SPC.0038 Ver. 1.0 July 24, 2023

HEXAGON AGILITY | Genuine Parts

Gillig CNG Fuel Management Module (FMM) p/n 20818500 Service Parts Catalog

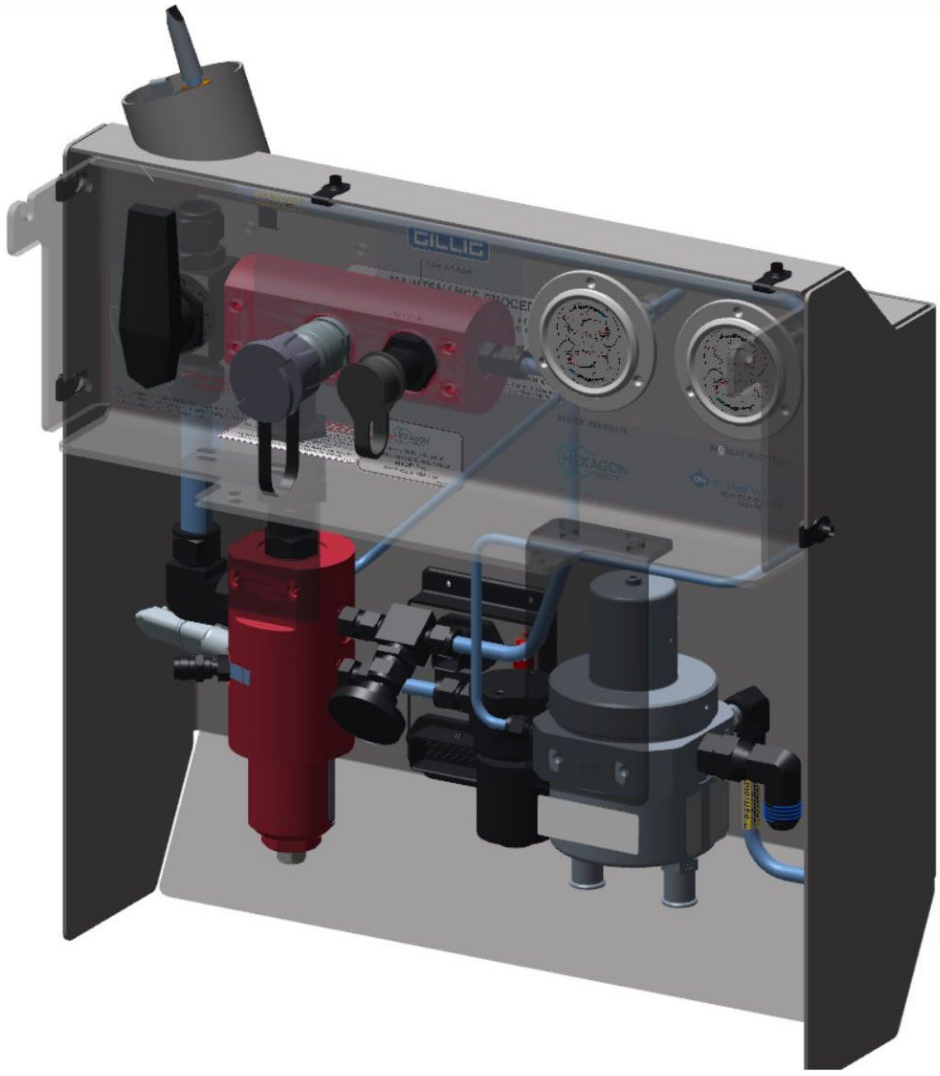


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Hexagon® Agility® endeavors to maintain a comprehensive and accurate service parts catalog. We reserve the right to make changes at any time to materials, equipment, specifications, and availability. Please contact Hexagon® Agility® FleetCare for the latest version.

