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2020 Nissan Versa Service and Repair Manual

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Priority**Detected items (DTC)**

- C1F50-82: Side radar front RH
- C1F50-83: Side radar front RH
- C1F50-97: Side radar front RH
- C1F51-29: IPDM E/R
- C1F51-82: IPDM E/R
- C1F51-83: IPDM E/R
- C1F52-54: Driver monitor system circuit
- C1F52-62: Driver monitor system circuit
- C1F52-82: Driver monitor system circuit
- C1F52-83: Driver monitor system circuit
- C1F54-29: E-driven intelligent brake unit circuit
- C1F54-82: E-driven intelligent brake unit circuit
- C1F54-83: E-driven intelligent brake unit circuit
- C1F55-82: Electric parking brake circuit
- C1F55-83: Electric parking brake circuit
- C1F56-04: EPS sub system circuit
- C1F56-82: EPS sub system circuit
- C1F56-83: EPS sub system circuit
- C1F59-04: EPS control unit
- C1F59-64: EPS control unit
- C1F59-82: EPS control unit
- C1F59-83: EPS control unit
- C1F5F-04: Distance sensor
- C1F5F-16: Distance sensor
- C1F5F-4B: Distance sensor
- C1F5F-78: Distance sensor
- C1F5F-82: Distance sensor
- C1F5F-83: Distance sensor
- C1F60-97: VCM system circuit
- C1F62-82: Intelligent key system circuit
- C1F62-83: Intelligent key system circuit
- C1F64-04: Head Up Display unit
- C1F64-08: Head Up Display unit
- C1F64-82: Head Up Display unit
- C1F64-83: Head Up Display unit

Priority**Detected items (DTC)**

- C1F65-04: Sonar control unit
- C1F65-82: Sonar control unit
- C1F65-83: Sonar control unit
- C1F76-49 Steering angle sensor
- C1F76-82: Steering angle sensor
- C1F76-83: Steering angle sensor
- C1F80-11: Steering wheel touch sensor
- C1F80-12: Steering wheel touch sensor
- C1F80-49: Steering wheel touch sensor
- C1F80-55: Steering wheel touch sensor
- C1F80-82: Steering wheel touch sensor
- C1F80-83: Steering wheel touch sensor
- C1F80-86: Steering wheel touch sensor
- C1F80-88: Steering wheel touch sensor
- C1F89-04: Side radar rear LH
- C1F89-82: Side radar rear LH
- C1F89-83: Side radar rear LH
- C1F89-97: Side radar rear LH
- C1F8A-04: Side radar rear RH
- C1F8A-82: Side radar rear RH
- C1F8A-83: Side radar rear RH
- C1F8A-97: Side radar rear RH
- C1F8B-47: HD map module circuit
- C1F8B-62: HD map module circuit
- C1F90-04: ADAS control unit 2 circuit
- C1F90-97: ADAS control unit 2 circuit
- C1F92-64: EPS sub system circuit
- C1F93-29: E-driven intelligent brake unit circuit
- C1F93-64: E-driven intelligent brake unit circuit
- C1F94-54: BSW system circuit
- C1F95-11: System BU func power supply circ
- C1F96-29: CONTROL UNIT
- U1327-52: MAC key update
- U1327-54: MAC key update
- U19B0-87: LIN comm err (Touch sensor)

