



20,000 km or 12 Months Service Schedule

CNG System - Dual Fuel Vehicle - N-series (4HK1) and F-series (4HK1 / 6HK1 / 6UZ1)

**PLEASE NOTE:**

- This Service Schedule must be used in addition to the Standard Service Schedule to constitute a complete vehicle service.
- This Service Schedule will have preference over the Owner's Manual and Warranty & Service Guide (Refer to updated date).
- Consult the Owner/Customer prior to any additional work being carried out as an additional cost will be charged for items not covered under warranty.

Job Card No.:		Date:		Model:													
Customer Name:		VIN:		KM Reading:													
Service Advisor:		Authorisation No.:		Technician (Print):													
I = Inspection-after inspection clean and correct, or replace as necessary		SERVICE INTERVAL every KMs (x1000)		20	40	60	80	100	120	140	160	180	200	220	240		
R = Replace A = Adjust T = Torque		or MONTHS, whichever occurs first		12	24	36	48	60	72	84	96	108	120	132	144		
L = Lubricate C = Clean		Labour hrs.		1	1	1	1	1	1	1	1	1	1	1	1	OK	NOT OK
1	Gas cylinder bracket	Mounting and bracket		I	I	I	I	I	I	I	I	I	I	I	I		
2	Bolts of gas cylinder bracket	Check tightness		I/T	I/T	I/T	I/T	I/T	I/T	I/T	I/T	I/T	I/T	I/T	I/T		
3	Rubber of gas cylinder bracket	Confirm present and not worn		I	I	I	I	I	I	I	I	I	I	I	I		
4	CNG cylinder/s	Check for rust damages - revalidate if damaged		I	I	I	I	I	I	I	I	I	I	I	I		
5	CNG cylinder valve/s	Check for leaks / damages		I	I	I	I	I	I	I	I	I	I	I	I		
6	High pressure gas pipe / leaks	Check fitment / damage / leaks		I	I	I	I	I	I	I	I	I	I	I	I		
7	High pressure filter	Replace filter when more than 5ml oil is present		I	R	I	R	I	R	I	R	I	R	I	R		
8	Low pressure filter	Replace filter		R	R	R	R	R	R	R	R	R	R	R	R		
9	Temperature sensor on regulator	Check electrical connection / leaks		I	I	I	I	I	I	I	I	I	I	I	I		
10	Valve solenoid on gas cylinder wiring	Check electrical connection		I	I	I	I	I	I	I	I	I	I	I	I		
11	Cylinder cover condition	Check for installation / damages		I	I	I	I	I	I	I	I	I	I	I	I		
12	Thermocouple on exhaust	Check fitment in exhaust / electrical connection		I	I	I	I	I	I	I	I	I	I	I	I		
13	Gas regulator	Check fitment / damage / leaks		I	I	I	I	I	I	I	I	I	I	I	I		
14	Bracket of gas regulator	Check fitment / damage		I	I	I	I	I	I	I	I	I	I	I	I		
15	Wiring of gas regulator	Check electrical connection		I	I	I	I	I	I	I	I	I	I	I	I		
16	Pressure switch on gas regulator	Check electrical connection / leaks		I	I	I	I	I	I	I	I	I	I	I	I		
17	Fuse on supply to 24-12V converter (located at battery)	Check not blown		I	I	I	I	I	I	I	I	I	I	I	I		
18	Bracket of ECU	Check fitment / damage		I	I	I	I	I	I	I	I	I	I	I	I		
19	Wiring of ECU	Check electrical connection		I	I	I	I	I	I	I	I	I	I	I	I		
20	Injector rail/injectors	Check installation / electrical connection		I	I	I	I	I	I	I	I	I	I	I	I		
21	Map sensor	Check electrical connection / leaks		I	I	I	I	I	I	I	I	I	I	I	I		
22	Bracket of injector	Check fitment / damage		I	I	I	I	I	I	I	I	I	I	I	I		
23	Wiring of injectors	Check electrical connection		I	I	I	I	I	I	I	I	I	I	I	I		
24	Leaks on injector pipes	Check for leaks		I	I	I	I	I	I	I	I	I	I	I	I		
25	Vehicle gas system	Check ECU for DTCs		I	I	I	I	I	I	I	I	I	I	I	I		

