



Agility-Cummins Parts Catalog

CNG and LNG Fuel Systems

ENP-547

Rev B: January 2017

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Notes

1. Damage to the following components must be inspected by a qualified CNG system/CNG tank inspector:
 - a) Structural parts
 - b) Chassis panels, cabinets and cabinet hardware
 - c) Internal frames and superstructures
 - f) Tanks/cylinders



CAUTION

All replacement parts must adhere to the standards and ratings as specified by Agility Fuel Solutions. The use of any part that is not approved by Agility Fuel Solutions is not recommended and may compromise the integrity and safety of the system.

Do not remove components from original packaging until absolutely necessary. Any components that are to be reinstalled must be thoroughly cleaned, inspected and stored in a satisfactory manner until reinstallation.



WARNING

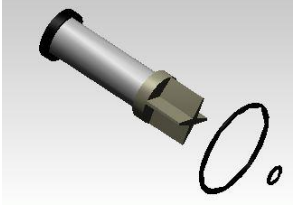
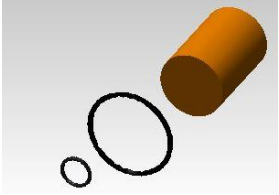
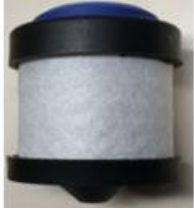


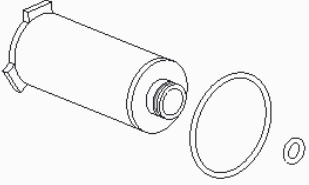
If the vehicle has been in an accident or fire, cylinders and system must be examined by a qualified inspector.

Revision	Description	Author	Approved By	Date
--	Initial Release	W. Yoshida	Y. Coy	11/2/16
A	Minor corrections	W. Yoshida	Y. Coy	12/19/16
B	Verified parts match parts and price list	W. Yoshida	Y. Coy	1/12/17

Agility Fuel Solutions Customer Care

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1. Filtration

AGILITY PART NUMBER	CUMMINS PART NUMBER	DESCRIPTION	IMAGE
10300014	5410425	Filter Element, Parker, 3600 psi, 15 SCFM, grade 10	
20103412	5410516	Kit, Filter Element 1.25 OD X 0.75 ID X 1.875 Long With O-Rings	
10300035	5410453	Filter Element, Parker	
10300600	5410454	Filter Element, Parker, 3600psi, 50 SCFM, Grade 10 (FFC-113 element with O-ring)	
20100008	5410404	Subassembly, Filter	
20100110	5410403	Machined Part, Element Base	
10300023	5410452	Filter Change Out O-Rings (Filter, Omnitek, 3600 psi, 50 SCFM, 99.99% at 0.3-0.6 Micron, ECE R110) (OMNITEK Engineering P/N AB110119/A10119)	

2. Flow Control Components

AGILITY PART NUMBER	CUMMINS PART NUMBER	DESCRIPTION	IMAGE
10300061	5410444	Regulator, 400 psi, 0-200psi Outlet, LNG, No Coolant, Brass	
10300102	5410418	Valve, Manual Cylinder Valve With Low Temp O-Ring And 2 PRD Ports, 3770 psi, CNG, Nickel Plated Brass, CCOE, R110, NGV 3.1	
10300121	5410437	Receptacle, CNG, 3600 psi, 1500 SCFM, 9/16-18 SAE Port, NGV1	
10300712	5410446	Receptacle, CNG, 3600 psi, 1500 SCFM, Bulkhead Style, Female 9/16-18 Thread, No Rubber Cap, NGV1	
10300146	5410451	Valve, Check, 3600 psi, CNG, 1/2in Tube OD, SS	
10300153	5410421	Valve, Ball, 6000 psi, CNG, 1/2in With 1/2in Tube Fitting Ends, SS, -40F To 250F, NGV3.1	
10300158	5410449	Valve, Ball, 6000 psi, CNG, 3/8in With 3/8in Tube Fitting Ends, SS, -40F To 250F, NGV3.1	

Flow Control Components - Continued

AGILITY PART NUMBER	CUMMINS PART NUMBER	DESCRIPTION	IMAGE
10300206	5410445	Regulator, 3600 psi, 125 psi Outlet, CNG, -10 JIC coolant Elbow, ECE R110	
10300207	5410433	Regulator, 3600 psi, 125 psi Outlet, CNG, 5/8-in Coolant Barb, ECE R110	
10300203	5410504	Regulator, 3600 psi, 125 psi Outlet, CNG, 3/4in Straight beaded Hose Barb, ECE R110	
10301154	5410506	Kit, Regulator, ITT, HPNGV1, PRV repair	
10300441	5410427	Valve, 12V solenoid, 3600 psi, CNG, 9/16-18 SAE Ports, Aluminum Body, (Sealed coil With Zener diode)	
10301164	5410507	Valve, 24 V Solenoid, 3600 psi, CNG, Aluminum, 9/16-18 SAE Ports, Diode	

