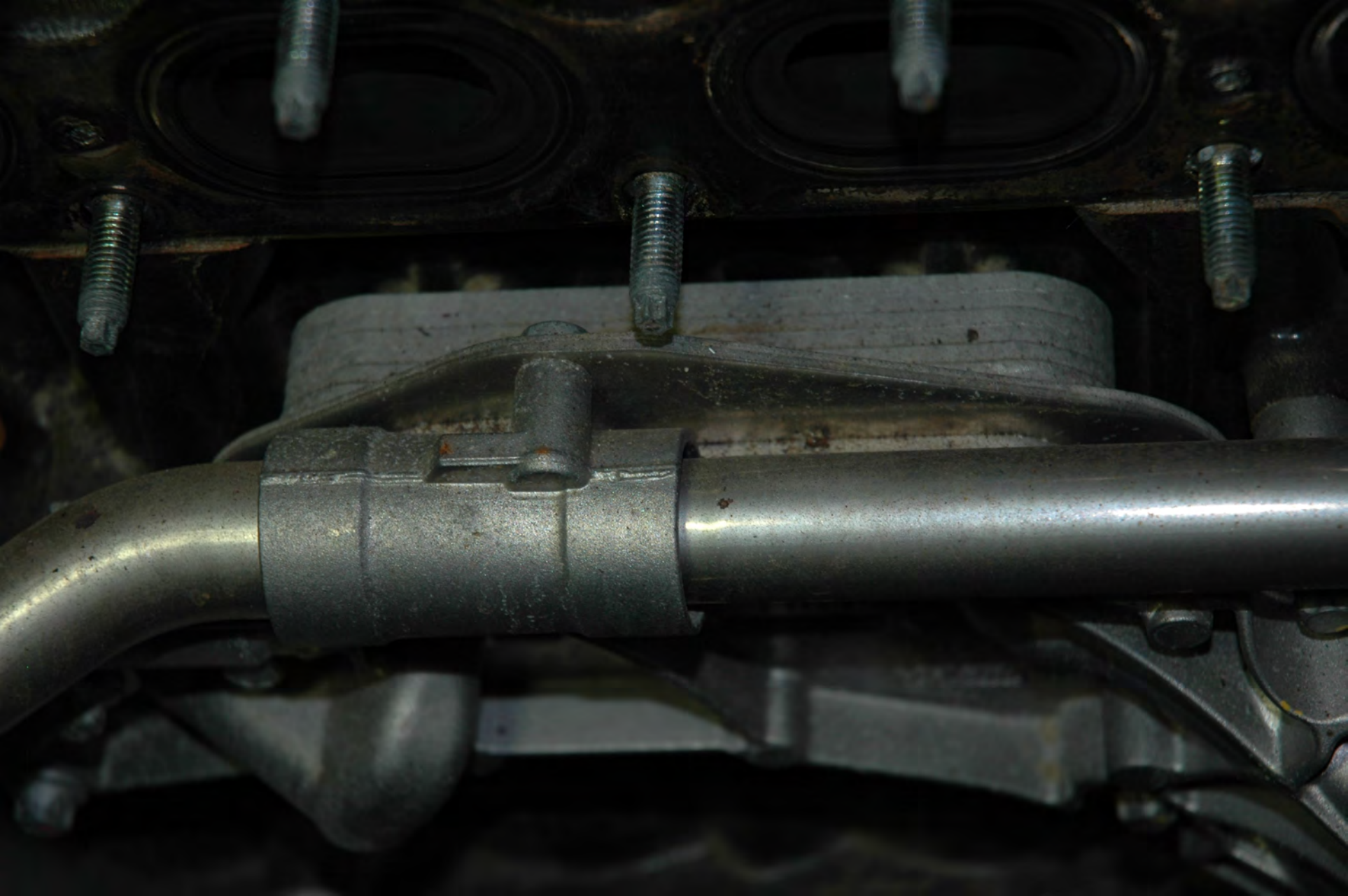




























G1
13 248 830

































L1
13 248