APPLICABLE FOR SERVICES FROM 240 000 kms to 480 000 kms

I = Inspection-after inspection clean and correct, or replace as necessary		SERVICE INTERVAL every KMs (x1000)		260	280	300	320	340	360	380	400	420	440	460	480		
R = Replace A = Adjust T = Torque		or MONTHS, whichever occurs first		12	24	36	48	60	72	84	96	108	120	132	144		
L = Lubricate C = Clean		Labour hrs.		1	1	1	1	1	1	1	1	1	1	1	1	OK	NOT OK
1	Gas cylinder bracket	Mounting and bracket		I	I	I	I	I	I	I	I	I	I	I	I		
2	Bolts of gas cylinder bracket	Check tightness		I/T	I/T	I/T	I/T	I/T	I/T	I/T	I/T	I/T	I/T	I/T	I/T		
3	Rubber of gas cylinder bracket	Confirm present and not worn		I	I	I	I	I	I	I	I	I	I	I	I		
4	CNG cylinder/s	Check for rust damages - revalidate if damaged		I	I	I	I	I	I	I	I	I	I	I	I		
5	CNG cylinder valve/s	Check for leaks / damages		I	I	I	I	I	I	I	I	I	I	I	I		
6	High pressure gas pipe / leaks	Check fitment / damage / leaks		I	I	I	I	I	I	I	I	I	I	I	I		
7	High pressure filter	Replace filter when more than 5ml oil is present		I	R	I	R	I	R	I	R	I	R	I	R		
8	Low pressure filter	Replace filter		R	R	R	R	R	R	R	R	R	R	R	R		
9	Temperature sensor on regulator	Check electrical connection / leaks		I	I	I	I	I	I	I	I	I	I	I	I		
10	Valve solenoid on gas cylinder wiring	Check electrical connection		I	I	I	I	I	I	I	I	I	I	I	I		
11	Cylinder cover condition	Check for installation / damages		I	I	I	I	I	I	I	I	I	I	I	I		
12	Thermocouple on exhaust	Check fitment in exhaust / electrical connection		I	I	I	I	I	I	I	I	I	I	I	I		
13	Gas regulator	Check fitment / damage / leaks		I	I	I	I	I	I	I	I	I	I	I	I		
14	Bracket of gas regulator	Check fitment / damage		I	I	I	I	I	I	I	I	I	I	I	I		
15	Wiring of gas regulator	Check electrical connection		I	I	I	I	I	I	I	I	I	I	I	I		
16	Pressure switch on gas regulator	Check electrical connection / leaks		I	I	I	I	I	I	I	I	I	I	I	I		
17	Fuse on supply to 24-12V converter (located at battery)	Check not blown		I	I	I	I	I	I	I	I	I	I	I	I		
18	Bracket of ECU	Check fitment / damage		I	I	I	I	I	I	I	I	I	I	I	I		
19	Wiring of ECU	Check electrical connection		I	I	I	I	I	I	I	I	I	I	I	I		
20	Injector rail/injectors	Check installation / electrical connection		I	I	I	I	I	I	I	I	I	I	I	I		
21	Map sensor	Check electrical connection / leaks		I	I	I	I	I	I	I	I	I	I	I	I		
22	Bracket of injector	Check fitment / damage		I	I	I	I	I	I	I	I	I	I	I	I		
23	Wiring of injectors	Check electrical connection		I	I	I	I	I	I	I	I	I	I	I	I		
24	Leaks on injector pipes	Check for leaks		I	I	I	I	I	I	I	I	I	I	I	I		
25	Vehicle gas system	Check ECU for DTCs		I	I	I	I	I	I	I	I	I	I	I	I		

Customer Signature

Date

Technician Signature

I was informed of the service cost & additional items that needs attention.

I hereby confirm that all items have been checked and
and rectified where required.Attach one copy to Customer's Invoice
Attach one copy to Job CardUpdated.
June 2024
Document No.