Priority**Detected items (DTC)**

- U19B1-87: CAN comm err (CCM)
- U19B2-87: LIN comm err
- U19B4-87: CAN comm err (AVM)
- U19B5-87: CAN comm err (BCM)
- U19B6-87: CAN comm err (VCM/HPCM)
- U19B7-87: CAN comm err (VCM)
- U19B8-87: CAN comm err (EPS control unit)
- U19B9-87: CAN comm err (ABS/TCS/VDC)
- U19BA-87: CAN comm err (Parking brake)
- U19BB-87: CAN comm err (Front camera unit)
- U19BC-87: CAN comm err (Side radar rear LH)
- U19BD-87: CAN comm err (Side radar rear RH)
- U19BE-87: CAN comm err (VCM/HPCM)
- U19BF-87: CAN comm err (AVM)
- U19C1-87: Ethernet comm err (Distance sensor)
- U19C2-87: Ethernet comm err (AVM)
- U19C3-87: Ethernet comm err (Distance sensor)
- U19C5-87: Ethernet comm err (HD map module)
- U19C6-87: Ethernet comm err (Front camera)
- U19C7-87: Ethernet comm err (HD map module)
- U19C8-87: Ethernet comm err (Front camera)
- U19C9-87: CAN comm err (Side radar front LH)
- U19CA-87: CAN comm err (Side radar front RH)
- U19D0-87: CAN comm err (BCM)
- U19D1-87: CAN comm err (CCM)
- U19D2-87: CAN comm err (VCM)
- U19D3-87: CAN comm err (Sonar control unit)
- U19D4-87: CAN comm err (ABS/TCS/VDC)
- U19D5-87: CAN comm err (EPS control unit)
- U19D6-87: CAN comm err (Combination meter)
- U19D7-87: CAN comm err (Steering angle sen)
- U19D8-87: CAN comm err (IPDM E/R)
- U2112-87: CAN comm err (brake unit)
- U2118-87: CAN comm err (Intelligent Key)
- U2140-87: CAN comm err (ECM)

Priority**Detected items (DTC)**

- U2143-87: CAN comm err (VCM/HCM)
- U2148-87: CAN comm err (brake control unit)
- U214E-87: CAN comm err (combination meter)
- U214F-57: CAN comm err (BCM)
- U214F-87: CAN comm err (BCM)
- U2150-87: CAN comm err (AIRBAG)
- U2153-87: CAN comm err (HVAC)
- U2154-87: CAN comm err (MIU)
- U2155-87: CAN comm err (parking brake)
- U2159-87: CAN comm err (steering control unit)
- U2175-57: CAN comm err (AVM)
- U2175-87: CAN comm err (AVM)
- U2176-57: CAN comm err (CCM/ST angle sensor)
- U2176-87: CAN comm err (CCM/ST angle sensor)
- U2193-87: CAN comm err (ADP driver seat)
- U226B-87: CAN comm err (front camera)
- U229D-87: CAN comm err (DMC)
- U236C-87: CAN comm err (side radar)
- U236E-87: CAN comm err (side radar)
- U2375-87: CAN comm err (AVM)
- U2440-87: CAN comm err (ECM)
- U2443-87: CAN comm err (VCM/HCM)
- U2448-87: CAN comm err (ABS control unit)
- U244E-87: CAN comm err (combination meter)
- U244F-57: CAN comm err (BCM)
- U244F-87: CAN comm err (BCM)
- U2454-87: CAN comm err (MIU)
- U2456-87: CAN comm err (ST angle sensor)
- U2459-87: CAN comm err (EPS control unit)
- U245B-87: CAN comm err (IPDM E/R)
- U2465-57: CAN comm err (sonar control unit)
- U2465-87: CAN comm err (sonar control unit)
- U2475-87: CAN comm err (AVM)
- U2476-57: CAN comm err (CCM)
- U2476-87: CAN comm err (CCM)

Priority	Detected items (DTC)
	<ul style="list-style-type: none">• U2589-87: CAN comm err (side radar)• U258A-87: CAN comm err (side radar)• U2612-87: CAN comm err (E-drvn intllgnt brk)• U2648-87: CAN comm err (ABS)• U2673-87: CAN comm err (HUD unit)• U26AA-87: CAN comm err (EPS control unit)• U2752-88: Ethernet circuit (Distance sensor)• U2A0B-88: Comm Bus Off CH2-CAN• U2B52-88: Ethernet comm err