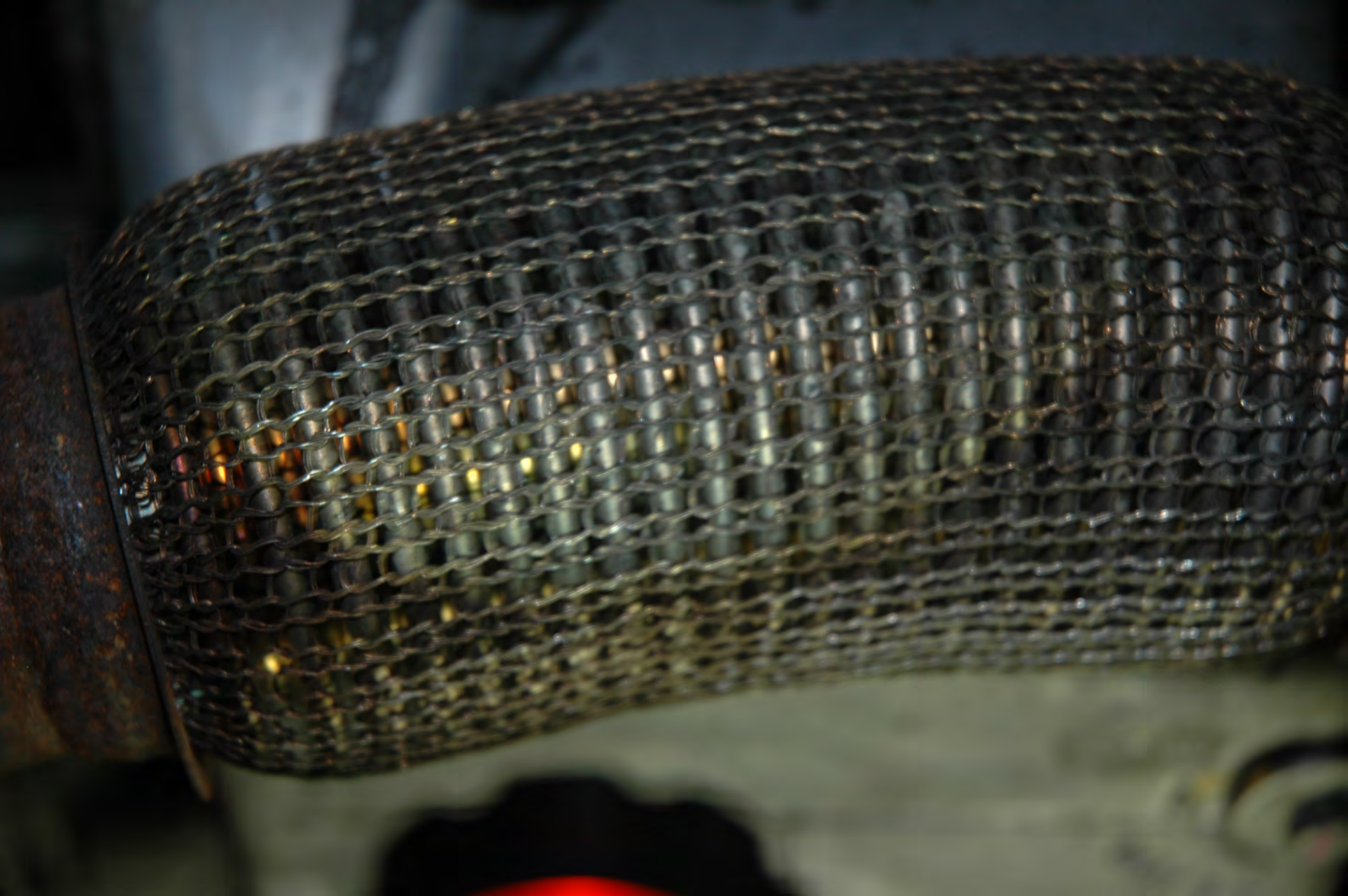




















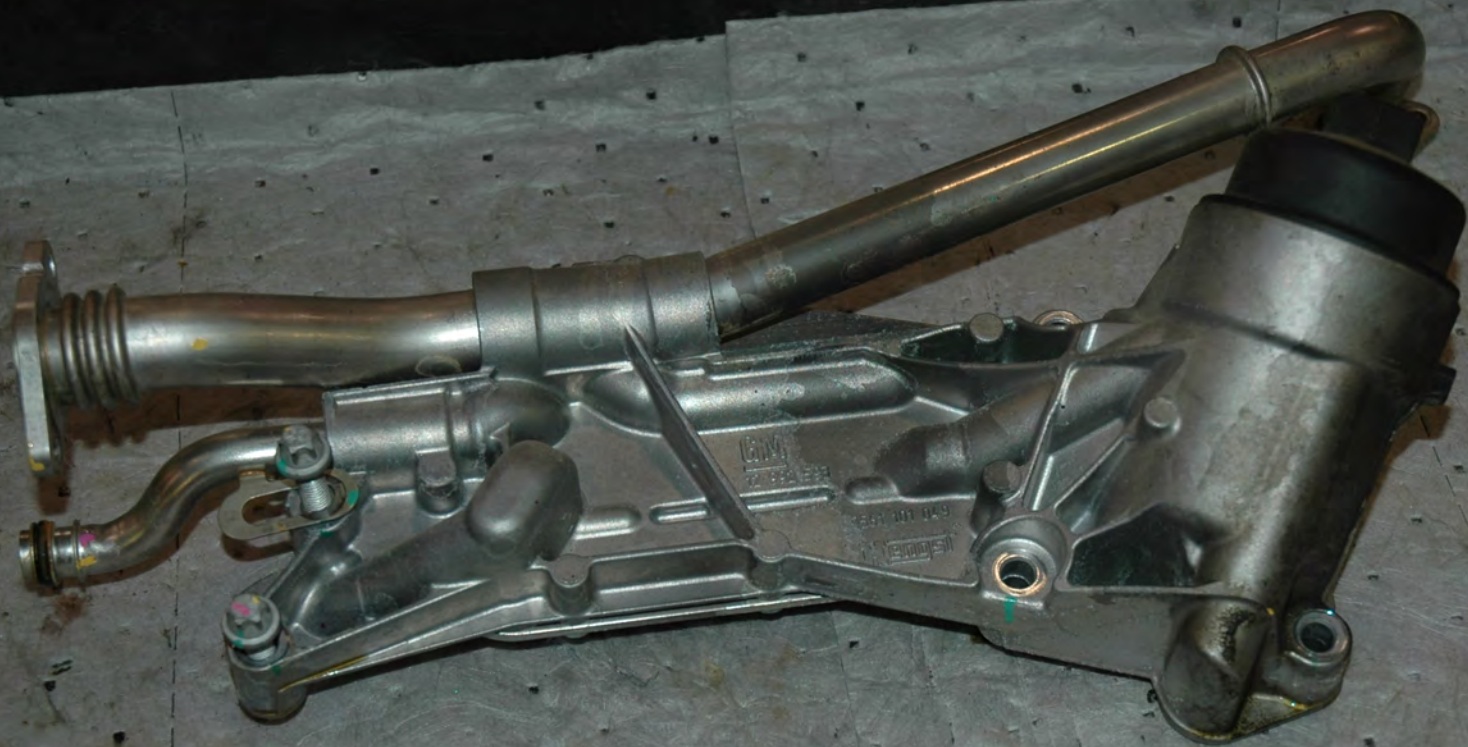


GM

12-550-238