CNG Dual Fuel / 20



20,000 km or 12 Months Service Schedule

CNG System - Dual Fuel Vehicle - N-series (4HK1) and F-series (4HK1 / 6HK1 / 6UZ1)

**PLEASE NOTE:**

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- This Service Schedule will have preference over the Owner's Manual and Warranty & Service Guide (Refer to updated date).
- Consult the Owner/Customer prior to any additional work being carried out as an additional cost will be charged for items not covered under warranty.

Job Card No.:		Date:		Model:													
Customer Name:		VIN:		KM Reading:													
Service Advisor:		Authorisation No.:		Technician (Print):													
I = Inspection-after inspection clean and correct, or replace as necessary		SERVICE INTERVAL every KMs (x1000)		500	520	540	560	580	600	620	640	660	680	700	720		
R = Replace A = Adjust T = Torque		or MONTHS, whichever occurs first		12	24	36	48	60	72	84	96	108	120	132	144		
L = Lubricate C = Clean		Labour hrs.		1	1	1	1	1	1	1	1	1	1	1	1	OK	NOT OK
1	Gas cylinder bracket	Mounting and bracket		I	I	I	I	I	I	I	I	I	I	I	I		
2	Bolts of gas cylinder bracket	Check tightness		I/T	I/T	I/T	I/T	I/T	I/T	I/T	I/T	I/T	I/T	I/T	I/T		
3	Rubber of gas cylinder bracket	Confirm present and not worn		I	I	I	I	I	I	I	I	I	I	I	I		
4	CNG cylinder/s	Check for rust damages - revalidate if damaged		I	I	I	I	I	I	I	I	I	I	I	I		
5	CNG cylinder valve/s	Check for leaks / damages		I	I	I	I	I	I	I	I	I	I	I	I		
6	High pressure gas pipe / leaks	Check fitment / damage / leaks		I	I	I	I	I	I	I	I	I	I	I	I		
7	High pressure filter	Replace filter when more than 5ml oil is present		I	R	I	R	I	R	I	R	I	R	I	R		
8	Low pressure filter	Replace filter		R	R	R	R	R	R	R	R	R	R	R	R		
9	Temperature sensor on regulator	Check electrical connection / leaks		I	I	I	I	I	I	I	I	I	I	I	I		
10	Valve solenoid on gas cylinder wiring	Check electrical connection		I	I	I	I	I	I	I	I	I	I	I	I		
11	Cylinder cover condition	Check for installation / damages		I	I	I	I	I	I	I	I	I	I	I	I		
12	Thermocouple on exhaust	Check fitment in exhaust / electrical connection		I	I	I	I	I	I	I	I	I	I	I	I		
13	Gas regulator	Check fitment / damage / leaks		I	I	I	I	I	I	I	I	I	I	I	I		
14	Bracket of gas regulator	Check fitment / damage		I	I	I	I	I	I	I	I	I	I	I	I		
15	Wiring of gas regulator	Check electrical connection		I	I	I	I	I	I	I	I	I	I	I	I		
16	Pressure switch on gas regulator	Check electrical connection / leaks		I	I	I	I	I	I	I	I	I	I	I	I		
17	Fuse on supply to 24-12V converter (located at battery)	Check not blown		I	I	I	I	I	I	I	I	I	I	I	I		
18	Bracket of ECU	Check fitment / damage		I	I	I	I	I	I	I	I	I	I	I	I		
19	Wiring of ECU	Check electrical connection		I	I	I	I	I	I	I	I	I	I	I	I		
20	Injector rail/injectors	Check installation / electrical connection		I	I	I	I	I	I	I	I	I	I	I	I		
21	Map sensor	Check electrical connection / leaks		I	I	I	I	I	I	I	I	I	I	I	I		
22	Bracket of injector	Check fitment / damage		I	I	I	I	I	I	I	I	I	I	I	I		
23	Wiring of injectors	Check electrical connection		I	I	I	I	I	I	I	I	I	I	I	I		
24	Leaks on injector pipes	Check for leaks		I	I	I	I	I	I	I	I	I	I	I	I		
25	Vehicle gas system	Check ECU for DTCs		I	I	I	I	I	I	I	I	I	I	I	I		

