

Crankshaft / Camshaft Position Sensors Sensores de Cigüeñal / Leva



New-Era Co., Ltd.

February, 2023

Ref. No.	New-Era No.
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NISSAN / INFINITI	
23731-4M500	NCS-N001
23731-4M502	NCS-N001
23731-4M505	NCS-N001
23731-4M506	NCS-N001
23731-4M50A	NCS-N001
23731-4M50B	NCS-N001
23731-4M50C	NCS-N001
23731-5M001	NCS-N001
23731-6J902	NCS-N002
23731-6J905	NCS-N002
23731-6J906	NCS-N002
23731-6J90A	NCS-N002
23731-6J90B	NCS-N002
23731-6J90C	NCS-N002
23731-7Y000	NCS-N003
23731-7Y001	NCS-N003
23731-AL615	NCS-N003
23731-AL616	NCS-N003
23731-AL61A	NCS-N003
23731-AL60A	NCS-N004
23731-AL60C	NCS-N004
23731-6N206	NCS-N005
23731-6N202	NCS-N005
23731-6N20A	NCS-N005
23731-6N20B	NCS-N005
23731-6N20C	NCS-N005
23731-6N20D	NCS-N005
23731-6N21A	NCS-N005
23731-8J005	NCS-N005
23731-8J006	NCS-N005
23731-6N21A	NCS-N005
23731-1VA0A	NCS-N006
23731-EN20A	NCS-N006
23731-31U10	NCS-N007
23731-31U11	NCS-N007
23731-ED02A	NCS-N008
23731-ED02B	NCS-N008
23731-ED02C	NCS-N008
23731-AW410	NCS-N009
23731-EC00A	NCS-N009

Ref. No.	New-Era No.
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TOYOTA / LEXUS	
90919-05050	NCS-T001
90919-05070	NCS-T002
90919-A5004	NCS-T002
90919-05047	NCS-T003
90919-05007	NCS-T004
90919-05071	NCS-T005
90919-05021	NCS-T006
029600-0371	NCS-T006
029600-0372	NCS-T006
90080-19014	NCS-T007
90919-05026	NCS-T007
90919-05045	NCS-T008
90919-05081	NCS-T008
90919-05087	NCS-T008

MITSUBISHI	
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MR420734	NCS-M001
J005T26273	NCS-M001
J5T26273	NCS-M001
ME226858	NCS-M002
0 281 002 929	NCS-M002
ME225366	NCS-M003
0 281 002 807	NCS-M003
MD327107	NCS-M004
MR985041	NCS-M005
J5T3147	NCS-M005

MAZDA	
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FSD-18-221	NCS-Z001
ZL01-18-221	NCS-Z001
ZL01-18-221A	NCS-Z001
J005T27072	NCS-Z001
J5T27072	NCS-Z001
FSD7-18-221B	NCS-Z002
FSD7-71-1621	NCS-Z002
PE01-18-221	NCS-Z003

Ref. No.	New-Era No.
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HONDA / ACURA	
37840-RJH-006	NCS-H001
37840-PLC-006	NCS-H001
37840-PLC-000	NCS-H001

SUZUKI / SUBARU	
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33220-70E00	NCS-S001
J5T10771	NCS-S001

