

 HYUNDAI Technical Service Bulletin	GROUP CAMPAIGN	NUMBER 21-01-067H
	DATE NOVEMBER 2021	MODEL(S) SEE APPLICABLE VEHICLES BELOW
SUBJECT: OP CODE/PART NUMBER (REFERENCE GUIDE FOR SERVICE CAMPAIGN T3G)		

Please note that this TSB references the op codes to use for claim submission and the parts required based on the vehicle's inspection results from TSB 21-01-066H (Theta GDI Engine DTC P1326 – Engine Inspection/Replacement).

This TSB supersedes 20-01-024H-2 to update the following:

- Revising op codes by providing one (1) for inspection portion and one (1) for replacement operations of engine/knock sensor, as needed.
- Update Table of Contents on page 3 to reflect the first revision noted above.
- Update Warranty Information Notes #1-2 on page 2 to elaborate and clarify on claim submission.
- Link & QR Code also provided on bottom of page 2 to summarize the updated T3G claim submission process

Consult the Hyundai Warranty Policy & Procedure and the below tables to determine New or Reman engine usage. Please note that a Reman engine may not be available for certain vehicle models/model years listed in the TSB.

Applicable Vehicles:

Certain 2011-2014 MY Sonata (YF) vehicles with 2.0L Turbo and 2.4L engines
Certain 2015-2019 MY Sonata (LF) vehicles with 2.0L Turbo and 2.4L engines
Certain 2013-2018 MY Santa Fe Sport (AN) vehicles with 2.0L Turbo and 2.4L engines
Certain 2019 MY Santa Fe (TM) vehicles with 2.0L Turbo and 2.4L engines
Certain 2014-2015 MY Tucson (LM) vehicles with 2.4L engines
Certain 2018-2019 MY Tucson (TL) vehicles with 2.4L engines
Certain 2019 MY Veloster N (JSN) vehicles with 2.0L Turbo engines

****For 17MY Sonata 2.4L:**

- If production date is before 5/13/2016, order 21101-2GK33QQH/RM.
- If production date is after 5/19/2016, order 21101-2GK34QQH/RM.
- If the last 6 digits of the VIN are **below**, order 21101-2GK33QQH/RM.
- If the last 6 digits of the VIN are **not below**, order 21101-2GK34QQH/RM.

443013	443094	443107	443124	443137	443148	443159	443173	443202
443026	443095	443109	443125	443138	443149	443160	443175	443206
443051	443097	443110	443127	443139	443150	443161	443178	443208
443069	443098	443113	443128	443140	443151	443162	443181	443210
443083	443099	443114	443131	443141	443152	443164	443185	
443086	443100	443116	443132	443142	443153	443165	443187	
443087	443102	443117	443133	443143	443154	443166	443195	
443089	443104	443119	443134	443145	443156	443167	443196	

Circulate To: General Manager, Service Manager, Parts Manager, Warranty Manager, Service Advisors, Technicians, Body Shop Manager, Fleet Repair

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443091	443105	443120	443135	443146	443157	443170	443197	
443093	443106	443123	443136	443147	443158	443171	443200	

Warranty Information Notes:

- 1) **Dealer is to submit one claim for inspection and one claim for replacement of engine/knock sensor, as needed.**
 - For **11-18MY** vehicles: Submit Claim(s) on **Campaign Claim Entry Screen**.
 - For **19MY** vehicles: Submit Claim(s) on **Warranty Claim Entry Screen. Use Q75 for Nature Code, ZZ1 for Cause Code.**
- 2) The Campaign 953 Engine ECM update is only required if new software is available. Please submit a separate campaign claim for the ECM update using Campaign 953 OP Codes. These particular op codes are identified in the replacement op code tables below **with an asterisk (*)**.
- 3) PA Approval **required** for OP Codes **with engine** replacement.
 - **Note:** OP Codes for engine replacement must only be used if engine replacement is deemed necessary by the service procedure in **T3G TSB 21-01-066H (or latest version)**.
- 4) PA Approval **NOT required** for OP Codes **without engine** replacement.
- 5) If a **part is in need of replacement** and the **failure is directly caused by Campaign T3G** related engine failure, **or if additional labor** is required while performing Campaign T3G:
 - Submit one compiled separate claim using the same Repair Order number AND
 - Submit with 21101NTT using the engine Causal Part number associated with the T3G OP Code AND
 - Ensure part replacement and punch times are accurate and that they match the labor performed along with the service manager's signature approving the TT time.
 - For TT time best practices, refer to Hyundaidealer.com > Service Tab > Documents Library > Warranty > ATT-NTT Documentation and Claim Submission Guide
 - Note: If the part replacement does not require additional labor, follow the above steps and use the system minimum of .1 labor time with a quantity of 1.
- 6) If a **part is found in need of replacement** while performing this campaign and the affected part (**failure not directly caused by Campaign T3G**) is still under warranty, submit a separate claim using the same Repair Order. If the affected part(s) are out of warranty, request a Prior Authorization # for goodwill consideration prior to completing the Campaign.

Key Notes for Op Code Tables:

NOTE 1: Op codes are split into two parts – dealer is to submit one (1) op code for inspection and one (1) for engine/knock sensor replacement as needed.

- There are 2 Inspection Tables – 1 for certain 11-18MY and 1 for certain 19MY affected models
- Replacement tables are by models/model years/other criteria (SCC/non-SCC equipped, Drive Train (FWD/AWD)).

NOTE 2: For op codes with an asterisk (*), please submit a separate campaign claim under 953.

NOTE 3: For 2017MY Sonata engine replacement, please refer to page 1 for specific instructions.

A Summary of the Updated T3G Claim Submission Process can also be accessed via the following:

- Link: <https://vimeo.com/642066125/1aec30b26a>
- QR Code:



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Please refer to applicable op codes according to model, model years, Smart Cruise Control (SCC) (if applicable), and Front Wheel/All Wheel Drive (FWD/AWD), if specified.

Please note that the engines for 19MY vehicles may be superseded by a different part number than what is listed in this TSB. Please use the latest engine part number available if such a supersession occurs.

Op Code Tables:

- 1) Inspection Table for 11-18MY Vehicles – Page 4**
- 2) Replacement Tables for 11-18MY**
 - A) 2011-13MY Sonata 2.0T & 2011-13 Sonata 2.4L – Page 5**
 - B) 2014 Sonata 2.0T & 2014 Sonata 2.4L – Page 6**
 - C) 2015-18 Sonata 2.0T, non-SCC & 2015-18 Sonata 2.0T, SCC – Page 7**
 - D) 2015 Sonata 2.4L, non-SCC & 2015 Sonata 2.4L, SCC – Page 8**
 - E) 2016 Sonata 2.4L, non-SCC & 2016 Sonata 2.4L, SCC – Page 9**
 - F) 2017 Sonata 2.4L, non-SCC & 2017 Sonata 2.4L, SCC – Page 10**
 - G) 2018 Sonata 2.4L, non-SCC & 2018 Sonata 2.4L, SCC – Page 11**
 - H) 2013 Santa Fe Sport 2.0T, FWD, non-SCC & 2013 Santa Fe Sport 2.0T, FWD, SCC – Page 12**
 - I) 2013 Santa Fe Sport 2.0T, AWD, non-SCC & 2013 Santa Fe Sport 2.0T, AWD, SCC – Page 13**
 - J) 2014-16 Santa Fe Sport 2.0T, FWD, non-SCC & 2014-16 Santa Fe Sport 2.0T, FWD, SCC – Page 14**
 - K) 2014-16 Santa Fe Sport 2.0T, AWD, non-SCC & 2014-16 Santa Fe Sport 2.0T, AWD, SCC – Page 15**
 - L) 2017-18 Santa Fe Sport 2.0T, FWD, non-SCC & 2017-18 Santa Fe Sport 2.0T, FWD, SCC – Page 16**
 - M) 2017-18 Santa Fe Sport 2.0T, AWD, non-SCC & 2017-18 Santa Fe Sport 2.0T, AWD, SCC – Page 17**
 - N) 2013 Santa Fe Sport 2.4L, FWD, non-SCC & 2013 Santa Fe Sport 2.4L FWD, SCC – Page 18**
 - O) 2013 Santa Fe Sport 2.4L, AWD, non-SCC & 2013 Santa Fe Sport 2.4L AWD, SCC – Page 19**
 - P) 2014-16 Santa Fe Sport 2.4L, FWD, non-SCC & 2014-16 Santa Fe Sport 2.4L, FWD, SCC – Page 20**
 - Q) 2014-16 Santa Fe Sport 2.4L, AWD, non-SCC & 2014-16 Santa Fe Sport 2.4L, AWD, SCC – Page 21**
 - R) 2017-18 Santa Fe Sport 2.4L, FWD, non-SCC & 2017-18 Santa Fe Sport 2.4L, FWD, SCC – Page 22**
 - S) 2017-18 Santa Fe Sport 2.4L, AWD, non-SCC & 2017-18 Santa Fe Sport 2.4L, AWD, SCC – Page 23**
 - T) 2014-15 Tucson 2.4L, FWD – Page 24**
 - U) 2014-15 Tucson 2.4L, AWD – Page 25**
 - V) 2018 Tucson 2.4L, FWD & 2018 Tucson 2.4L, AWD – Page 26**
- 3) Inspection Table for 19MY Vehicles – Page 27**
- 4) Replacement Tables for 19MY**
 - A) 2019 Sonata 2.0T, 2019 Sonata 2.4L, 2019 Santa Fe 2.0T, FWD – Page 28**
 - B) 2019 Santa Fe 2.0T, AWD & 2019 Santa Fe 2.4L, FWD & 2019 Santa Fe 2.4L, AWD – Page 29**
 - C) 2019 Tucson 2.4L, FWD & 2019 Tucson 2.4L, AWD & 2019 Veloster N 2.0T – Page 30**

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Inspection OP Code Table (Certain 11-18MY affected with 2.0L & 2.4T engines)

MY/MODEL/ENGINE	DESCRIPTION	OP CODE	OP TIME
11-14MY Sonata (YF), 11-18MY Sonata (LF), 13-18MY Santa Fe Sport (AN) with 2.0T and 2.4L engines & 14-15MY Tucson (LM), 18MY Tucson (TL) with 2.4L engines	KSDS AND/OR P1326 CEL ON (YES) + EXTERNAL DAMAGE (NO) + OIL DIPSTICK (NO) + OIL DRAIN ≥ 1.5QT (NO) + SUBMIT PA	10D191R0	0.3
	KSDS AND/OR P1326 CEL ON (YES) + EXTERNAL DAMAGE (NO) + OIL DIPSTICK (NO) + OIL DRAIN ≥ 1.5QT (YES) + CRANK ROTATION (NO) + SUBMIT PA	10D191R1	1.7
	KSDS AND/OR P1326 CEL ON (YES) + EXTERNAL DAMAGE (NO) + OIL DIPSTICK (NO) + OIL DRAIN ≥ 1.5QT (YES) + CRANK ROTATION (YES) + BCT RESULT (NO PASS)	10D191R2	1.4
	KSDS AND/OR P1326 CEL ON (YES) + EXTERNAL DAMAGE (NO) + OIL DIPSTICK (NO) + OIL DRAIN ≥ 1.5QT (YES) + CRANK ROTATION (YES) + BCT RESULT (PASS)	10D191R3	1.1
	KSDS AND/OR P1326 CEL ON (YES) + EXTERNAL DAMAGE (NO) + OIL DIPSTICK (NO) + OIL DRAIN ≥ 1.5QT (YES) + CRANK ROTATION (YES) + BCT RESULT (NO BCT)	10D191R4	1.7
	KSDS AND/OR P1326 CEL ON (YES) + EXTERNAL DAMAGE (NO) + OIL DIPSTICK (YES) + CRANK ROTATION (YES) + BCT RESULT (NO PASS)	10D191R5	1.1
	KSDS AND/OR P1326 CEL ON (YES) + EXTERNAL DAMAGE (NO) + OIL DIPSTICK (YES) + CRANK ROTATION (YES) + BCT RESULT (PASS)	10D191R6	0.8
	KSDS AND/OR P1326 CEL ON (YES) + EXTERNAL DAMAGE (NO) + OIL DIPSTICK (YES) + CRANK ROTATION (YES) + BCT RESULT (NO BCT)	10D191R7	1.4

Replacement Op Code Tables**1) 2011-2013MY Sonata (YF) 2.0T**

DESCRIPTION	OP CODE	TIME	ENGINE	SVC KIT 1	SVC KIT 2	OIL COOLER PIPE	KNOCK SENSOR
REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (NO)	10D192AA	5.8	211012GK60QQH	211112GK60QQH	211112GK70QQH	254702G650QQH	N/A
REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (NO)	10D192AC	5.8	211012GK60QQHRM	211112GK60QQH	211112GK70QQH	254702G650QQH	N/A
REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192AB	5.7	211012GK60QQH	211112GK60QQH	211112GK70QQH	254702G650QQH	N/A
REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192AD	5.7	211012GK60QQHRM	211112GK60QQH	211112GK70QQH	254702G650QQH	N/A
ABNORMAL ENGINE NOISE (NO) + REPLACE KNOCK SENSOR + ECM UPDATE (NO)	10D192AE	0.5	N/A	N/A	N/A	N/A	392502G700
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + ECM UPDATE (NO)	10D192AF	0.6	N/A	N/A	N/A	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + ECM UPDATE (YES)*	10D192AG	0.5	N/A	N/A	N/A	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (NO)	10D192AH	6.4	211012GK60QQH	211112GK60QQH	211112GK70QQH	254702G650QQH	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (NO)	10D192AJ	6.4	211012GK60QQHRM	211112GK60QQH	211112GK70QQH	254702G650QQH	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192AI	6.3	211012GK60QQH	211112GK60QQH	211112GK70QQH	254702G650QQH	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192AK	6.3	211012GK60QQHRM	211112GK60QQH	211112GK70QQH	254702G650QQH	N/A

2) 2011-2013MY Sonata (YF) 2.4L

DESCRIPTION	OP CODE	TIME	ENGINE	SVC KIT 1	SVC KIT 2	OIL COOLER PIPE	KNOCK SENSOR
REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (NO)	10D192BA	5.3	211012GK50QQH	211112GK50QQH	211112GK70QQH	254702G050QQH	N/A
REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (NO)	10D192BC	5.3	211012GK50QQHRM	211112GK50QQH	211112GK70QQH	254702G050QQH	N/A
REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192BB	5.2	211012GK50QQH	211112GK50QQH	211112GK70QQH	254702G050QQH	N/A
REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192BD	5.2	211012GK50QQHRM	211112GK50QQH	211112GK70QQH	254702G050QQH	N/A
ABNORMAL ENGINE NOISE (NO) + REPLACE KNOCK SENSOR + ECM UPDATE (NO)	10D192BE	0.5	N/A	N/A	N/A	N/A	392502G100
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + ECM UPDATE (NO)	10D192BF	0.6	N/A	N/A	N/A	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + ECM UPDATE (YES)*	10D192BG	0.5	N/A	N/A	N/A	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (NO)	10D192BH	5.9	211012GK50QQH	211112GK50QQH	211112GK70QQH	254702G050QQH	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (NO)	10D192BJ	5.9	211012GK50QQHRM	211112GK50QQH	211112GK70QQH	254702G050QQH	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192BI	5.8	211012GK50QQH	211112GK50QQH	211112GK70QQH	254702G050QQH	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192BK	5.8	211012GK50QQHRM	211112GK50QQH	211112GK70QQH	254702G050QQH	N/A