Sample

Self Diagnostic Result

DTC		Items (CONSULT screen terms)	Fail-safe													Reference	
			Vehicle speed & vehicle- to- vehicle control function	Lane keep function *1	Lane keep function *2	Lane change support function	Overtaking support function	Route driving support function	AEB	RAB	I- FCW	I- LI	I- BSI	TSR	I- DA		
C1655	62	Electric parking brake circuit	×	×	×	×	×	×	—	—	—	—	—	—	—	DTC Description	
C1F00	44	CONTROL UNIT	×	×	×	×	×	×	×	×	×	×	×	×	×	DTC Description	
	45		×	×	×	×	×	×	×	×	×	×	×	×	×	DTC Description	
	46		×	×	×	×	×	×	×	×	×	×	×	×	×	×	DTC Description
	47		×	×	×	×	×	×	×	×	×	×	×	×	×	×	DTC Description
	49		×	×	×	×	×	×	×	×	×	×	×	×	×	×	DTC Description
	4B		×	×	×	×	×	×	×	×	×	×	×	×	×	×	DTC Description
	54		—	×	×	×	×	×	×	—	—	—	—	—	—	—	DTC Description
	71		—	—	—	—	—	—	—	—	—	—	—	—	—	—	DTC Description
87	×	×	×	×	×	×	×	×	×	×	×	×	×	×	DTC Description		
C1F02	16	POWER SUPPLY CIR	×	×	×	×	×	×	×	×	×	×	×	×	—	DTC Description	
	17		×	×	×	×	×	×	×	×	×	×	×	×	—	DTC Description	
C1F03	23	OPERATION SW CIRC	×	×	×	×	×	×	×	×	×	×	×	×	—	DTC Description	
	62		×	×	×	×	×	×	×	×	×	×	×	×	—	DTC Description	
	72		×	×	×	×	×	×	×	×	×	—	—	×	—	DTC Description	
C1F04	48	FEB OPE COUNT LIMIT	—	—	×	×	×	×	×	×	×	—	—	×	—	DTC Description	
	61		×	×	×	×	×	×	×	×	×	—	—	×	—	DTC Description	
C1F05	04	Front camera unit	—	×	×	×	×	×	×	×	×	×	×	×	—	DTC Description	
	49		—	×	×	×	×	×	×	×	×	×	×	×	—	DTC Description	
	4B		—	×	×	×	×	×	×	×	×	×	×	×	—	DTC Description	
	54		—	×	×	×	×	×	×	×	×	×	×	×	—	DTC Description	
	64		—	—	×	×	×	×	×	—	—	—	—	—	—	DTC Description	
	82		—	×	×	×	×	×	×	×	×	×	×	×	×	—	DTC Description
	83		—	×	×	×	×	×	×	×	×	×	×	×	×	—	DTC Description
97	—	×	×	×	×	×	×	×	×	×	×	×	×	—	DTC Description		