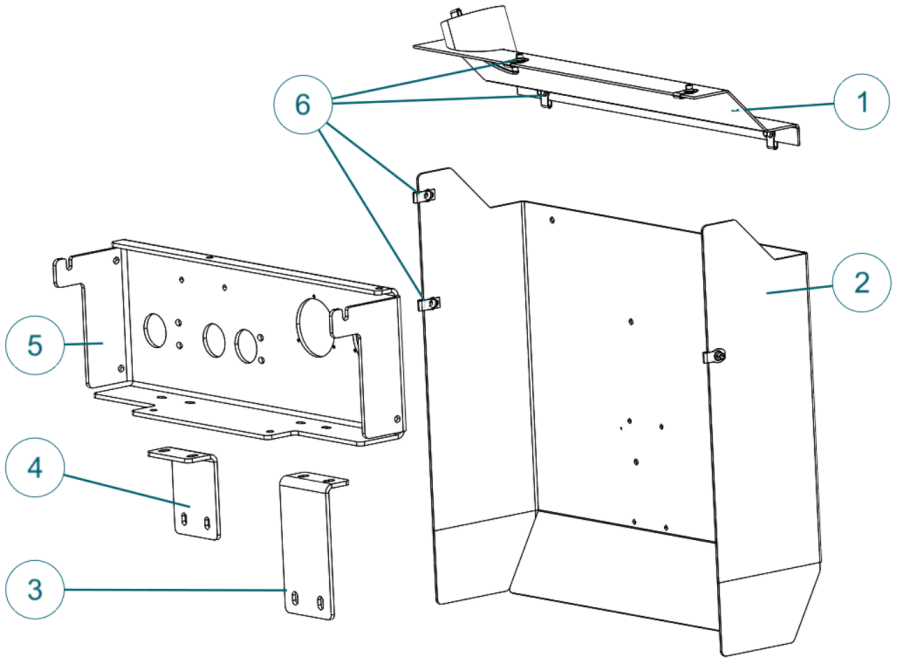
Trademark Notice

Hexagon® is a registered trademark of Hexagon Technology AS. Agility® is a registered trademark of Agility Fuel Solutions LLC.

Abbreviations Used

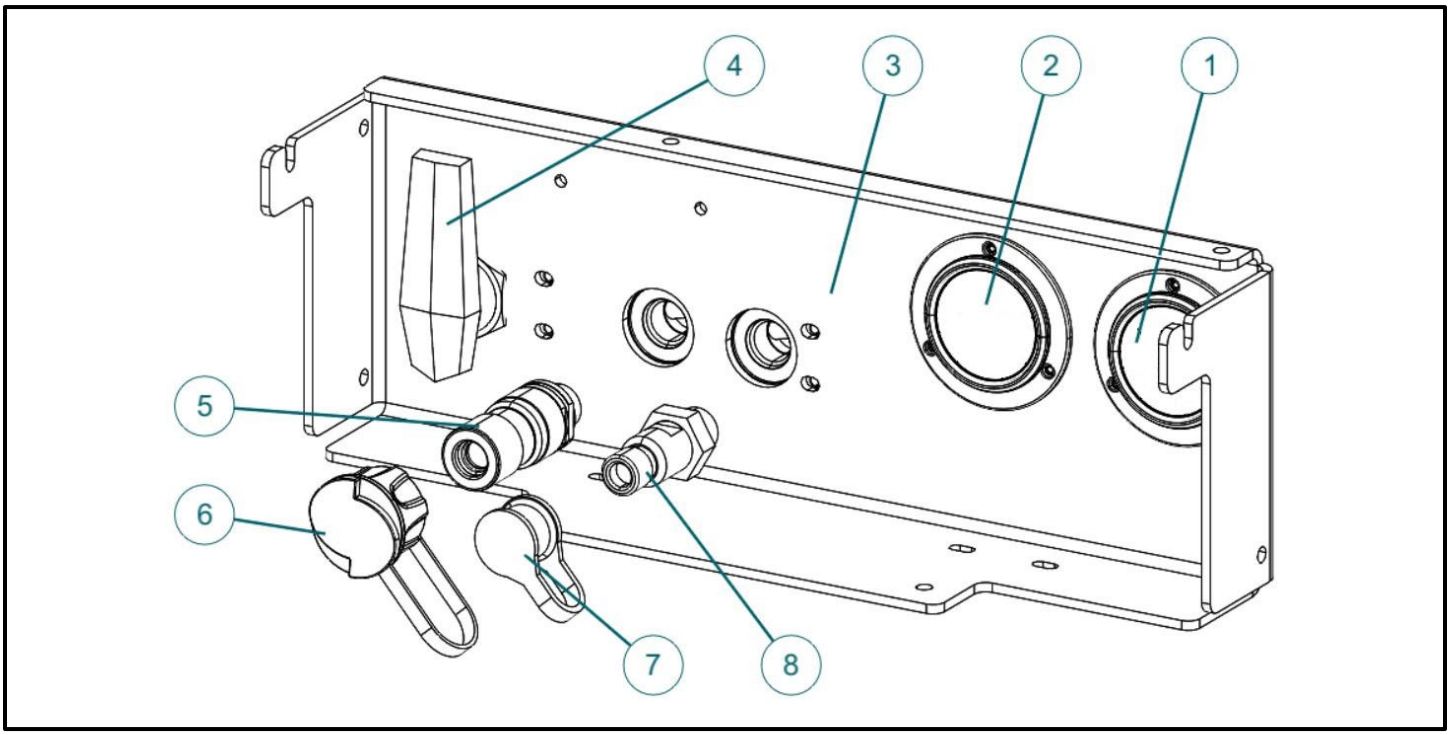
Abbreviation	Description
CNG	compressed natural gas
FMM	fuel management module
HP	high-pressure
LP	low-pressure
NS	not serviced
POA	part of assembly