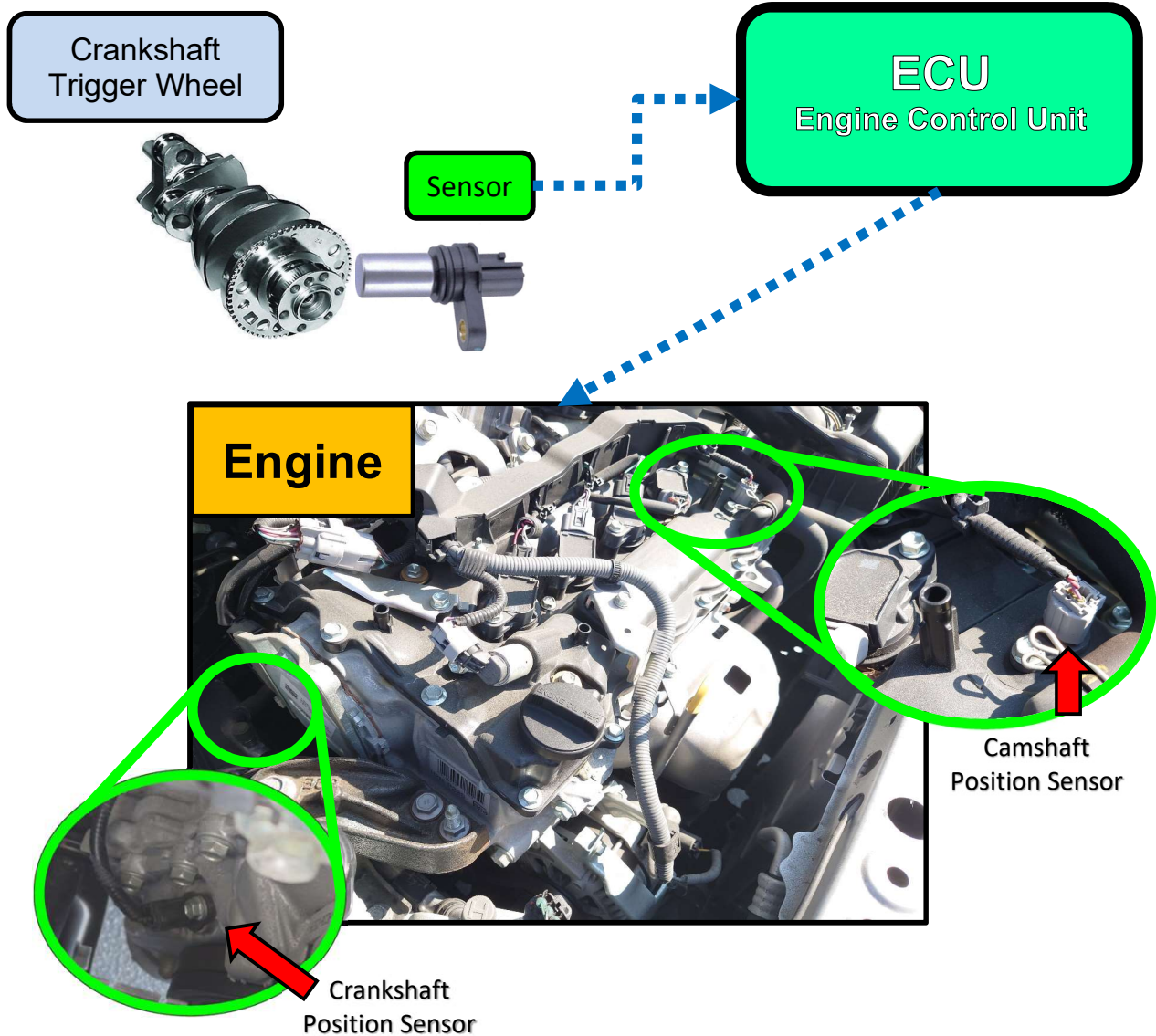
HYUNDAI / KIA	
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96183235	NCS-X001
39180-22600	NCS-X002
25182450	NCS-X003
96253544	NCS-X004
39180-2B000	NCS-X005
39180-25200	NCS-X006
39180-25300	NCS-X006
39180-26900	NCS-X007
0K30A-18891	NCS-X008
39310-38070	NCS-X009
39318-39800	NCS-X010
96325867	NCS-X011
96325868	NCS-X012
39350-2B000	NCS-X013
39350-2B010	NCS-X013
39350-2B030	NCS-X013
39350-02710	NCS-X014
39350-02800	NCS-X014

Crankshaft / Camshaft Position Sensor

FUNCTION

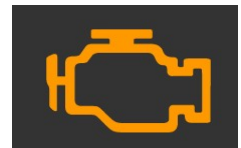
The crankshaft / camshaft position sensor is one of the most critical aspects of your car. It monitors the rotational speed (RPM) and position of the crankshaft / camshaft in the engine, reporting this information to the engine control unit (ECU) to govern fuel injection, ignition system timing, and other engine characteristics.