9561-101-043

Macpherson









SCOTT GOODRICH



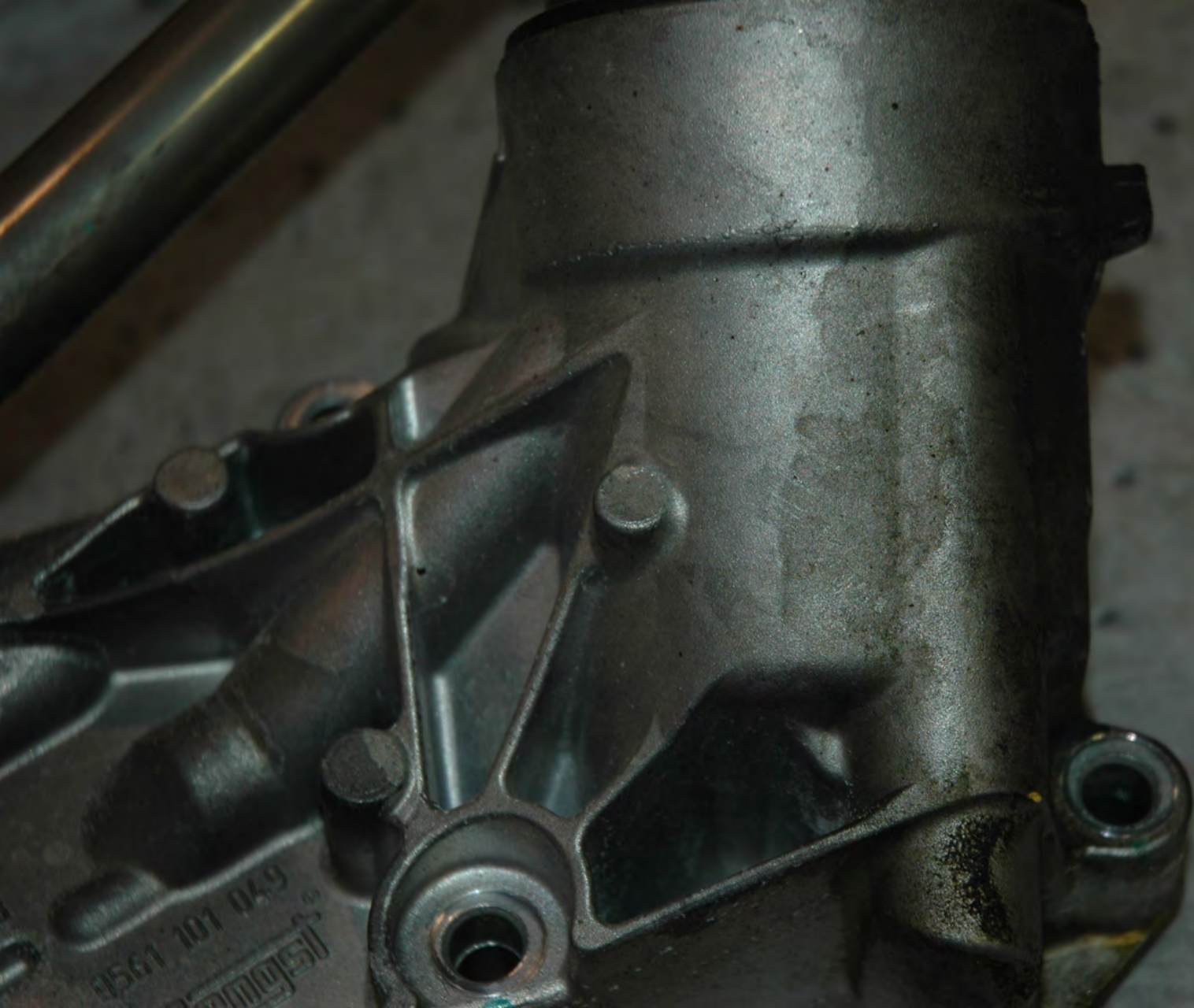














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741360 SIGNED

PCM

2-4-2012

741360 SNIEL

PCM

2-4-2012















741360 SPEED

OIL FILTER & HOUSING ASM.