Cover Panels and Components



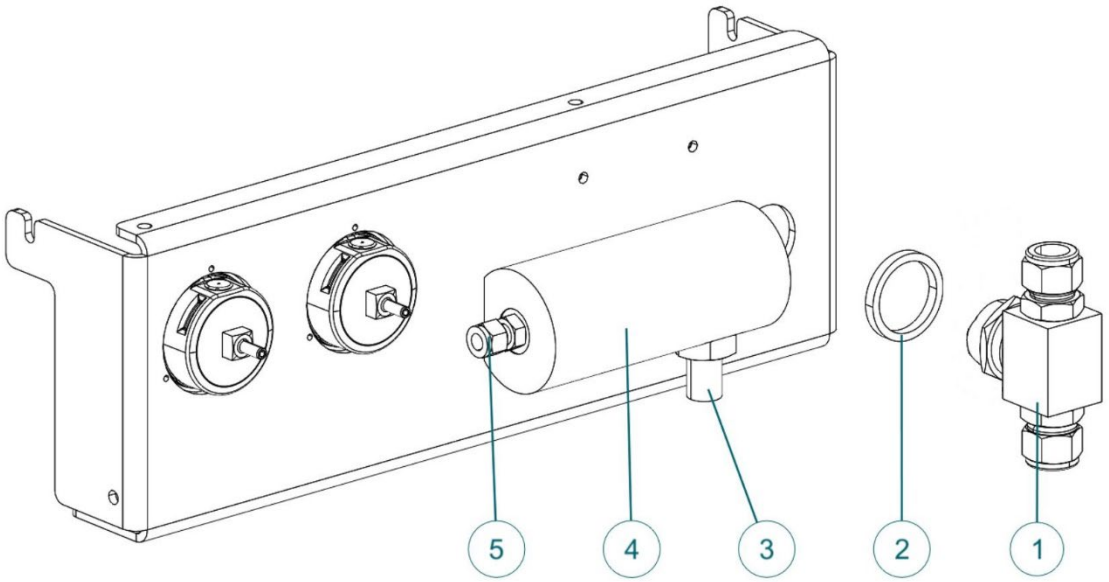
Item	Service p/n	Description	QTY
1	20800112	Vent Stack Assembly, Gillig 208	1
2	20860104	Cover, FMM, Rear, Gillig 208	1
3	20800132	Bracket, Regulator, Gillig 208	1
4	20800134	Bracket, HP filter, Gillig 208	7
5	20860100	Face Plate, FMM, Gillig 208, Standard and Remote Fill	1
6	69500006	U-nut Spring Clip – SET OF 5	2

Face Plate Components, Front



Item	Service p/n	Description	QTY
1	24100071	Gauge, Low Pressure, w/ Nut And Ferrule	1
2	24100072	Gauge, High-Pressure, w/ Nut And Ferrule	1
3	20860100	Face Plate, FMM, Gillig 208, Standard and Remote Fill	1
4	10300164	Valve, 1/4-Turn Manual Shutoff	1
5	10300750	Fuel Fill Receptacle	1
6	10300757	Dust Cap, Fuel Fill Receptacle	1
7	10300753	Dust Cap, Defuel Receptacle	1
8	10300713	Defuel Receptacle	1