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3) 2014MY Sonata (YF) 2.0T

DESCRIPTION	OP CODE	TIME	ENGINE	SVC KIT 1	SVC KIT 2	OIL COOLER PIPE	KNOCK SENSOR
REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (NO)	10D192AA	5.8	211012GK80QQH	211112GK60QQH	211112GK70QQH	254702G650QQH	N/A
REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (NO)	10D192AC	5.8	211012GK80QQHRM	211112GK60QQH	211112GK70QQH	254702G650QQH	N/A
REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192AB	5.7	211012GK80QQH	211112GK60QQH	211112GK70QQH	254702G650QQH	N/A
REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192AD	5.7	211012GK80QQHRM	211112GK60QQH	211112GK70QQH	254702G650QQH	N/A
ABNORMAL ENGINE NOISE (NO) + REPLACE KNOCK SENSOR + ECM UPDATE (NO)	10D192AE	0.5	N/A	N/A	N/A	N/A	392502G700
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + ECM UPDATE (NO)	10D192AF	0.6	N/A	N/A	N/A	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + ECM UPDATE (YES)*	10D192AG	0.5	N/A	N/A	N/A	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (NO)	10D192AH	6.4	211012GK80QQH	211112GK60QQH	211112GK70QQH	254702G650QQH	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (NO)	10D192AJ	6.4	211012GK80QQHRM	211112GK60QQH	211112GK70QQH	254702G650QQH	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192AI	6.3	211012GK80QQH	211112GK60QQH	211112GK70QQH	254702G650QQH	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192AK	6.3	211012GK80QQHRM	211112GK60QQH	211112GK70QQH	254702G650QQH	N/A

4) 2014MY Sonata (YF) 2.4L

DESCRIPTION	OP CODE	TIME	ENGINE	SVC KIT 1	SVC KIT 2	OIL COOLER PIPE	KNOCK SENSOR
REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (NO)	10D192BA	5.3	211012GK70QQH	211112GK50QQH	211112GK70QQH	254702G050QQH	N/A
REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (NO)	10D192BC	5.3	211012GK70QQHRM	211112GK50QQH	211112GK70QQH	254702G050QQH	N/A
REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192BB	5.2	211012GK70QQH	211112GK50QQH	211112GK70QQH	254702G050QQH	N/A
REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192BD	5.2	211012GK70QQHRM	211112GK50QQH	211112GK70QQH	254702G050QQH	N/A
ABNORMAL ENGINE NOISE (NO) + REPLACE KNOCK SENSOR + ECM UPDATE (NO)	10D192BE	0.5	N/A	N/A	N/A	N/A	392502G100
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + ECM UPDATE (NO)	10D192BF	0.6	N/A	N/A	N/A	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + ECM UPDATE (YES)*	10D192BG	0.5	N/A	N/A	N/A	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (NO)	10D192BH	5.9	211012GK70QQH	211112GK50QQH	211112GK70QQH	254702G050QQH	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (NO)	10D192BJ	5.9	211012GK70QQHRM	211112GK50QQH	211112GK70QQH	254702G050QQH	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192BI	5.8	211012GK70QQH	211112GK50QQH	211112GK70QQH	254702G050QQH	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192BK	5.8	211012GK70QQHRM	211112GK50QQH	211112GK70QQH	254702G050QQH	N/A

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5) 2015-2018MY Sonata (LF) 2.0T, non-SCC

DESCRIPTION	OP CODE	TIME	ENGINE	SVC KIT 1	SVC KIT 2	OIL COOLER PIPE	KNOCK SENSOR
REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (NO)	10D192DA	6.3	211012GK32QQH	211112GK52QQH	211112GK72QQH	N/A	N/A
REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (NO)	10D192DC	6.3	211012GK32QQHRM	211112GK52QQH	211112GK72QQH	N/A	N/A
REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192DB	6.2	211012GK32QQH	211112GK52QQH	211112GK72QQH	N/A	N/A
REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192DD	6.2	211012GK32QQHRM	211112GK52QQH	211112GK72QQH	N/A	N/A
ABNORMAL ENGINE NOISE (NO) + REPLACE KNOCK SENSOR + ECM UPDATE (NO)	10D192DE	1.1	N/A	N/A	N/A	N/A	392502G700
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + ECM UPDATE (NO)	10D192DF	0.6	N/A	N/A	N/A	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + ECM UPDATE (YES)*	10D192DG	0.5	N/A	N/A	N/A	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (NO)	10D192DH	6.9	211012GK32QQH	211112GK52QQH	211112GK72QQH	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (NO)	10D192DJ	6.9	211012GK32QQHRM	211112GK52QQH	211112GK72QQH	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192DI	6.8	211012GK32QQH	211112GK52QQH	211112GK72QQH	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192DK	6.8	211012GK32QQHRM	211112GK52QQH	211112GK72QQH	N/A	N/A

6) 2015-2018MY Sonata (LF) 2.0T, SCC

DESCRIPTION	OP CODE	TIME	ENGINE	SVC KIT 1	SVC KIT 2	OIL COOLER PIPE	KNOCK SENSOR
REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (NO)	10D192CA	6.8	211012GK32QQH	211112GK52QQH	211112GK72QQH	N/A	N/A
REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (NO)	10D192CC	6.8	211012GK32QQHRM	211112GK52QQH	211112GK72QQH	N/A	N/A
REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192CB	6.7	211012GK32QQH	211112GK52QQH	211112GK72QQH	N/A	N/A
REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192CD	6.7	211012GK32QQHRM	211112GK52QQH	211112GK72QQH	N/A	N/A
ABNORMAL ENGINE NOISE (NO) + REPLACE KNOCK SENSOR + ECM UPDATE (NO)	10D192CE	1.1	N/A	N/A	N/A	N/A	392502G700
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + ECM UPDATE (NO)	10D192CF	0.6	N/A	N/A	N/A	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + ECM UPDATE (YES)*	10D192CG	0.5	N/A	N/A	N/A	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (NO)	10D192CH	7.4	211012GK32QQH	211112GK52QQH	211112GK72QQH	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (NO)	10D192CJ	7.4	211012GK32QQHRM	211112GK52QQH	211112GK72QQH	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192CI	7.3	211012GK32QQH	211112GK52QQH	211112GK72QQH	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192CK	7.3	211012GK32QQHRM	211112GK52QQH	211112GK72QQH	N/A	N/A

SUBJECT:

OP CODE/PART NUMBER
(REFERENCE GUIDE FOR SERVICE CAMPAIGN T3G)