TROUBLESHOOTING

The crankshaft/camshaft position sensor continuously interacts with the ECU. Therefore, if a problem occurs with the sensor, such as sending incorrect information to the ECU, the 'Check Engine' light on the dashboard will turn on.

Look for an error code (such as P0335, P0385, etc...) using the on-board diagnostics (OBD).



- Trouble Starting
- Rough Idling
- Engine Stalling
- Poor Gas Mileage
- Uneven Acceleration

NISSAN / INFINITI

New-Era No.	Ref. No.	Car Maker	Car Model	Engine Model	Model Year
NCS-N001 	23731-4M500 23731-4M502 23731-4M505 23731-4M506 23731-4M50A 23731-4M50B 23731-4M50C 23731-5M001	NISSAN	MARCH SUNNY PRIMERA CUBE CIMA SYLPHY etc.	CR10/12/14 QG13/15/18 QG18 CR14 VK45 QG15/18	'02- '98- '98- '02- '01-'10 '00-
NCS-N002 	23731-6J902 23731-6J905 23731-6J906 23731-6J90A 23731-6J90B 23731-6J90C	NISSAN	MARCH PRIMERA CUBE SKYLINE ELGRAND TEANA etc.	CR10/12/14 QG18 CR14 VQ35 VQ25 VQ23/35	'03- '03- '02- '03-'07 '04-'10 '03
NCS-N003 	23731-7Y000 23731-7Y001 23731-AL615 23731-AL616 23731-AL61A	NISSAN INFINITI	ARMADA FRONTIER ALTIMA XTERRA PATHFINDER FX35	VQ40DE VQ35DE	'02-'06 '05-'17 '02-'06 '05-'14 '05 '03-'08
NCS-N004 	23731-AL60A 23731-AL60C	NISSAN INFINITI	350Z ALTIMA MAXIMA MURANO PATHFINDER QUEST F35 GX35 I35 M35	VQ35DE VQ35DE VQ35DE VQ35DE VQ35DE VQ35DE VQ35DE VQ35DE VQ35DE VQ35DE	'03-'06 '02-'06 '02-'08 '03-'08 '03-'04 '04-'06 '03-'08 '03-'07 '02-'04 '06-'08
NCS-N005 	23731-6N206 23731-6N202 23731-6N20A 23731-6N20B 23731-6N20C 23731-6N20D 23731-8J005 23731-8J006	NISSAN	ALTIMA PRIMERA X-TRAIL	QR25DE QR20DE QR20DE	'06- '02- '01-'13
NCS-N006 	23731-1VA0A 23731-EN20A	NISSAN	TIIDA X-TRAIL QASHQUAI NV200 SENTRA	MR18DE MR20DE MR20DE, HR16DE HR16DE MR20DE	'07-'12 '07-'12 '07-'13 '13-'20 '07-'12
NCS-N007 	23731-31U10 23731-31U11	NISSAN INFINITI	MAXIMA PATHFINDER CEDRIC I30 QX4	VQ20DE VQ30DE VQ35DE VQ35DE VQ30DE VQ30DE VQ20DE, VQ30DE VQ35DE	'00-'03 '95-'01 '02 '01-'02 '92-'95 '96-'01 '95-'00 '01-'03
NCS-N008 	23731-ED02A 23731-ED02B 23731-ED02C	NISSAN	CUBE JUKE MICRA NOTE NV200 QASHQUAI TIIDA	HR16DE HR16DE HR16DE HR16DE, HR12DE HR16DE HR16DE HR16DE	'10 '18 '05-'10 '06-'13 '10 '07-'13 '07-'12
NCS-N009 	23731-AW410 23731-EC00A	NISSAN	ALMERA CABSTAR MURANO NAVARA NT400 PATHFINDER PRIMERA X-TRAIL	YD22DDT (i) YD25DDTi YD25DDTi YD25DDTi YD25DDTi YDE5K3KD-5LD YD25DDTi YD22DDT YD22DDT (i)	'03-'06 '06-'14 '10-'14 '02-'10 '14 '05 '02-'07 '01-'13

New!!