DTC		Items (CONSULT screen terms)	Fail-safe													Reference
			Vehicle speed & vehicle- to- vehicle control function	Lane keep function *1	Lane keep function *2	Lane change support function	Overtaking support function	Route driving support function	AEB	RAB	I- FCW	I- LI	I- BSI	TSR	I- DA	
C1F36	55	CONFIG UNFINISHED	x	x	x	x	x	x	x	x	x	x	x	x	x	DTC Description
C1F37	55	Switch information	x	x	x	x	x	x	x	x	x	x	x	x	x	DTC Description
C1F40	82	ECM	x	x	x	x	x	x	x	x	x	x	x	x	—	DTC Description
	83		x	x	x	x	x	x	x	x	x	x	x	x	—	DTC Description
C1F42	82	TCM	x	x	x	x	x	x	x	x	x	x	x	x	—	DTC Description
	83		x	x	x	x	x	x	x	x	x	x	x	x	—	DTC Description
C1F43	04	Around view control unit	—	—	x	x	x	x	—	—	—	—	—	x	—	DTC Description
	82		—	—	x	x	x	x	—	—	—	—	—	—	—	DTC Description
	83		—	—	x	x	x	x	—	—	—	—	—	—	—	DTC Description
C1F44	29	BCM	—	—	x	x	x	x	—	—	—	—	—	—	—	DTC Description
	82		x	x	x	x	x	x	x	x	x	x	x	x	DTC Description	
	83		x	x	x	x	x	x	x	x	x	x	x	x	DTC Description	
C1F45	64	CCM	x	x	x	x	x	x	x	x	x	x	x	x	x	DTC Description
	82		x	x	x	x	x	x	x	x	x	x	x	—	DTC Description	
	83		x	x	x	x	x	x	x	x	x	x	x	x	—	DTC Description
C1F46	04	VCM/HPCM	x	x	x	x	x	x	x	x	x	x	x	x	—	DTC Description
	24		—	—	—	—	—	—	—	—	—	—	—	—	—	DTC Description
	29		—	—	x	x	x	x	—	—	—	—	—	—	—	DTC Description
	62		—	—	—	—	—	—	—	—	—	—	—	—	—	DTC Description
	82		x	x	x	x	x	x	x	x	x	x	x	x	x	DTC Description
	83		x	x	x	x	x	x	x	x	x	x	x	x	x	DTC Description
	97		x	x	x	x	x	x	x	x	x	—	—	x	—	DTC Description
C1F47	04	Combination meter	x	x	x	x	x	x	—	—	—	—	—	—	—	DTC Description
	08		x	x	x	x	x	x	—	—	—	—	—	—	—	DTC Description
	29		—	—	x	x	x	x	—	—	—	—	—	—	—	DTC Description
	82		x	x	x	x	x	x	x	x	x	x	x	x	DTC Description	
	83		x	x	x	x	x	x	x	x	x	x	x	x	DTC Description	

DTC		Items (CONSULT screen terms)	Fail-safe													Reference
			Vehicle speed & vehicle- to- vehicle control function	Lane keep function *1	Lane keep function *2	Lane change support function	Overtaking support function	Route driving support function	AEB	RAB	I- FCW	I- LI	I- BSI	TSR	I- DA	
C1F48	04	ABS/TCS/VDC CIRC	x	x	x	x	x	x	x	x	x	x	x	x	—	DTC Description
	29		x	x	x	x	x	x	x	x	x	x	x	x	—	DTC Description
	64		x	x	x	x	x	x	x	x	x	x	x	x	x	DTC Description
	82		x	x	x	x	x	x	x	x	x	x	x	x	—	DTC Description
	83		x	x	x	x	x	x	x	x	x	x	x	x	—	DTC Description
	86		x	x	x	x	x	x	x	x	x	x	x	x	—	DTC Description
C1F49	04	Side radar front LH	—	—	—	—	—	—	—	—	—	—	—	—	—	DTC Description
	82		—	—	x	x	x	x	—	—	—	—	—	—	DTC Description	
	83		—	—	x	x	x	x	—	—	—	—	—	—	DTC Description	
	97		—	—	x	x	x	x	—	—	—	—	—	—	DTC Description	
C1F50	82	Side radar front RH	—	—	x	x	x	x	—	—	—	—	—	—	DTC Description	
	83		—	—	x	x	x	x	—	—	—	—	—	DTC Description		
	97		—	—	x	x	x	x	—	—	—	—	—	DTC Description		
C1F51	29	IPDM E/R	—	—	—	—	—	—	—	—	—	—	—	—	DTC Description	
	82		—	—	x	x	x	x	—	x	—	—	—	—	DTC Description	
C1F51	83	IPDM E/R	—	—	x	x	x	x	—	x	—	—	—	—	DTC Description	
C1F52	54	Driver monitor system circuit	—	—	x	x	x	x	—	—	—	—	—	—	DTC Description	
	62		—	—	x	x	x	x	—	—	—	—	—	DTC Description		
	82		—	—	x	x	x	x	—	—	—	—	—	—	DTC Description	
	83		—	—	x	x	x	x	—	—	—	—	—	—	DTC Description	
C1F54	29	E-driven intelligent brake unit circuit	—	—	x	x	x	x	—	—	—	—	—	—	DTC Description	
	82		x	x	x	x	x	x	x	x	x	x	—	DTC Description		
	83		x	x	x	x	x	x	x	x	x	x	x	—	DTC Description	
C1F55	82	Electric parking brake circuit	x	x	x	x	x	x	—	—	—	—	—	—	DTC Description	
C1F55	83	Electric parking brake circuit	x	x	x	x	x	x	—	—	—	—	—	—	DTC Description	
C1F56	04	EPS sub system circuit	—	—	x	x	x	x	—	—	—	—	—	—	DTC Description	
	82		—	—	x	x	x	x	—	—	—	—	—	—	DTC Description	