7) 2015MY Sonata (LF) 2.4L, non-SCC

DESCRIPTION	OP CODE	TIME	ENGINE	SVC KIT 1	SVC KIT 2	OIL COOLER PIPE	KNOCK SENSOR
REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (NO)	10D192FA	5.4	211012GK31QQH	211112GK51QQH	211112GK71QQH	N/A	N/A
REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (NO)	10D192FC	5.4	211012GK31QQHRM	211112GK51QQH	211112GK71QQH	N/A	N/A
REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192FB	5.3	211012GK31QQH	211112GK51QQH	211112GK71QQH	N/A	N/A
REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192FD	5.3	211012GK31QQHRM	211112GK51QQH	211112GK71QQH	N/A	N/A
ABNORMAL ENGINE NOISE (NO) + REPLACE KNOCK SENSOR + ECM UPDATE (NO)	10D192FE	1.1	N/A	N/A	N/A	N/A	392502G100
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + ECM UPDATE (NO)	10D192FF	0.6	N/A	N/A	N/A	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + ECM UPDATE (YES)*	10D192FG	0.5	N/A	N/A	N/A	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (NO)	10D192FH	6.0	211012GK31QQH	211112GK51QQH	211112GK71QQH	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (NO)	10D192FJ	6.0	211012GK31QQHRM	211112GK51QQH	211112GK71QQH	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192FI	5.9	211012GK31QQH	211112GK51QQH	211112GK71QQH	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192FK	5.9	211012GK31QQHRM	211112GK51QQH	211112GK71QQH	N/A	N/A

8) 2015MY Sonata (LF) 2.4L, SCC

DESCRIPTION	OP CODE	TIME	ENGINE	SVC KIT 1	SVC KIT 2	OIL COOLER PIPE	KNOCK SENSOR
REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (NO)	10D192EA	5.9	211012GK31QQH	211112GK51QQH	211112GK71QQH	N/A	N/A
REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (NO)	10D192EC	5.9	211012GK31QQHRM	211112GK51QQH	211112GK71QQH	N/A	N/A
REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192EB	5.8	211012GK31QQH	211112GK51QQH	211112GK71QQH	N/A	N/A
REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192ED	5.8	211012GK31QQHRM	211112GK51QQH	211112GK71QQH	N/A	N/A
ABNORMAL ENGINE NOISE (NO) + REPLACE KNOCK SENSOR + ECM UPDATE (NO)	10D192EE	1.1	N/A	N/A	N/A	N/A	392502G100
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + ECM UPDATE (NO)	10D192EF	0.6	N/A	N/A	N/A	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + ECM UPDATE (YES)*	10D192EG	0.5	N/A	N/A	N/A	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (NO)	10D192EH	6.5	211012GK31QQH	211112GK51QQH	211112GK71QQH	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (NO)	10D192EJ	6.5	211012GK31QQHRM	211112GK51QQH	211112GK71QQH	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192EI	6.4	211012GK31QQH	211112GK51QQH	211112GK71QQH	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192EK	6.4	211012GK31QQHRM	211112GK51QQH	211112GK71QQH	N/A	N/A

SUBJECT:

OP CODE/PART NUMBER
(REFERENCE GUIDE FOR SERVICE CAMPAIGN T3G)

9) 2016MY Sonata (LF) 2.4L, non-SCC

DESCRIPTION	OP CODE	TIME	ENGINE	SVC KIT 1	SVC KIT 2	OIL COOLER PIPE	KNOCK SENSOR
REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (NO)	10D192FA	5.4	211012GK33QQH	211112GK51QQH	211112GK71QQH	N/A	N/A
REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (NO)	10D192FC	5.4	211012GK33QQHRM	211112GK51QQH	211112GK71QQH	N/A	N/A
REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192FB	5.3	211012GK33QQH	211112GK51QQH	211112GK71QQH	N/A	N/A
REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192FD	5.3	211012GK33QQHRM	211112GK51QQH	211112GK71QQH	N/A	N/A
ABNORMAL ENGINE NOISE (NO) + REPLACE KNOCK SENSOR + ECM UPDATE (NO)	10D192FE	1.1	N/A	N/A	N/A	N/A	392502G100
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + ECM UPDATE (NO)	10D192FF	0.6	N/A	N/A	N/A	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + ECM UPDATE (YES)*	10D192FG	0.5	N/A	N/A	N/A	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (NO)	10D192FH	6.0	211012GK33QQH	211112GK51QQH	211112GK71QQH	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (NO)	10D192FJ	6.0	211012GK33QQHRM	211112GK51QQH	211112GK71QQH	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192FI	5.9	211012GK33QQH	211112GK51QQH	211112GK71QQH	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192FK	5.9	211012GK33QQHRM	211112GK51QQH	211112GK71QQH	N/A	N/A

10) 2016MY Sonata (LF) 2.4L, SCC

DESCRIPTION	OP CODE	TIME	ENGINE	SVC KIT 1	SVC KIT 2	OIL COOLER PIPE	KNOCK SENSOR
REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (NO)	10D192EA	5.9	211012GK33QQH	211112GK51QQH	211112GK71QQH	N/A	N/A
REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (NO)	10D192EC	5.9	211012GK33QQHRM	211112GK51QQH	211112GK71QQH	N/A	N/A
REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192EB	5.8	211012GK33QQH	211112GK51QQH	211112GK71QQH	N/A	N/A
REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192ED	5.8	211012GK33QQHRM	211112GK51QQH	211112GK71QQH	N/A	N/A
ABNORMAL ENGINE NOISE (NO) + REPLACE KNOCK SENSOR + ECM UPDATE (NO)	10D192EE	1.1	N/A	N/A	N/A	N/A	392502G100
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + ECM UPDATE (NO)	10D192EF	0.6	N/A	N/A	N/A	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + ECM UPDATE (YES)*	10D192EG	0.5	N/A	N/A	N/A	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (NO)	10D192EH	6.5	211012GK33QQH	211112GK51QQH	211112GK71QQH	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (NO)	10D192EJ	6.5	211012GK33QQHRM	211112GK51QQH	211112GK71QQH	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192EI	6.4	211012GK33QQH	211112GK51QQH	211112GK71QQH	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192EK	6.4	211012GK33QQHRM	211112GK51QQH	211112GK71QQH	N/A	N/A

SUBJECT:

OP CODE/PART NUMBER
(REFERENCE GUIDE FOR SERVICE CAMPAIGN T3G)

11) 2017MY Sonata (LF) 2.4L, non-SCC – Refer to page 1 for 33 or 34 engine use

DESCRIPTION	OP CODE	TIME	ENGINE	SVC KIT 1	SVC KIT 2	OIL COOLER PIPE	KNOCK SENSOR
REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (NO)	10D192FA	5.4	211012GK33QQH 211012GK34QQH	211112GK51QQH	211112GK71QQH	N/A	N/A
REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (NO)	10D192FC	5.4	211012GK33QQHRM 211012GK34QQHRM	211112GK51QQH	211112GK71QQH	N/A	N/A
REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192FB	5.3	211012GK33QQH 211012GK34QQH	211112GK51QQH	211112GK71QQH	N/A	N/A
REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192FD	5.3	211012GK33QQHRM 211012GK34QQHRM	211112GK51QQH	211112GK71QQH	N/A	N/A
ABNORMAL ENGINE NOISE (NO) + REPLACE KNOCK SENSOR + ECM UPDATE (NO)	10D192FE	1.1	N/A	N/A	N/A	N/A	392502G100
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + ECM UPDATE (NO)	10D192FF	0.6	N/A	N/A	N/A	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + ECM UPDATE (YES)*	10D192FG	0.5	N/A	N/A	N/A	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (NO)	10D192FH	6.0	211012GK33QQH 211012GK34QQH	211112GK51QQH	211112GK71QQH	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (NO)	10D192FJ	6.0	211012GK33QQHRM 211012GK34QQHRM	211112GK51QQH	211112GK71QQH	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192FI	5.9	211012GK33QQH 211012GK34QQH	211112GK51QQH	211112GK71QQH	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192FK	5.9	211012GK33QQHRM 211012GK34QQHRM	211112GK51QQH	211112GK71QQH	N/A	N/A