TOYOTA / LEXUS

New-Era No.	Replace No.	Car Maker	Car Model	Engine Model	Model Year
NCS-T001 	90919-05050	TOYOTA	HILUX HIACE INNOVA DYNA LAND CRUISER	1KD-FTV, 2KD-FTV 2KD-FTV 2KD-FTV 1KD-FTV 2KD-FTV 1KD-FTV	'01- '01-'12 '03- '06- '01- '02-'10
NCS-T002 	90919-05070 90919-A5004	TOYOTA LEXUS	AURIS AVENSIS PRIUS RAV4 CAMRY COROLLA YARIS / VITZ GS CT RC NX	1ZR-FAE/FE, 2ZR-FXE/FE 1ZR/2ZR-FAE, 3ZR-FAE/FE 2ZR-FXE 2AR-FE, 3ZR-FAE/FE 2AR-FXE/FE 1ZR-FAE/FE, 2ZR-FBE/FE 2ZR-FE 2AR-FSE 2ZR-FXE 2AR-FSE 2AR-FXE	'06-'18 '09-'18 '08-'21 '08-'13 '10-'20 '06-'14 '07-'11 '10-'20 '14-'18 '14-'18 '13-'18
NCS-T003 	90919-05047	TOYOTA	ALPHARD AVENSIS CAMRY COROLLA HARRIER RAV4	2AZ-FE 1AZ-FSE, 2AZ-SFE 3S-FE 1CD-FTV 2AZ-FE 3S-FE 1AZ-FE	'03-'14 '00-'08 '86-'91 '00-'07 '00-'12 '97-'00 '00-'06
NCS-T004 	90919-05007	TOYOTA LEXUS	CELICA COUPE COROLLA SUPRA GS300 IS300	2ZZ-GE 2ZZ-GE 2JZ-GTE 2JZ-GE 2JZ-GE	'99-'05 '02-'07 '93-'02 '97-'04 '01-'05
NCS-T005 	90919-05071	TOYOTA LEXUS	LAND CRUISER GS ISC, LC LS LX RX	1UR-FE 1UR-FE, 2UR-GSE 2UR-GSE 1UR-FE, 1UR-FSE 3UR-FE 2GR-FX5	'10-'18 '07-'18 '07-'18 '06-'18 '07-'18 '15-'18
NCS-T006 	90919-05021 029600-0371 029600-0372	TOYOTA	LAND CRUISER 4RUNNER T100 TACOMA TUNDRA	5VZ-FE 5VZ-FE 5VZ-FE 5VZ-FE 5VZ-FE	'96-'02 '95-'02 '94-'98 '95-'04 '99-'04
NCS-T007 	90080-19014 90919-05026	TOYOTA LEXUS	CAMRY COROLLA TACOMA SIENTA CELICA MATRIX HIGHLANDER ES300 ES330 HS350h RX300	1AZ, 2AZ 3ZZ 2RZ, 3RZ 1MZ, 3MZ 1ZZ 2AZ 2AZ, 3MZ 1MZ, 3MZ 1MZ, 3MZ 2AZ-FXZ 1MZ	'02-'11 '98-'10 '95-'04 '01-'06 '00-'05 '03-'13 '00-'04 '98-'03 '04-'06 '10-'12 '99-'03
NCS-T008 	90919-05045 90919-05081 90919-05087	TOYOTA	AURIS PRIUS WILL CYPHA YARIS VERSO YARIS/VITZ	1NZ-FE 1NZ-FXE 1NZ-FE, 2NZ-FE 1NZ-FE, 2NZ-FE 1NZ-FE 2NZ-FE 1NZ-FXE	'06-'12 '03-'09 '01-'05 '99-'05 '01-'05 '99-'05 '12