6-4-2012

#741360 SPEED

OIL FILTER & HOUSING ASM

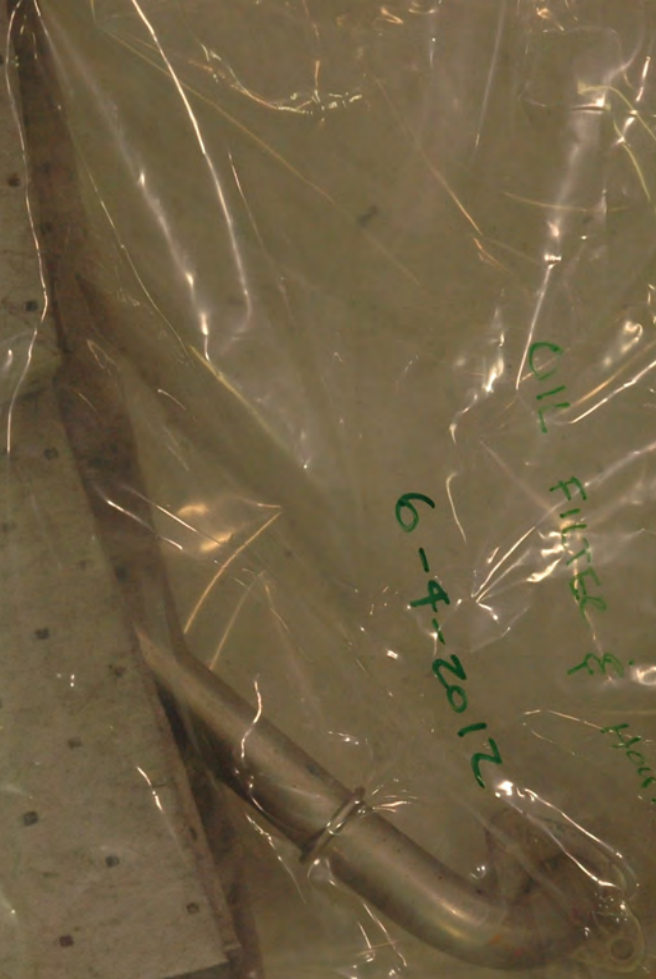
6-4-2012

#741360 Speed

OIL FILTER & HOUSING

ASM.

6-4-2012



PE12-012

GM

6/22/2012

Q_07_2 Vehicle FPA

Washington DC Cruze

Leadership Agenda rev

Kraysovic

2011 NA Cruze

Washington DC Issue

Agenda

•Fire Origin and Cause Analysis	Lou Carlin	3min
•Product Design - Root Cause Analysis	Jim Partyka	5min
•Lab Test Incident Simulation / Results	Friedhelm Krake	3min
•Field Performance	Stouffer / Kraysovic	5min
•Design Comparison GM/Competitors	Friedhelm Krake	3min
•Changes Under Consideration	Friedhelm Krake	5min
•Next Actions (Short Term, Long Term)	Gary Altman	5min

* AI – please supply slide templates to team

PE12-012

GM

6/22/2012

Q_07_2 Vehicle FPA

Washington DC Original
Photos





















MFD BY GENERAL MOTORS LLC

DATE
11/10

GVWR
1833 KG
4041 LB

GAWR FRT
945 KG
2084 LB

GAWR RR
888 KG
1957 LB

THIS VEHICLE CONFORMS TO ALL APPLICABLE U.S. FEDERAL MOTOR
VEHICLE SAFETY, BUMPER, AND THEFT PREVENTION STANDARDS IN
EFFECT ON THE DATE OF MANUFACTURE SHOWN ABOVE.

1G1PD5SH6B7

TYPE: PASS CAR

















