



15,000 km or 12 Months Service Schedule

CNG System - Dual Fuel Vehicle - N-series (4JJ1)



PLEASE NOTE:

1. This Service Schedule must be used in addition to the Standard Service Schedule to constitute a complete vehicle service.
2. This Service Schedule will have preference over the Owner's Manual and Warranty & Service Guide (Refer to updated date).
3. 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)		15	30	45	60	75	90	105	120	135	150	165	180		
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 195 000 kms to 360 000 kms

I = Inspection-after inspection clean and correct, or replace as necessary		SERVICE INTERVAL every KMs (x1000)		195	210	225	240	255	270	285	300	315	330	345	360		
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 _____

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

Attach one copy to Customer's Invoice
Attach one copy to Job Card

Technician Signature _____

I hereby confirm that all items have been checked and
and rectified where required.

Updated. June 2024
Document No.
CNG Dual Fuel / 15



15,000 km or 12 Months Service Schedule

CNG System - Dual Fuel Vehicle - N-series (4JJ1)



PLEASE NOTE:

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2. This Service Schedule will have preference over the Owner's Manual and Warranty & Service Guide (Refer to updated date).
3. 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 R = Replace A = Adjust T = Torque L = Lubricate C = Clean		SERVICE INTERVAL every KMs (x1000)		375	390	405	420	435	450	465	480	495	510	525	540		
		or MONTHS, whichever occurs first		12	24	36	48	60	72	84	96	108	120	132	144		
		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 555 000 kms to 720 000 kms

I = Inspection-after inspection clean and correct, or replace as necessary R = Replace A = Adjust T = Torque L = Lubricate C = Clean		SERVICE INTERVAL every KMs (x1000)		555	570	585	600	615	630	645	660	675	690	705	720		
		or MONTHS, whichever occurs first		12	24	36	48	60	72	84	96	108	120	132	144		
		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 _____

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