MITSUBISHI / MAZDA / HONDA / SUZUKI / SUBARU








New-Era No.	Replace No.	Car Maker	Car Model	Engine Model	Model Year
NCS-M001 	MR420734 J005T26273 J5T26273	mitsubishi	LANCER SPACE STAR CARISMA COLT MIRAGE	4G13, 4G92 4G18 4G13, 4G18 4G92 4G13, 4G92 4G13	'90-'03 '03-'08 '98-'01 '95-'06 '88-'03 '95-'03
NCS-M002 	ME226858 0 281 002 929	mitsubishi	CANTER	4M42	'06-
NCS-M003 	ME225366 0 281 002 807	mitsubishi	EXCAVATOR CANTER ROSA	4M50	'05-'10 '01~'19
NCS-M004 	MD327107	mitsubishi	LANCER MK LANCER MK IV LANCER SALOON	4G15 4G15 4G63 TURBO	'83-'90 '88-'92 '98-'01 '04 '06
NCS-M005 	MR985041 J5T3147	mitsubishi SMART	COLT COLT VI LANCER VII FORFOUR	4A91 3A91, 4A91 4A91 M 134.910/911 M 135.950	'06-'09 '04-'12 '08, '10 '04-'06 '04-'06
NCS-Z001 	FSD-18-221 ZL01-18-221 ZL01-18-221A J005T27072 J5T27072	MAZDA	MAZDA 323 DEMIO MX-5 / MIATA	FP55, ZL05;ZL06, RF3F, RF1G, ZM B3ME, B5E	'98-'04 '98-'03 '98-'05
NCS-Z002 	FSD7-18-221B FSD7-71-1621	MAZDA	626 323 MPV PREMACY	FP, FP9A, FPY3, FS, RF3F B3ME, FP, RF1G, RF3F, ZL05 FS, FSDS FP, FS7G, RF3F	'97-'02 '98-'04 '99-'02 '99-'05
NCS-Z003 	PE01-18-221	MAZDA	MAZDA2 MAZDA3 MAZDA6 CX-3 CX-5 MX-5	P5-, S5- P5-, PE-, SH- S5-, S8-, HF- PR-, PY-, SH- S5-, S8-, PE- PE-, PY-, SH- P5-, PE-	'14-'18 '13-'14 '16-'19 '12-'18 '15-'18 '11-'18 '15-'18
NCS-H001 	37840-RJH-006 37840-PLC-006 37840-PLC-000	HONDA ACURA	CIVIC VII COUPE FR-V STREAM EL	D17A1/2/5/6/7/8 D17A2 D17A2 D17A2	'01-'05 '04 '01 '04-'05
NCS-S001 	33220-70E00 J5T10771	SUZUKI SUBARU	BALENO SWIFT VITARA X-90 WAGON R JUSTY	G16B G13A/B G16B G16B G13BB EF13 G13BB	'95-'02 '85-'01 '98-'02 '95-'97 '06-'21 '95-'10 '01-'13

New!!