12) 2017MY Sonata (LF) 2.4L, SCC – Refer to page 1 for 33 or 34 engine use

DESCRIPTION	OP CODE	TIME	ENGINE	SVC KIT 1	SVC KIT 2	OIL COOLER PIPE	KNOCK SENSOR
REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (NO)	10D192EA	5.9	211012GK33QQH 211012GK34QQH	211112GK51QQH	211112GK71QQH	N/A	N/A
REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (NO)	10D192EC	5.9	211012GK33QQHRM 211012GK34QQHRM	211112GK51QQH	211112GK71QQH	N/A	N/A
REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192EB	5.8	211012GK33QQH 211012GK34QQH	211112GK51QQH	211112GK71QQH	N/A	N/A
REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192ED	5.8	211012GK33QQHRM 211012GK34QQHRM	211112GK51QQH	211112GK71QQH	N/A	N/A
ABNORMAL ENGINE NOISE (NO) + REPLACE KNOCK SENSOR + ECM UPDATE (NO)	10D192EE	1.1	N/A	N/A	N/A	N/A	392502G100
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + ECM UPDATE (NO)	10D192EF	0.6	N/A	N/A	N/A	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + ECM UPDATE (YES)*	10D192EG	0.5	N/A	N/A	N/A	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (NO)	10D192EH	6.5	211012GK33QQH 211012GK34QQH	211112GK51QQH	211112GK71QQH	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (NO)	10D192EJ	6.5	211012GK33QQHRM 211012GK34QQHRM	211112GK51QQH	211112GK71QQH	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192EI	6.4	211012GK33QQH 211012GK34QQH	211112GK51QQH	211112GK71QQH	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192EK	6.4	211012GK33QQHRM 211012GK34QQHRM	211112GK51QQH	211112GK71QQH	N/A	N/A

SUBJECT:

OP CODE/PART NUMBER
(REFERENCE GUIDE FOR SERVICE CAMPAIGN T3G)

13) 2018MY Sonata (LF) 2.4L, non-SCC

DESCRIPTION	OP CODE	TIME	ENGINE	SVC KIT 1	SVC KIT 2	OIL COOLER PIPE	KNOCK SENSOR
REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (NO)	10D192FA	5.4	211012GK34QQH	211112GK51QQH	211112GK71QQH	N/A	N/A
REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (NO)	10D192FC	5.4	211012GK34QQHRM	211112GK51QQH	211112GK71QQH	N/A	N/A
REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192FB	5.3	211012GK34QQH	211112GK51QQH	211112GK71QQH	N/A	N/A
REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192FD	5.3	211012GK34QQHRM	211112GK51QQH	211112GK71QQH	N/A	N/A
ABNORMAL ENGINE NOISE (NO) + REPLACE KNOCK SENSOR + ECM UPDATE (NO)	10D192FE	1.1	N/A	N/A	N/A	N/A	392502G100
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + ECM UPDATE (NO)	10D192FF	0.6	N/A	N/A	N/A	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + ECM UPDATE (YES)*	10D192FG	0.5	N/A	N/A	N/A	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (NO)	10D192FH	6.0	211012GK34QQH	211112GK51QQH	211112GK71QQH	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (NO)	10D192FJ	6.0	211012GK34QQHRM	211112GK51QQH	211112GK71QQH	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192FI	5.9	211012GK34QQH	211112GK51QQH	211112GK71QQH	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192FK	5.9	211012GK34QQHRM	211112GK51QQH	211112GK71QQH	N/A	N/A

14) 2018MY Sonata (LF) 2.4L, SCC

DESCRIPTION	OP CODE	TIME	ENGINE	SVC KIT 1	SVC KIT 2	OIL COOLER PIPE	KNOCK SENSOR
REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (NO)	10D192EA	5.9	211012GK34QQH	211112GK51QQH	211112GK71QQH	N/A	N/A
REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (NO)	10D192EC	5.9	211012GK34QQHRM	211112GK51QQH	211112GK71QQH	N/A	N/A
REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192EB	5.8	211012GK34QQH	211112GK51QQH	211112GK71QQH	N/A	N/A
REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192ED	5.8	211012GK34QQHRM	211112GK51QQH	211112GK71QQH	N/A	N/A
ABNORMAL ENGINE NOISE (NO) + REPLACE KNOCK SENSOR + ECM UPDATE (NO)	10D192EE	1.1	N/A	N/A	N/A	N/A	392502G100
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + ECM UPDATE (NO)	10D192EF	0.6	N/A	N/A	N/A	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + ECM UPDATE (YES)*	10D192EG	0.5	N/A	N/A	N/A	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (NO)	10D192EH	6.5	211012GK34QQH	211112GK51QQH	211112GK71QQH	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (NO)	10D192EJ	6.5	211012GK34QQHRM	211112GK51QQH	211112GK71QQH	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192EI	6.4	211012GK34QQH	211112GK51QQH	211112GK71QQH	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192EK	6.4	211012GK34QQHRM	211112GK51QQH	211112GK71QQH	N/A	N/A

SUBJECT:

OP CODE/PART NUMBER
(REFERENCE GUIDE FOR SERVICE CAMPAIGN T3G)

15) 2013MY Santa Fe Sport (AN) 2.0T, FWD, non-SCC

DESCRIPTION	OP CODE	TIME	ENGINE	SVC KIT 1	SVC KIT 2	OIL COOLER PIPE	KNOCK SENSOR
REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (NO)	10D192LA	6.1	211012GK03QQH	211112GK60QQH	211112GK80QQH	254702G650QQH	N/A
REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (NO)	10D192LC	6.1	211012GK03QQHRM	211112GK60QQH	211112GK80QQH	254702G650QQH	N/A
REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192LB	6.0	211012GK03QQH	211112GK60QQH	211112GK80QQH	254702G650QQH	N/A
REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192LD	6.0	211012GK03QQHRM	211112GK60QQH	211112GK80QQH	254702G650QQH	N/A
ABNORMAL ENGINE NOISE (NO) + REPLACE KNOCK SENSOR + ECM UPDATE (NO)	10D192LE	1.5	N/A	N/A	N/A	N/A	392502G700
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + ECM UPDATE (NO)	10D192LF	0.6	N/A	N/A	N/A	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + ECM UPDATE (YES)*	10D192LG	0.5	N/A	N/A	N/A	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (NO)	10D192LH	6.7	211012GK03QQH	211112GK60QQH	211112GK80QQH	254702G650QQH	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (NO)	10D192LJ	6.7	211012GK03QQHRM	211112GK60QQH	211112GK80QQH	254702G650QQH	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192LI	6.6	211012GK03QQH	211112GK60QQH	211112GK80QQH	254702G650QQH	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192LK	6.6	211012GK03QQHRM	211112GK60QQH	211112GK80QQH	254702G650QQH	N/A

16) 2013MY Santa Fe Sport (AN) 2.0T, FWD, SCC

DESCRIPTION	OP CODE	TIME	ENGINE	SVC KIT 1	SVC KIT 2	OIL COOLER PIPE	KNOCK SENSOR
REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (NO)	10D192KA	6.6	211012GK03QQH	211112GK60QQH	211112GK80QQH	254702G650QQH	N/A
REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (NO)	10D192KC	6.6	211012GK03QQHRM	211112GK60QQH	211112GK80QQH	254702G650QQH	N/A
REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192KB	6.5	211012GK03QQH	211112GK60QQH	211112GK80QQH	254702G650QQH	N/A
REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192KD	6.5	211012GK03QQHRM	211112GK60QQH	211112GK80QQH	254702G650QQH	N/A
ABNORMAL ENGINE NOISE (NO) + REPLACE KNOCK SENSOR + ECM UPDATE (NO)	10D192KE	1.5	N/A	N/A	N/A	N/A	392502G700
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + ECM UPDATE (NO)	10D192KF	0.6	N/A	N/A	N/A	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + ECM UPDATE (YES)*	10D192KG	0.5	N/A	N/A	N/A	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (NO)	10D192KH	7.2	211012GK03QQH	211112GK60QQH	211112GK80QQH	254702G650QQH	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (NO)	10D192KJ	7.2	211012GK03QQHRM	211112GK60QQH	211112GK80QQH	254702G650QQH	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192KI	7.1	211012GK03QQH	211112GK60QQH	211112GK80QQH	254702G650QQH	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192KK	7.1	211012GK03QQHRM	211112GK60QQH	211112GK80QQH	254702G650QQH	N/A