Flow Control Components - Continued

<p>10300424</p>	<p>5410442</p>	<p>Gage, 0-160 psi, dia 2.5 in., panel mount, Center back mount, 1/4 in tube stub</p>	
<p>10300427</p>	<p>5410439</p>	<p>Gage, 0-5000 psi, dia 2.5 in., panel mount, Center back mount, 1/4 in tube stub</p>	
<p>10300492</p>	<p>5410447</p>	<p>Gage, 0-300 ps, 2.5 in, Panel Mount, Center Back Mount, 1/4 in MNPT</p>	
<p>10300741</p>	<p>5410430</p>	<p>Gage, 0-5000psi, 2.5in, Bar Secondary, Side Mount</p>	
<p>10300222</p>	<p>5410474</p>	<p>Valve, Check, 250 psi, LNG, 1/2 NPT, SS</p>	
<p>10300228</p>	<p>5410464</p>	<p>Pressure relief Valve, 230 psi, LNG, Brass (with pipe away)</p>	
<p>10300229</p>	<p>5410470</p>	<p>Pressure relief Valve, 350 psi, LNG, Brass (with tamper proof ring)</p>	

Flow Control Components - Continued

AGILITY PART NUMBER	CUMMINS PART NUMBER	DESCRIPTION	IMAGE
10300230	5410471	Excess Flow Valve, 3/8in NPT ends, LNG, SS	
10300252	5410467	Regulator, Economizer, 300 psi, 120 psi, LNG	
10300259	5410434	LNG Heat Exchanger, 450 HP	
10300265	5410450	Valve, Solenoid, 12V, 250 psi, LNG, 3/8in. Female NPT ports, Brass	

3. Electrical Components and Assemblies

AGILITY PART NUMBER	CUMMINS PART NUMBER	DESCRIPTION	IMAGE
20101111	TBD	Cummins ECU, Un-programmed	
10400323	5410455	Electrical Component, LNG, In-line Voltage Reducer	
10404000	5410448	Electrical Component, EK Pressure Transducer, 0-3600 psi, 1-5V, 7/16-20, Packard Metri-Pack (EK replacement)	
10404006	5410431	Electrical Component, Kill Cap	
10404015	5410469	Electrical Component, Methane Detection Sensor for kit PN 10404014	
10404019	5410440	Electrical Component, Pressure Transducer, Setra, 0.5V-4.5V, 7/16-20, 0-6000 psi, 4 Pin, Deutsch DT	
10404055	5410466	Electrical Wire, LNG, Cord Patch BNC 36in., BNC TO 37D	


Electrical Components and Assemblies - Continued

AGILITY PART NUMBER	CUMMINS PART NUMBER	DESCRIPTION	IMAGE
10404057	5410462	Heat Shrink, LNG, 4" Tube Heat Shrink for BNC Cable	
10400139	5410510	Electrical Component, Epoxy Coated Rare Earth Magnet for Fuel Cap 1/4in x 1in N42 Epoxy Ni-Cu-Ni plated NeFeB Magnet	
10400105	5410509	Electrical Component, Reed Switch Actuator Cylinder 1in x 1/4in w/ 12in wire leads, Black	
10404041	5410511	Electrical Component, Gauge, Pacific Insight -002	
10404090	5410512	Electrical Component, Solenoid, Transportation Coil, 12V	
20100340	5410515	Electrical Wire Harness, Proximity Switch To Reed Conversion Kit -Standard FMM	
10300463	5410505	Kit, Replacement coil for 10300441 solenoid, 12V	



4. Caps and Plugs

AGILITY PART NUMBER	CUMMINS PART NUMBER	DESCRIPTION	IMAGE
10300133	5410426	Dust Cap, Rubber, OPW 5000 Series	
10300134	5410424	Dust Cap, Rubber, OPW NGV1	
10404006	5410431	Electrical Component, Kill Cap	
24300125	5410414	Cap, Fuel	

5. Hardware – Latches, Brackets, Covers, Shields

AGILITY PART NUMBER	CUMMINS PART NUMBER	DESCRIPTION	IMAGE
10701016	5410443	Latch, Quarter Turn, Non-locking, 0.83/1.10 Grip, Short Reach, 316 SS	

6. Decals and Stickers

AGILITY PART NUMBER	CUMMINS PART NUMBER	DESCRIPTION	IMAGE
10602072	5410461	Decal, Vehicle, FMM, Small CNG diamond	
10602105	5410411	Decal, System, CNG diamond for All Systems, New	

7. Hardware, Fasteners – Requirements

Common nuts and bolts are not provided for system installations. Agility Fuel Systems specifies Grade 8 or, when noted, Grade 9 nuts and bolts to maximize system life and safety.

Fastener finish must meet specifications for minimum 720 hour salt spray. Acceptable coatings include aluminum-zinc or zinc coated such as Geomet, Magni, and Ecoguard. Yellow zinc is being phased out and is no longer recommended for new installations or repairs.

Nuts shall be prevailing torque nuts (top lock nut) with corrosion-resistant plating and match the bolt strength rating.



WARNING

Never mix nuts, bolts and washers with different finishes, such as a yellow-zinc bolt with an aluminum-zinc lock nut.