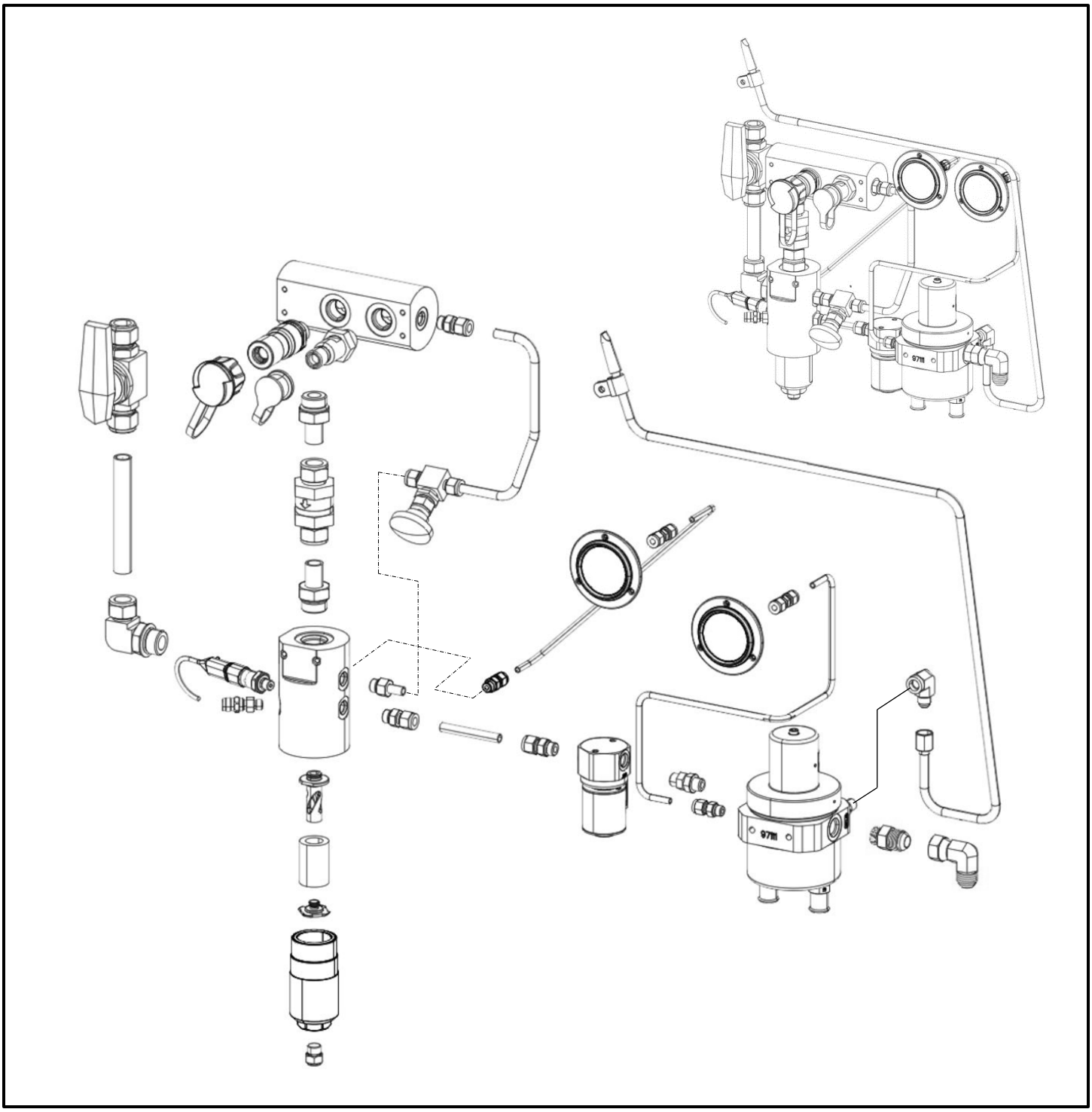
Face Plate Components, Rear



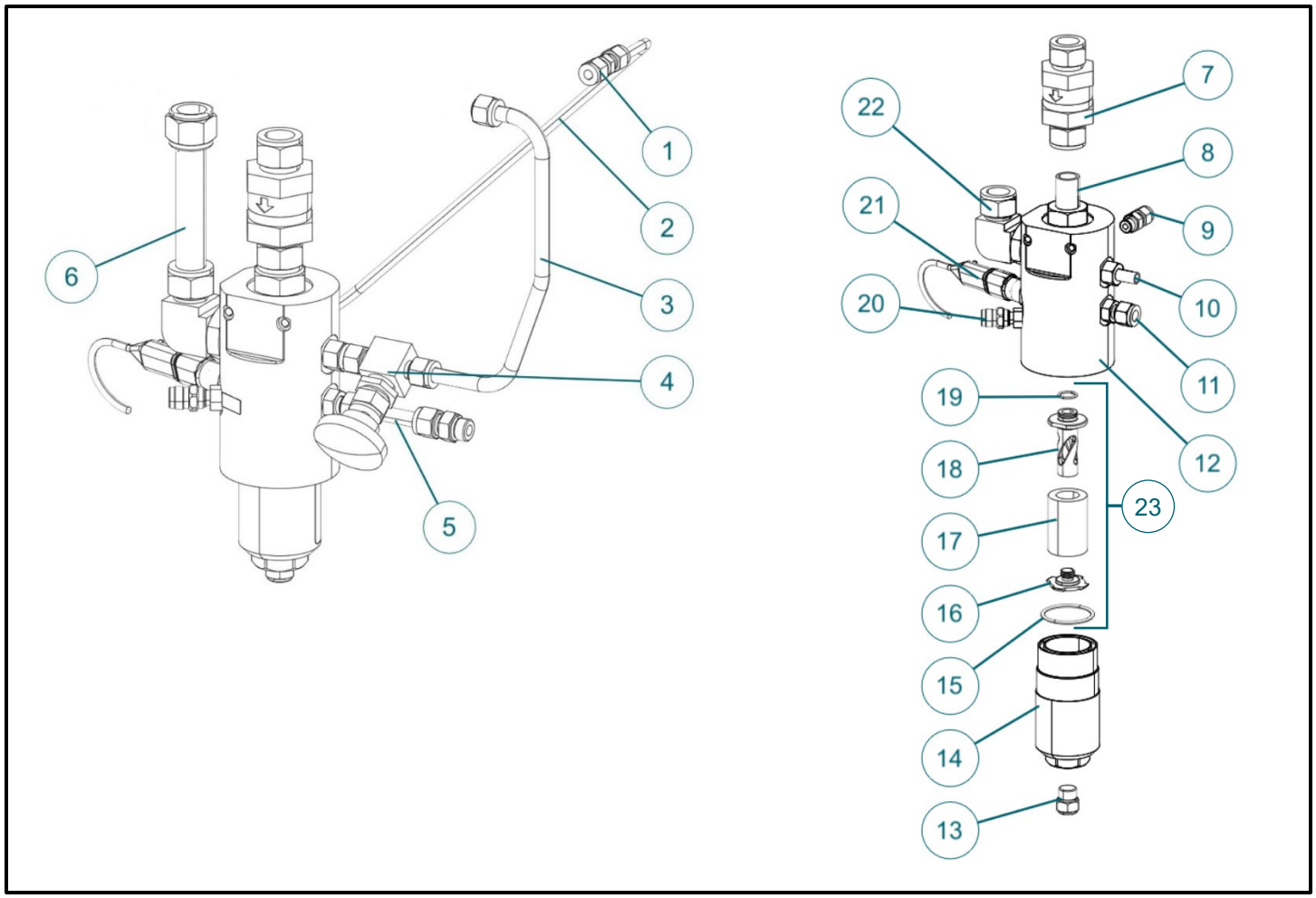
Item	Service p/n	Description	QTY
1	10300164	Valve, 1/4-Turn Manual Shutoff	1
2	20800120	Spacer, 1/4-Turn Manual Shutoff Valve	1
3	69500007	ASM, Adapter Fitting w/ Nut And Ferrule	1
4	20100524	Fuel Fill Manifold, Standard	1
5	10200062	Fitting, Tube Connector, Straight	1
6	20810019	Subassembly, Fill Manifold, Includes Manifold And Fittings	1