SUBJECT:

OP CODE/PART NUMBER
(REFERENCE GUIDE FOR SERVICE CAMPAIGN T3G)

17) 2013MY Santa Fe Sport (AN) 2.0T, AWD, non-SCC

DESCRIPTION	OP CODE	TIME	ENGINE	SVC KIT 1	SVC KIT 2	OIL COOLER PIPE	KNOCK SENSOR
REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (NO)	10D192NA	6.5	211012GK03QQH	211112GK60QQH	211112GK80QQH	254702G650QQH	N/A
REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (NO)	10D192NC	6.5	211012GK03QQHRM	211112GK60QQH	211112GK80QQH	254702G650QQH	N/A
REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192NB	6.4	211012GK03QQH	211112GK60QQH	211112GK80QQH	254702G650QQH	N/A
REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192ND	6.4	211012GK03QQHRM	211112GK60QQH	211112GK80QQH	254702G650QQH	N/A
ABNORMAL ENGINE NOISE (NO) + REPLACE KNOCK SENSOR + ECM UPDATE (NO)	10D192NE	1.5	N/A	N/A	N/A	N/A	392502G700
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + ECM UPDATE (NO)	10D192NF	0.6	N/A	N/A	N/A	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + ECM UPDATE (YES)*	10D192NG	0.5	N/A	N/A	N/A	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (NO)	10D192NH	7.1	211012GK03QQH	211112GK60QQH	211112GK80QQH	254702G650QQH	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (NO)	10D192NJ	7.1	211012GK03QQHRM	211112GK60QQH	211112GK80QQH	254702G650QQH	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192NI	7.0	211012GK03QQH	211112GK60QQH	211112GK80QQH	254702G650QQH	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192NK	7.0	211012GK03QQHRM	211112GK60QQH	211112GK80QQH	254702G650QQH	N/A

18) 2013MY Santa Fe Sport (AN) 2.0T, AWD, SCC

DESCRIPTION	OP CODE	TIME	ENGINE	SVC KIT 1	SVC KIT 2	OIL COOLER PIPE	KNOCK SENSOR
REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (NO)	10D192MA	7.0	211012GK03QQH	211112GK60QQH	211112GK80QQH	254702G650QQH	N/A
REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (NO)	10D192MC	7.0	211012GK03QQHRM	211112GK60QQH	211112GK80QQH	254702G650QQH	N/A
REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192MB	6.9	211012GK03QQH	211112GK60QQH	211112GK80QQH	254702G650QQH	N/A
REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192MD	6.9	211012GK03QQHRM	211112GK60QQH	211112GK80QQH	254702G650QQH	N/A
ABNORMAL ENGINE NOISE (NO) + REPLACE KNOCK SENSOR + ECM UPDATE (NO)	10D192ME	1.5	N/A	N/A	N/A	N/A	392502G700
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + ECM UPDATE (NO)	10D192MF	0.6	N/A	N/A	N/A	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + ECM UPDATE (YES)*	10D192MG	0.5	N/A	N/A	N/A	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (NO)	10D192MH	7.6	211012GK03QQH	211112GK60QQH	211112GK80QQH	254702G650QQH	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (NO)	10D192MJ	7.6	211012GK03QQHRM	211112GK60QQH	211112GK80QQH	254702G650QQH	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192MI	7.5	211012GK03QQH	211112GK60QQH	211112GK80QQH	254702G650QQH	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192MK	7.5	211012GK03QQHRM	211112GK60QQH	211112GK80QQH	254702G650QQH	N/A

SUBJECT:

OP CODE/PART NUMBER
(REFERENCE GUIDE FOR SERVICE CAMPAIGN T3G)

19) 2014-2016MY Santa Fe Sport (AN) 2.0T, FWD, non-SCC

DESCRIPTION	OP CODE	TIME	ENGINE	SVC KIT 1	SVC KIT 2	OIL COOLER PIPE	KNOCK SENSOR
REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (NO)	10D192LA	6.1	211012GK04QQH	211112GK60QQH	211112GK80QQH	254702G650QQH	N/A
REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (NO)	10D192LC	6.1	211012GK04QQHRM	211112GK60QQH	211112GK80QQH	254702G650QQH	N/A
REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192LB	6.0	211012GK04QQH	211112GK60QQH	211112GK80QQH	254702G650QQH	N/A
REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192LD	6.0	211012GK04QQHRM	211112GK60QQH	211112GK80QQH	254702G650QQH	N/A
ABNORMAL ENGINE NOISE (NO) + REPLACE KNOCK SENSOR + ECM UPDATE (NO)	10D192LE	1.5	N/A	N/A	N/A	N/A	392502G700
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + ECM UPDATE (NO)	10D192LF	0.6	N/A	N/A	N/A	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + ECM UPDATE (YES)*	10D192LG	0.5	N/A	N/A	N/A	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (NO)	10D192LH	6.7	211012GK04QQH	211112GK60QQH	211112GK80QQH	254702G650QQH	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (NO)	10D192LJ	6.7	211012GK04QQHRM	211112GK60QQH	211112GK80QQH	254702G650QQH	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192LI	6.6	211012GK04QQH	211112GK60QQH	211112GK80QQH	254702G650QQH	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192LK	6.6	211012GK04QQHRM	211112GK60QQH	211112GK80QQH	254702G650QQH	N/A

20) 2014-16MY Santa Fe Sport (AN) 2.0T, FWD, SCC

DESCRIPTION	OP CODE	TIME	ENGINE	SVC KIT 1	SVC KIT 2	OIL COOLER PIPE	KNOCK SENSOR
REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (NO)	10D192KA	6.6	211012GK04QQH	211112GK60QQH	211112GK80QQH	254702G650QQH	N/A
REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (NO)	10D192KC	6.6	211012GK04QQHRM	211112GK60QQH	211112GK80QQH	254702G650QQH	N/A
REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192KB	6.5	211012GK04QQH	211112GK60QQH	211112GK80QQH	254702G650QQH	N/A
REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192KD	6.5	211012GK04QQHRM	211112GK60QQH	211112GK80QQH	254702G650QQH	N/A
ABNORMAL ENGINE NOISE (NO) + REPLACE KNOCK SENSOR + ECM UPDATE (NO)	10D192KE	1.5	N/A	N/A	N/A	N/A	392502G700
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + ECM UPDATE (NO)	10D192KF	0.6	N/A	N/A	N/A	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + ECM UPDATE (YES)*	10D192KG	0.5	N/A	N/A	N/A	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (NO)	10D192KH	7.2	211012GK04QQH	211112GK60QQH	211112GK80QQH	254702G650QQH	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (NO)	10D192KJ	7.2	211012GK04QQHRM	211112GK60QQH	211112GK80QQH	254702G650QQH	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192KI	7.1	211012GK04QQH	211112GK60QQH	211112GK80QQH	254702G650QQH	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192KK	7.1	211012GK04QQHRM	211112GK60QQH	211112GK80QQH	254702G650QQH	N/A