APPLICABLE FOR SERVICES FROM 740 000 kms to 960 000 kms

I = Inspection-after inspection clean and correct, or replace as necessary		SERVICE INTERVAL every KMs (x1000)		740	760	780	800	820	840	860	880	900	920	940	960		
R = Replace A = Adjust T = Torque		or MONTHS, whichever occurs first		12	24	36	48	60	72	84	96	108	120	132	144		
L = Lubricate C = Clean		Labour hrs.		1	1	1	1	1	1	1	1	1	1	1	1	OK	NOT OK
1	Gas cylinder bracket	Mounting and bracket		I	I	I	I	I	I	I	I	I	I	I	I		
2	Bolts of gas cylinder bracket	Check tightness		I/T	I/T	I/T	I/T	I/T	I/T	I/T	I/T	I/T	I/T	I/T	I/T		
3	Rubber of gas cylinder bracket	Confirm present and not worn		I	I	I	I	I	I	I	I	I	I	I	I		
4	CNG cylinder/s	Check for rust damages - revalidate if damaged		I	I	I	I	I	I	I	I	I	I	I	I		
5	CNG cylinder valve/s	Check for leaks / damages		I	I	I	I	I	I	I	I	I	I	I	I		
6	High pressure gas pipe / leaks	Check fitment / damage / leaks		I	I	I	I	I	I	I	I	I	I	I	I		
7	High pressure filter	Replace filter when more than 5ml oil is present		I	R	I	R	I	R	I	R	I	R	I	R		
8	Low pressure filter	Replace filter		R	R	R	R	R	R	R	R	R	R	R	R		
9	Temperature sensor on regulator	Check electrical connection / leaks		I	I	I	I	I	I	I	I	I	I	I	I		
10	Valve solenoid on gas cylinder wiring	Check electrical connection		I	I	I	I	I	I	I	I	I	I	I	I		
11	Cylinder cover condition	Check for installation / damages		I	I	I	I	I	I	I	I	I	I	I	I		
12	Thermocouple on exhaust	Check fitment in exhaust / electrical connection		I	I	I	I	I	I	I	I	I	I	I	I		
13	Gas regulator	Check fitment / damage / leaks		I	I	I	I	I	I	I	I	I	I	I	I		
14	Bracket of gas regulator	Check fitment / damage		I	I	I	I	I	I	I	I	I	I	I	I		
15	Wiring of gas regulator	Check electrical connection		I	I	I	I	I	I	I	I	I	I	I	I		
16	Pressure switch on gas regulator	Check electrical connection / leaks		I	I	I	I	I	I	I	I	I	I	I	I		
17	Fuse on supply to 24-12V converter (located at battery)	Check not blown		I	I	I	I	I	I	I	I	I	I	I	I		
18	Bracket of ECU	Check fitment / damage		I	I	I	I	I	I	I	I	I	I	I	I		
19	Wiring of ECU	Check electrical connection		I	I	I	I	I	I	I	I	I	I	I	I		
20	Injector rail/injectors	Check installation / electrical connection		I	I	I	I	I	I	I	I	I	I	I	I		
21	Map sensor	Check electrical connection / leaks		I	I	I	I	I	I	I	I	I	I	I	I		
22	Bracket of injector	Check fitment / damage		I	I	I	I	I	I	I	I	I	I	I	I		
23	Wiring of injectors	Check electrical connection		I	I	I	I	I	I	I	I	I	I	I	I		
24	Leaks on injector pipes	Check for leaks		I	I	I	I	I	I	I	I	I	I	I	I		
25	Vehicle gas system	Check ECU for DTCs		I	I	I	I	I	I	I	I	I	I	I	I		

Customer Signature

Date

Technician Signature

I was informed of the service cost & additional items that needs attention.

I hereby confirm that all items have been checked and
and rectified where required.Attach one copy to Customer's Invoice
Attach one copy to Job CardUpdated.
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