DTC		Items (CONSULT screen terms)	Fail-safe													Reference	
			Vehicle speed & vehicle- to- vehicle control function	Lane keep function *1	Lane keep function *2	Lane change support function	Overtaking support function	Route driving support function	AEB	RAB	I- FCW	I- LI	I- BSI	TSR	I- DA		
	83		—	—	×	×	×	×	—	—	—	—	—	—	—	DTC Description	
C1F59	04	EPS control unit	×	×	×	×	×	×	×	×	×	×	×	×	—	DTC Description	
	64		×	×	×	×	×	×	×	×	×	×	×	×	—	DTC Description	
	82		×	×	×	×	×	×	×	×	×	×	×	×	×	—	DTC Description
	83		×	×	×	×	×	×	×	×	×	×	×	×	×	—	DTC Description
C1F5F	04	Distance sensor	×	×	×	×	×	×	×	—	×	—	—	×	—	DTC Description	
	16		×	×	×	×	×	×	×	—	×	—	—	×	—	DTC Description	
	4B		×	×	×	×	×	×	×	—	×	—	—	×	—	DTC Description	
	78		×	×	×	×	×	×	×	—	×	—	—	×	—	DTC Description	
	82		×	×	×	×	×	×	×	—	×	—	—	×	—	DTC Description	
	83		×	×	×	×	×	×	×	—	×	—	—	×	—	DTC Description	
C1F60	97	VCM system circuit	×	×	×	×	×	×	×	×	—	—	×	—	DTC Description		
C1F62	82	Intelligent key system circuit	—	—	—	—	—	—	—	—	—	—	—	—	—	DTC Description	
	83		—	—	—	—	—	—	—	—	—	—	—	—	—	DTC Description	
C1F64	04	Head Up Display unit	—	—	×	×	×	×	—	—	—	—	—	—	—	DTC Description	
	08		—	—	×	×	×	×	—	—	—	—	—	—	—	DTC Description	
	82		—	—	×	×	×	×	—	—	—	—	—	—	—	DTC Description	
	83		—	—	×	×	×	×	—	—	—	—	—	—	—	DTC Description	
C1F65	04	Sonar control unit	—	—	×	×	×	×	×	×	×	—	—	×	—	DTC Description	
	82		—	—	×	×	×	×	×	×	×	—	—	×	—	DTC Description	
	83		—	—	×	×	×	×	×	×	×	—	—	×	—	DTC Description	
C1F76	49	Steering angle sensor	×	×	×	×	×	×	×	×	×	—	×	×	—	DTC Description	
	82		×	×	×	×	×	×	×	×	×	—	×	×	—	DTC Description	
	83		×	×	×	×	×	×	×	×	×	—	×	×	—	DTC Description	
C1F80	11	Steering wheel touch sensor	—	×	×	×	×	×	—	—	—	—	—	—	—	DTC Description	
	12		—	—	—	—	—	—	—	—	—	—	—	—	—	DTC Description	
	49		—	×	×	×	×	×	—	—	—	—	—	—	—	DTC Description	