SUBJECT:

OP CODE/PART NUMBER
(REFERENCE GUIDE FOR SERVICE CAMPAIGN T3G)

21) 2014-2016MY Santa Fe Sport (AN) 2.0T, AWD, non-SCC

DESCRIPTION	OP CODE	TIME	ENGINE	SVC KIT 1	SVC KIT 2	OIL COOLER PIPE	KNOCK SENSOR
REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (NO)	10D192NA	6.5	211012GK04QQH	211112GK60QQH	211112GK80QQH	254702G650QQH	N/A
REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (NO)	10D192NC	6.5	211012GK04QQHRM	211112GK60QQH	211112GK80QQH	254702G650QQH	N/A
REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192NB	6.4	211012GK04QQH	211112GK60QQH	211112GK80QQH	254702G650QQH	N/A
REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192ND	6.4	211012GK04QQHRM	211112GK60QQH	211112GK80QQH	254702G650QQH	N/A
ABNORMAL ENGINE NOISE (NO) + REPLACE KNOCK SENSOR + ECM UPDATE (NO)	10D192NE	1.5	N/A	N/A	N/A	N/A	392502G700
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + ECM UPDATE (NO)	10D192NF	0.6	N/A	N/A	N/A	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + ECM UPDATE (YES)*	10D192NG	0.5	N/A	N/A	N/A	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (NO)	10D192NH	7.1	211012GK04QQH	211112GK60QQH	211112GK80QQH	254702G650QQH	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (NO)	10D192NJ	7.1	211012GK04QQHRM	211112GK60QQH	211112GK80QQH	254702G650QQH	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192NI	7.0	211012GK04QQH	211112GK60QQH	211112GK80QQH	254702G650QQH	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192NK	7.0	211012GK04QQHRM	211112GK60QQH	211112GK80QQH	254702G650QQH	N/A

22) 2014-16MY Santa Fe Sport (AN) 2.0T, AWD, SCC

DESCRIPTION	OP CODE	TIME	ENGINE	SVC KIT 1	SVC KIT 2	OIL COOLER PIPE	KNOCK SENSOR
REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (NO)	10D192MA	7.0	211012GK04QQH	211112GK60QQH	211112GK80QQH	254702G650QQH	N/A
REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (NO)	10D192MC	7.0	211012GK04QQHRM	211112GK60QQH	211112GK80QQH	254702G650QQH	N/A
REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192MB	6.9	211012GK04QQH	211112GK60QQH	211112GK80QQH	254702G650QQH	N/A
REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192MD	6.9	211012GK04QQHRM	211112GK60QQH	211112GK80QQH	254702G650QQH	N/A
ABNORMAL ENGINE NOISE (NO) + REPLACE KNOCK SENSOR + ECM UPDATE (NO)	10D192ME	1.5	N/A	N/A	N/A	N/A	392502G700
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + ECM UPDATE (NO)	10D192MF	0.6	N/A	N/A	N/A	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + ECM UPDATE (YES)*	10D192MG	0.5	N/A	N/A	N/A	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (NO)	10D192MH	7.6	211012GK04QQH	211112GK60QQH	211112GK80QQH	254702G650QQH	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (NO)	10D192MJ	7.6	211012GK04QQHRM	211112GK60QQH	211112GK80QQH	254702G650QQH	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192MI	7.5	211012GK04QQH	211112GK60QQH	211112GK80QQH	254702G650QQH	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192MK	7.5	211012GK04QQHRM	211112GK60QQH	211112GK80QQH	254702G650QQH	N/A

SUBJECT:

OP CODE/PART NUMBER
(REFERENCE GUIDE FOR SERVICE CAMPAIGN T3G)

23) 2017-2018MY Santa Fe Sport (AN) 2.0T, FWD, non-SCC

DESCRIPTION	OP CODE	TIME	ENGINE	SVC KIT 1	SVC KIT 2	OIL COOLER PIPE	KNOCK SENSOR
REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (NO)	10D192LA	6.1	211012GK32QQH	211112GK52QQH	211112GK73QQH	N/A	N/A
REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (NO)	10D192LC	6.1	211012GK32QQHRM	211112GK52QQH	211112GK73QQH	N/A	N/A
REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192LB	6.0	211012GK32QQH	211112GK52QQH	211112GK73QQH	N/A	N/A
REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192LD	6.0	211012GK32QQHRM	211112GK52QQH	211112GK73QQH	N/A	N/A
ABNORMAL ENGINE NOISE (NO) + REPLACE KNOCK SENSOR + ECM UPDATE (NO)	10D192LE	1.5	N/A	N/A	N/A	N/A	392502G700
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + ECM UPDATE (NO)	10D192LF	0.6	N/A	N/A	N/A	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + ECM UPDATE (YES)*	10D192LG	0.5	N/A	N/A	N/A	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (NO)	10D192LH	6.7	211012GK32QQH	211112GK52QQH	211112GK73QQH	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (NO)	10D192LJ	6.7	211012GK32QQHRM	211112GK52QQH	211112GK73QQH	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192LI	6.6	211012GK32QQH	211112GK52QQH	211112GK73QQH	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192LK	6.6	211012GK32QQHRM	211112GK52QQH	211112GK73QQH	N/A	N/A

24) 2017-18MY Santa Fe Sport (AN) 2.0T, FWD, SCC

DESCRIPTION	OP CODE	TIME	ENGINE	SVC KIT 1	SVC KIT 2	OIL COOLER PIPE	KNOCK SENSOR
REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (NO)	10D192KA	6.6	211012GK32QQH	211112GK52QQH	211112GK73QQH	N/A	N/A
REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (NO)	10D192KC	6.6	211012GK32QQHRM	211112GK52QQH	211112GK73QQH	N/A	N/A
REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192KB	6.5	211012GK32QQH	211112GK52QQH	211112GK73QQH	N/A	N/A
REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192KD	6.5	211012GK32QQHRM	211112GK52QQH	211112GK73QQH	N/A	N/A
ABNORMAL ENGINE NOISE (NO) + REPLACE KNOCK SENSOR + ECM UPDATE (NO)	10D192KE	1.5	N/A	N/A	N/A	N/A	392502G700
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + ECM UPDATE (NO)	10D192KF	0.6	N/A	N/A	N/A	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + ECM UPDATE (YES)*	10D192KG	0.5	N/A	N/A	N/A	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (NO)	10D192KH	7.2	211012GK32QQH	211112GK52QQH	211112GK73QQH	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (NO)	10D192KJ	7.2	211012GK32QQHRM	211112GK52QQH	211112GK73QQH	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192KI	7.1	211012GK32QQH	211112GK52QQH	211112GK73QQH	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192KK	7.1	211012GK32QQHRM	211112GK52QQH	211112GK73QQH	N/A	N/A

SUBJECT:

OP CODE/PART NUMBER
(REFERENCE GUIDE FOR SERVICE CAMPAIGN T3G)

