Village of Downers Grove

Larry Humphries

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Optimizing Fleet Operations

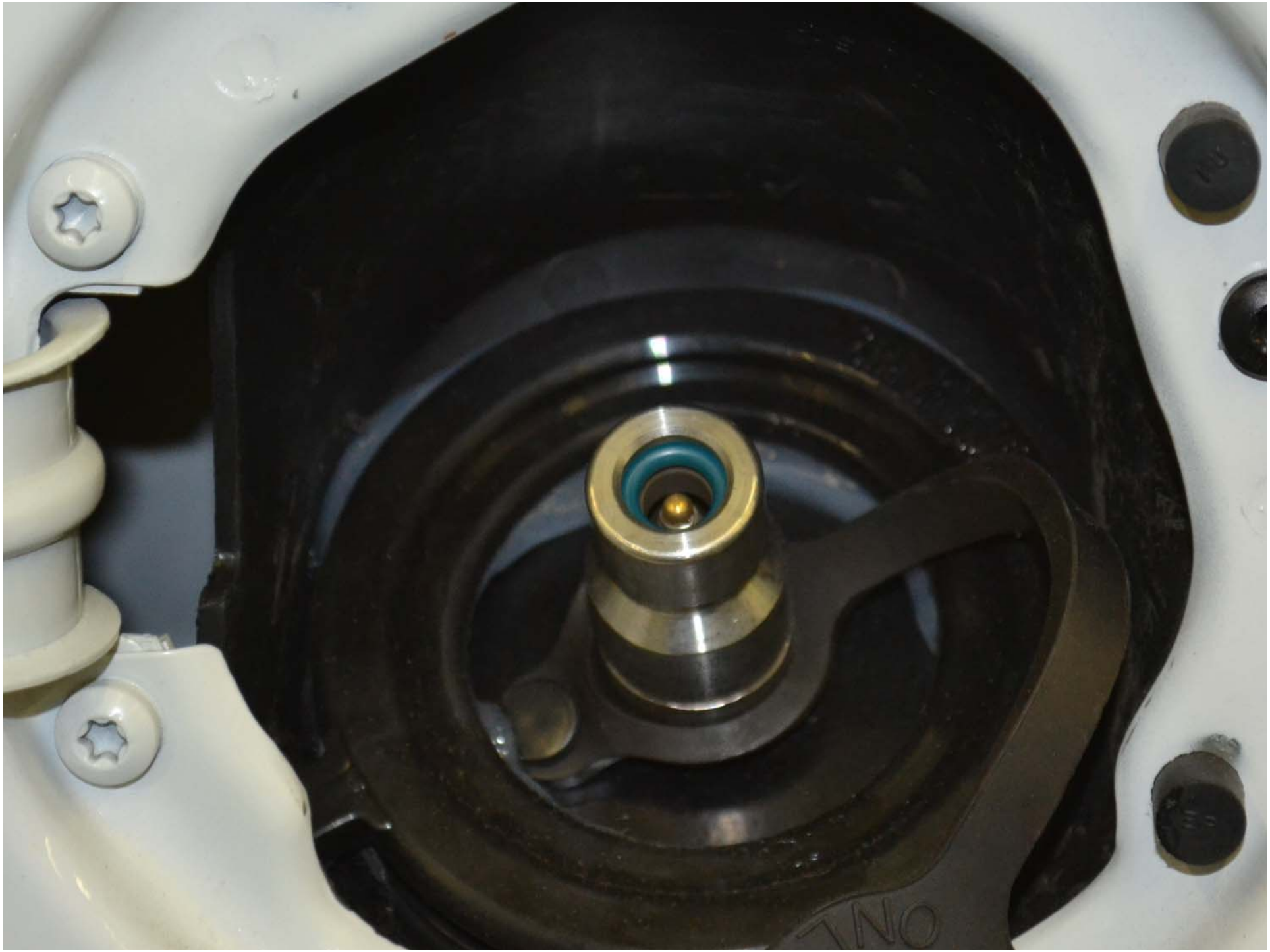
- Alternative Fuel Vehicles
  - CNG
- Nitrogen Fill Tires
- Used Cooking Oil Program
- Energy Efficient Fleet Services Facilities

Alternative Fuel Vehicles

- 87 – 20% Biodiesel (B-20)
- 35 – E – 85 (Ethanol)
- 18 – Compressed Natural Gas (CNG)
- 2 – Hybrid Vehicles
- 3 – Propane-Powered Pieces of Equipment
- 6 – Solar-Powered Pieces of Equipment

CNG Fueling Station

DIESEL
FUELMASTER
E85
85% Ethanol



N FUEL
ECTION
ND FOR
XPIRATION
RAL GAS ONLY
CE PRESSURE
0 kPa (3600 PSIG)

WORKS
DOWNERS GROVE
190

114

107
NGV

S60203
TOYOTA
ATLAS
033
TOYOTA
DOWNERS GROVE

VILLAGE OF
DOWNERS GROVE

Nitrogen Fill Tires

Tank Pressure
Inlet Air Pressure
N2
Nitrogen
Village of
DOWNERS
GROVE
Nitrogen

N2
Nitrogen
Nitrogen

Used Cooking Oil

Parker
Dayton

Building Efficiencies

SATURN
CLEAN BURN
Recycling Center

Lesson Learned:
Don’t Be Afraid to Fail!

Thank you
Larry Humphries