**Not shown*

Plumbing Overview



Manifilter

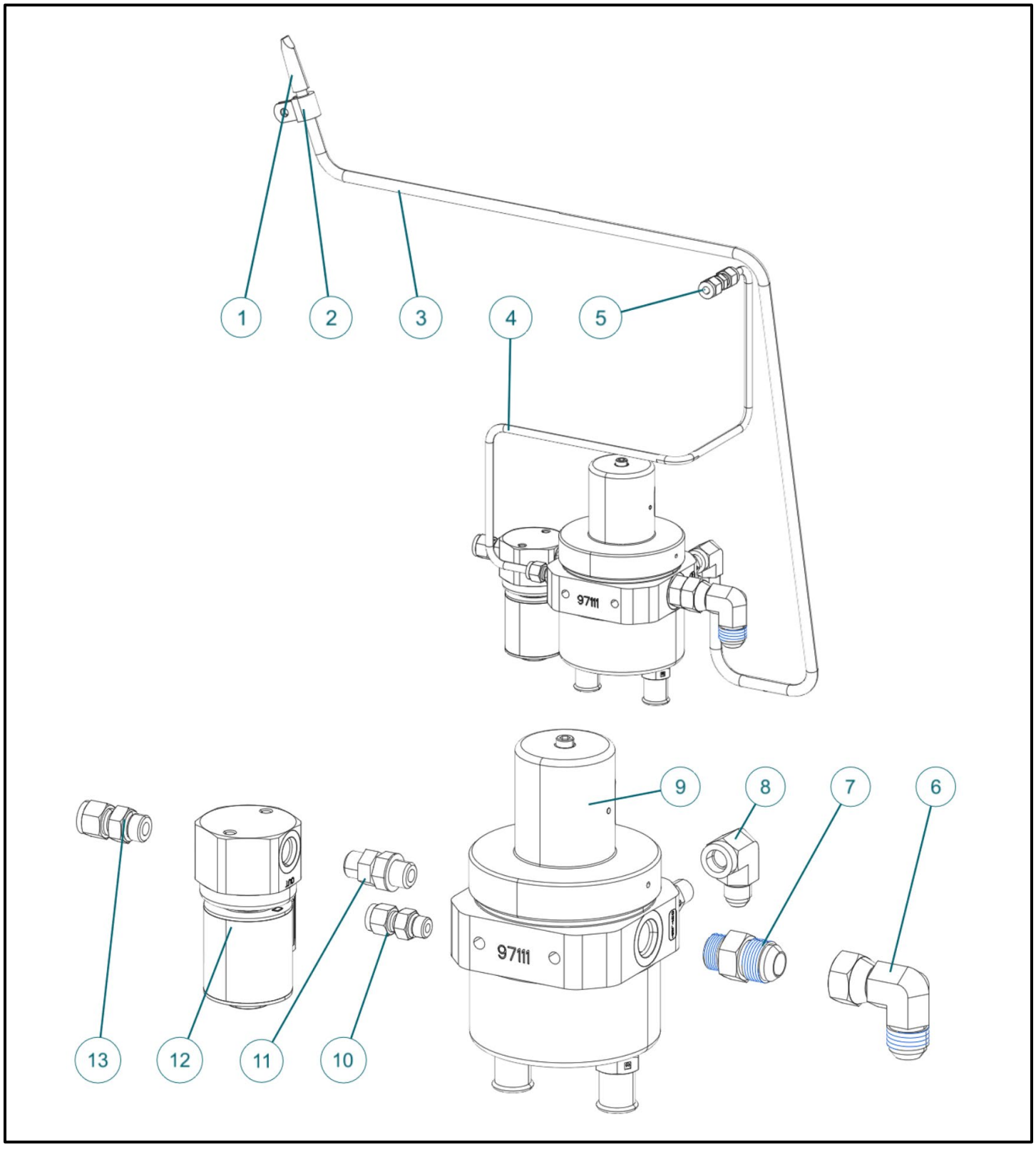


Manifilter

Item	Service p/n	Description	QTY
1	10200000	Fitting, Tube, Union, Straight	1
2	69500010	ASM, HP Fuel Tube, Manifilter to HP Fuel Gauge	1
3	69500012	ASM, HP Fuel Tube, Defuel Valve To Manifold	1
4	10300170	Defuel Valve	1
5	69500008	ASM, HP Fuel Tube, Manifilter To Supply Solenoid Valve	1
6	69500009	ASM, HP Fuel Tube, Manifilter to 1/4-turn Manual Shutoff Valve	1
7	10300152	Check Valve	1
8	69500007	ASM, Fitting, Tube, Adaptor, w/ Nut and Ferrule	1
9	10200056	Fitting, Tube Connector, Straight	1
10	A10200236	ASM, Fitting, Tube, Adaptor, w/ Nut and Ferrule	1
11	10200062	Fitting, Tube Connector, Straight	1
12	NS	Manifilter Head (POA 25)	1
13	10200266	Fitting, Plug	1
14	20100107	Manifilter Bowl	1
15	NS	O-ring, HP Fuel Filter Bowl (POA 23)	1
16	20100110	Base, HP Fuel Filter Element	1
17	NS	Element, HP Fuel Filter (POA 23)	1
18	20100108	Housing, HP Fuel Filter Element	1
19	NS	O-ring, HP fuel Filter Element (POA 23)	1
20	10300201	Bleed Valve	1
21	10404019	Pressure Transducer	1
22	10200185	Fitting, 90-degree Adjustable Elbow	1
23	20103412	Kit, Service, Filter Element – *includes (15), (17), (19), and O-ring lubricant*	1
24*	10500059	Kit, Service, O-ring Assortment	1
25*	20810013	ASM, Manifilter – *includes (8),(9), (10), (11), (12), (13), (14), (20), (21),(22), (23)*	1

**Not shown*

Pressure Regulator and Supply Solenoid Valve (SSV)

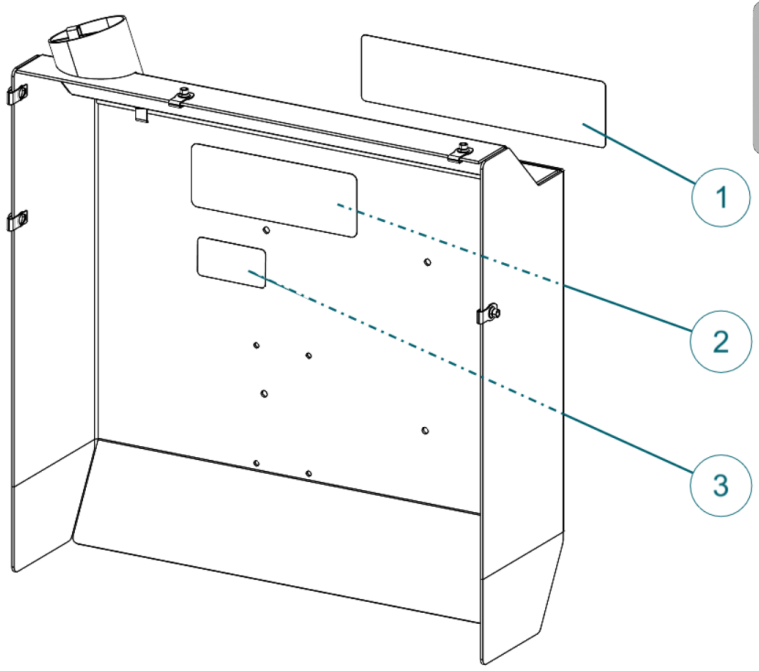


Pressure Regulator and Supply Solenoid Valve (SSV)