DAEWOO / CHEVROLET / HYUNDAI / KIA

New-Era No.	Replace No.	Car Maker	Car Model	Engine Model	Model Year
NCS-X001 	96183235	DAEWOO	LANOS NUBIRA	A14SMS A16DMS	'97-'02 '99-'05
NCS-X002 	39180-22600	HYUNDAI KIA	ACCENT COUPE ELANTRA GETZ MATRIX RIO	G4EH G4ED-G G4ED-G G4EA, G4ED-G, G4EE G4ED-G	'94-'00 '06-'09 '00-'06 '02-'09 '01-'06 '06-'11
NCS-X003 	25182450	CHEVROLET / DAEWOO	AVEO / KALOS OPTRA / LACETTI VIVANT / TACUMA CRUZE NUBIRA	F14D3, F15S3 F16D3, LXT F18D2, F18S2 F16D3, LXT, LXV A16DMS F14D3, F16D3	'03-'06 '03-'08 '00 '09 '99-'02 '02-'04
NCS-X004 	96253544	CHEVROLET / DAEWOO	AVEO LACETTI TACUMA	F12S3, F14D3 F16D3, T18SED A16DMS, A18DMS X20SED	'06 '05 '00 '01
NCS-X005 	39180-2B000	HYUNDAI KIA	ELANTRA ACCENT VELOSTER SONATA RIO SOUL FORTE FORTE KOUP	G4NB-B, G4FG, G4FC G4FA, G4FC (1.6L) G4KD, G4NA (1.6L) (1.6L) (1.8L, 2.0L) (2.0L)	'10-'16 '10- '12-'15 '09-'14 '12-'14 '09-'15 '14-'15 '14-'15
NCS-X006 	39180-25200 39180-25300	HYUNDAI KIA	IX35 SANTA FE SONATA SANTA TUCSON FORTE OPTIMA RONDO SORENTO SPORTAGE	G4KD G4KE G4KC, G4KD G4KC G4KC G4KC G4KC G4KC G4KC G4KC	'10 '10-'12 '06-'14 '10-'14 '10-'13 '10-'13 '06-'14 '07-'10 '11-'14 '11-'14
NCS-X007 	39180-26900	HYUNDAI KIA	ACCENT COUPE ELANTRA GETZ MATRIX CERATO RIO	G4EA/B/C/D/E/H/K, G4ER G4ED-G, G4GR G4ED-G, G4GR G4EA, G4ED-G, G4EE G4ED-G G4ED G4ED/E	'00-'11 '98-'09 '00-'06 '02-'10 '01-'10 '04- '05-

DAEWOO / CHEVROLET / HYUNDAI / KIA

New-Era No.	Replace No.	Car Maker	Car Model	Engine Model	Model Year
NCS-X008 	0K30A-18891	KIA	RIO SEDONA	A3E, A5D K5, KV6	'01-'05 '01-'06
NCS-X009 	39310-38070	HYUNDAI KIA	SANTA FE SONATA OPTIMA SORENTO	G4JS-G, G4BP, G4JP G4JS GS4JS GS4JS	'01-'06 '99-'05 '01-'06 '02-
NCS-X010 	39318-39800	KIA	SORENTO	G6AU G6CU	'03-'06 '02-
NCS-X011  New!!	96325867	CHEVROLET DAEWOO	AVEO SPARK (MATIZ) KALOS MATIZ	F12S3, LY4 F8CV, B10S, LA2 B12S1, F12S3 F8CV	'06-'07 '05 '03 '98
NCS-X012 	96325868	CHEVROLET DAEWOO	AVEO SPARK (MATIZ) NUBIRA KALOS LACETTI MATIZ TICO	F12S3, LY4, F14D3, L14 F8CV, B10S1, LA2 F14D3 B12S1, F12S3, F14D3 F14D3 F8CV F8CV	'06-'07 '05 '06 '03 '04 '98 '96-'00
NCS-X013  New!!	39350-2B000 39350-2B010 39350-2B030	HYUNDAI KIA	I10 I20 I30 IX20 VELOSTER CARENS CEE'D CERATO PICANTO RIO SOUL SPORTAGE	G3LA, G4LA G4FA, G4FC, G4LA G4FA, G4FC, G4FD G4FA, G4FC G4FD G4FC / G4FD G4FC, G4FD G4FC G3LA, G4LA G4LA G4FC G4FD	'08-'13 '08-'15 '07-'12 '10 '11 '09-'10 / '13 '06-'12 '06 '11 '11 '11 '11
NCS-X014  New!!	39350-02710 39350-02800	HYUNDAI KIA	AMICA GETZ I10 PICANTO	G4HD, G4HG G4HG G4HG G4HE, G4HG	'03-'10 '05-'09 '07-'13 '04