Item	Service p/n	Description	QTY
1	10702385	Cap, PRD Vent	1
2	10702022	P-clip	1
3	20800016	ASM, PRD Vent Tube, Regulator to Vent – *includes (2)*	1
4	69500011	ASM, HP Fuel Tube, Regulator To LP Fuel Gauge	1
5	10200000	Fitting, Tube, Union, Straight	1
6	10210002	Fitting, 90-Degree Elbow, Large	1
7	10240025	Fitting, Straight	1
8	10240016	Fitting, 90-Degree Elbow, Small	1
9	10301325	Pressure Regulator, 125 psi	1
10	10200056	Fitting, Tube Connector, Straight	1
11	10200279	Fitting, Adaptor, Straight	1
12	10301164	Supply Solenoid Valve (SSV), 24V	1
13	10200062	Fitting, Tube Connector, Straight	1
14*	20810012	Subassembly, Regulator, Solenoid – *includes (6), (7), (8), (9), (10), (11), (12), (13)*	1

**Not illustrated*

Decals



MAINTENANCE ONLY ACCESS PANEL

⚠WARNING VERIFY THAT THE FUEL SYSTEM IS DE-PRESSURIZED BEFORE PERFORMING MAINTENANCE. FAILURE TO DO SO COULD RESULT IN SERIOUS INJURY OR DEATH.

⚠CAUTION BEFORE ELECTRIC WELDING ON VEHICLE, DISCONNECT 3 PIN ELECTRICAL PLUG AT REAR OF FILL PANEL. FAILURE TO DO SO MAY RESULT IN PERMANENT DAMAGE TO THE PRESSURE TRANSDUCER.

FOR PARTS AND SERVICE CONTACT: HEXAGON AGILITY - www.hexagonagility.com

1

MAINTENANCE PROCEDURE:

⚠WARNING DO NOT SERVICE THIS VEHICLE IF IT HAS A PRESSURIZED FUEL SYSTEM. DOING SO MAY RESULT IN SERIOUS INJURY OR DEATH.

TO DEPRESSURIZE:

1. Turn the "MANUAL SHUT OFF VALVE" to the Closed position and run the engine until it stops
2. Verify the vehicle is off and proper vehicle lock-out procedures are followed
3. Slowly relieve manifold pressure using the bleed valve

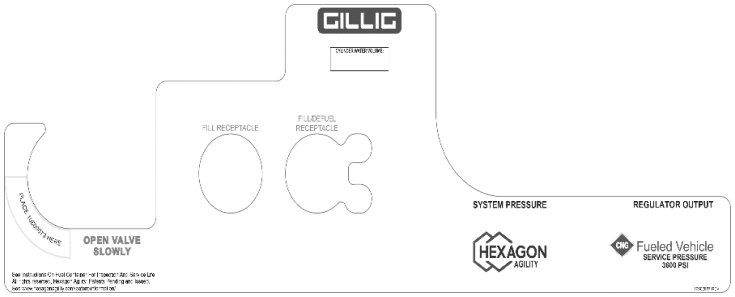
For detailed maintenance procedures, please refer to the operations manual.
If you have any questions, contact Hexgon Agility - www.hexagonagility.com

IF THE VEHICLE IS INVOLVED IN AN ACCIDENT, IT MUST BE REPORTED TO THE MANUFACTURER. THE SYSTEM MAY BE REQUIRED TO BE RE-CERTIFIED BY AN APPROVED INSPECTOR

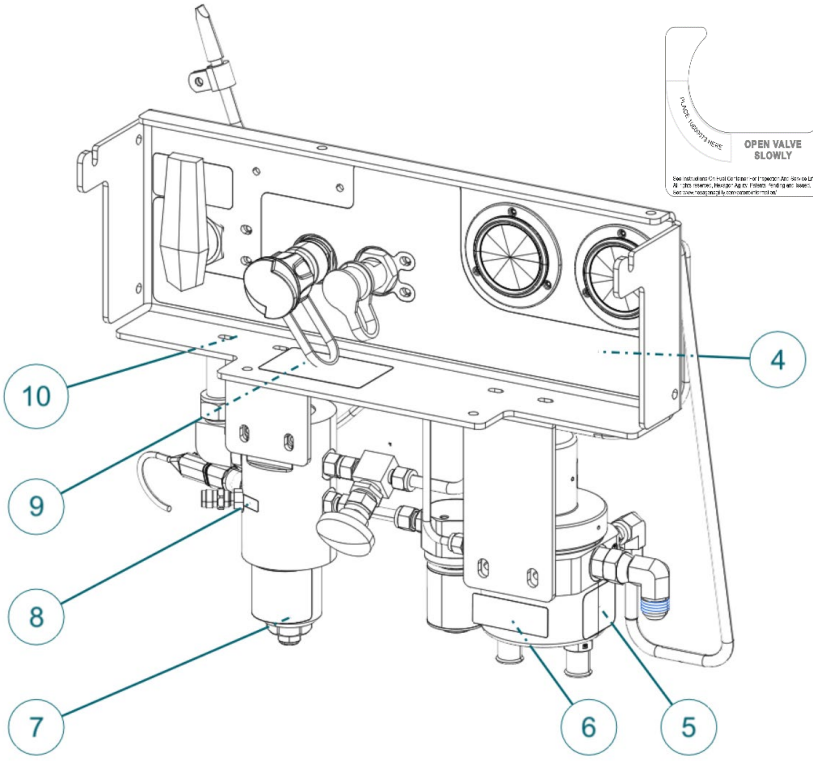
2

For service, technical support,
warranty issues and parts, contact:
949-267-7745
www.hexagonagility.com

3



4



FUEL
LOW
PRESSURE

5

IN **OUT**
COOLANT
10600070 REV A

6



7



8

Not a Handle

10

⚠ DANGER

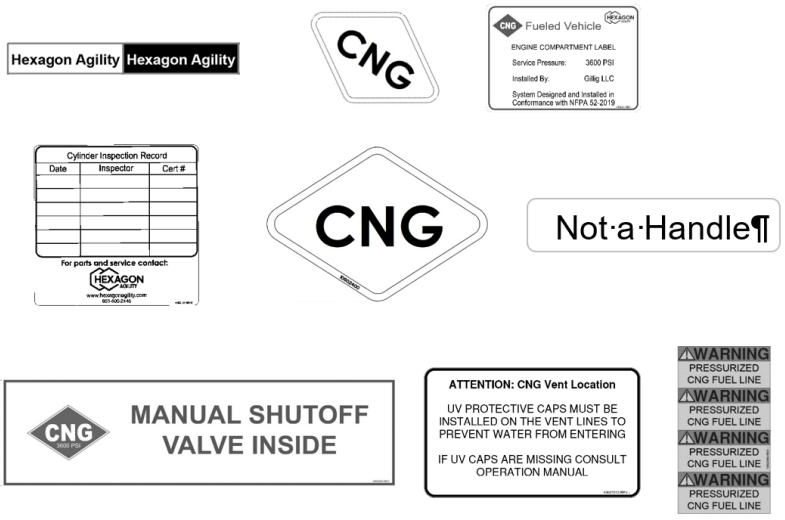
Venting of pressure from this system requires the use of special instructions and tools that can be obtained from Hexagon Agility, 949-267-7745, support@hexagonagility.com, www.hexagonagility.com. Failure to follow the proper procedure could result in serious personal injury or death.

10602108 REV C

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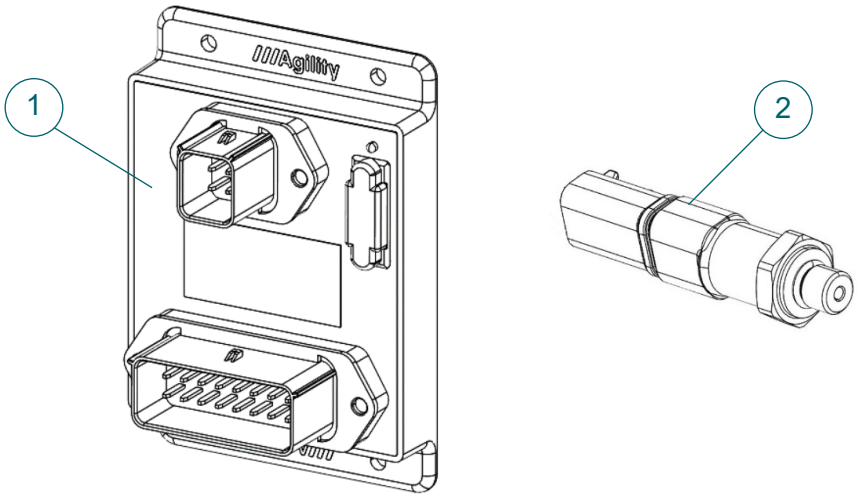
Decals

Item	Service p/n	Description	QTY
1	10602004	Decal, System, Maintenance Only Access Panel	1
2	10602073	Decal, Vehicle, For Parts And Service	1
3	10602037	Decal, Vehicle, AFS Maintenance Procedure, Small	1
4	10602987	Decal, FMM, Face Plate, Gillig	1
5	10602017	Decal, System, Fuel Low Pressure	1
6	10600070	Decal, Regulator, Coolant IN-OUT	1
7	10602605	Decal, HP Fuel Filter	1
8	10602256	Decal, Filter, Bleed Valve	1
9	10602108	Decal, FMM, Danger Vent Pressure	1
10	10602298	Decal, Not A Handle	1
11	10602890	Decal Kit, Gillig	1



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Electrical Components



Item	Service p/n	Description	QTY
1	20101410	Electronic Control Unit (ECU), Gillig	1
2	10404019	Pressure Transducer	1
3*	10400117	Wire Harness, Transducer	1
4*	10400116	Wire Harness, Gillig FMM	1
5*	10400444	Wire Harness, Supply Solenoid Valve (SSV)	1

**Not illustrated*

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Parts Orders
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