25) 2017-2018MY Santa Fe Sport (AN) 2.0T, AWD, non-SCC

DESCRIPTION	OP CODE	TIME	ENGINE	SVC KIT 1	SVC KIT 2	OIL COOLER PIPE	KNOCK SENSOR
REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (NO)	10D192NA	6.5	211012GK32QQH	211112GK52QQH	211112GK73QQH	N/A	N/A
REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (NO)	10D192NC	6.5	211012GK32QQHRM	211112GK52QQH	211112GK73QQH	N/A	N/A
REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192NB	6.4	211012GK32QQH	211112GK52QQH	211112GK73QQH	N/A	N/A
REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192ND	6.4	211012GK32QQHRM	211112GK52QQH	211112GK73QQH	N/A	N/A
ABNORMAL ENGINE NOISE (NO) + REPLACE KNOCK SENSOR + ECM UPDATE (NO)	10D192NE	1.5	N/A	N/A	N/A	N/A	392502G700
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + ECM UPDATE (NO)	10D192NF	0.6	N/A	N/A	N/A	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + ECM UPDATE (YES)*	10D192NG	0.5	N/A	N/A	N/A	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (NO)	10D192NH	7.1	211012GK32QQH	211112GK52QQH	211112GK73QQH	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (NO)	10D192NJ	7.1	211012GK32QQHRM	211112GK52QQH	211112GK73QQH	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192NI	7.0	211012GK32QQH	211112GK52QQH	211112GK73QQH	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192NK	7.0	211012GK32QQHRM	211112GK52QQH	211112GK73QQH	N/A	N/A

26) 2017-18MY Santa Fe Sport (AN) 2.0T, AWD, SCC

DESCRIPTION	OP CODE	TIME	ENGINE	SVC KIT 1	SVC KIT 2	OIL COOLER PIPE	KNOCK SENSOR
REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (NO)	10D192MA	7.0	211012GK32QQH	211112GK52QQH	211112GK73QQH	N/A	N/A
REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (NO)	10D192MC	7.0	211012GK32QQHRM	211112GK52QQH	211112GK73QQH	N/A	N/A
REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192MB	6.9	211012GK32QQH	211112GK52QQH	211112GK73QQH	N/A	N/A
REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192MD	6.9	211012GK32QQHRM	211112GK52QQH	211112GK73QQH	N/A	N/A
ABNORMAL ENGINE NOISE (NO) + REPLACE KNOCK SENSOR + ECM UPDATE (NO)	10D192ME	1.5	N/A	N/A	N/A	N/A	392502G700
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + ECM UPDATE (NO)	10D192MF	0.6	N/A	N/A	N/A	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + ECM UPDATE (YES)*	10D192MG	0.5	N/A	N/A	N/A	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (NO)	10D192MH	7.6	211012GK32QQH	211112GK52QQH	211112GK73QQH	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (NO)	10D192MJ	7.6	211012GK32QQHRM	211112GK52QQH	211112GK73QQH	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192MI	7.5	211012GK32QQH	211112GK52QQH	211112GK73QQH	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192MK	7.5	211012GK32QQHRM	211112GK52QQH	211112GK73QQH	N/A	N/A

SUBJECT:

OP CODE/PART NUMBER
(REFERENCE GUIDE FOR SERVICE CAMPAIGN T3G)

27) 2013MY Santa Fe Sport (AN) 2.4L, FWD, non-SCC

DESCRIPTION	OP CODE	TIME	ENGINE	SVC KIT 1	SVC KIT 2	OIL COOLER PIPE	KNOCK SENSOR
REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (NO)	10D192HA	5.3	211012GK01QQH	211112GK50QQH	211112GK70QQH	254702G050QQH	N/A
REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (NO)	10D192HC	5.3	211012GK01QQHRM	211112GK50QQH	211112GK70QQH	254702G050QQH	N/A
REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192HB	5.2	211012GK01QQH	211112GK50QQH	211112GK70QQH	254702G050QQH	N/A
REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192HD	5.2	211012GK01QQHRM	211112GK50QQH	211112GK70QQH	254702G050QQH	N/A
ABNORMAL ENGINE NOISE (NO) + REPLACE KNOCK SENSOR + ECM UPDATE (NO)	10D192HE	1.1	N/A	N/A	N/A	N/A	392502G100
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + ECM UPDATE (NO)	10D192HF	0.6	N/A	N/A	N/A	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + ECM UPDATE (YES)*	10D192HG	0.5	N/A	N/A	N/A	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (NO)	10D192HH	5.9	211012GK01QQH	211112GK50QQH	211112GK70QQH	254702G050QQH	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (NO)	10D192HJ	5.9	211012GK01QQHRM	211112GK50QQH	211112GK70QQH	254702G050QQH	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192HI	5.8	211012GK01QQH	211112GK50QQH	211112GK70QQH	254702G050QQH	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192HK	5.8	211012GK01QQHRM	211112GK50QQH	211112GK70QQH	254702G050QQH	N/A

28) 2013MY Santa Fe Sport (AN) 2.4L, FWD, SCC

DESCRIPTION	OP CODE	TIME	ENGINE	SVC KIT 1	SVC KIT 2	OIL COOLER PIPE	KNOCK SENSOR
REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (NO)	10D192GA	5.8	211012GK01QQH	211112GK50QQH	211112GK70QQH	254702G050QQH	N/A
REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (NO)	10D192GC	5.8	211012GK01QQHRM	211112GK50QQH	211112GK70QQH	254702G050QQH	N/A
REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192GB	5.7	211012GK01QQH	211112GK50QQH	211112GK70QQH	254702G050QQH	N/A
REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192GD	5.7	211012GK01QQHRM	211112GK50QQH	211112GK70QQH	254702G050QQH	N/A
ABNORMAL ENGINE NOISE (NO) + REPLACE KNOCK SENSOR + ECM UPDATE (NO)	10D192GE	1.1	N/A	N/A	N/A	N/A	392502G100
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + ECM UPDATE (NO)	10D192GF	0.6	N/A	N/A	N/A	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + ECM UPDATE (YES)*	10D192GG	0.5	N/A	N/A	N/A	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (NO)	10D192GH	6.4	211012GK01QQH	211112GK50QQH	211112GK70QQH	254702G050QQH	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (NO)	10D192GJ	6.4	211012GK01QQHRM	211112GK50QQH	211112GK70QQH	254702G050QQH	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192GI	6.3	211012GK01QQH	211112GK50QQH	211112GK70QQH	254702G050QQH	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192GK	6.3	211012GK01QQHRM	211112GK50QQH	211112GK70QQH	254702G050QQH	N/A

SUBJECT:

OP CODE/PART NUMBER
(REFERENCE GUIDE FOR SERVICE CAMPAIGN T3G)

29) 2013MY Santa Fe Sport (AN) 2.4L, AWD, non-SCC

DESCRIPTION	OP CODE	TIME	ENGINE	SVC KIT 1	SVC KIT 2	OIL COOLER PIPE	KNOCK SENSOR
REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (NO)	10D192JA	5.7	211012GK01QQH	211112GK50QQH	211112GK70QQH	254702G050QQH	N/A
REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (NO)	10D192JC	5.7	211012GK01QQHRM	211112GK50QQH	211112GK70QQH	254702G050QQH	N/A
REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192JB	5.6	211012GK01QQH	211112GK50QQH	211112GK70QQH	254702G050QQH	N/A
REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192JD	5.6	211012GK01QQHRM	211112GK50QQH	211112GK70QQH	254702G050QQH	N/A
ABNORMAL ENGINE NOISE (NO) + REPLACE KNOCK SENSOR + ECM UPDATE (NO)	10D192JE	1.1	N/A	N/A	N/A	N/A	392502G100
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + ECM UPDATE (NO)	10D192JF	0.6	N/A	N/A	N/A	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + ECM UPDATE (YES)*	10D192JG	0.5	N/A	N/A	N/A	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (NO)	10D192JH	6.3	211012GK01QQH	211112GK50QQH	211112GK70QQH	254702G050QQH	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (NO)	10D192JJ	6.3	211012GK01QQHRM	211112GK50QQH	211112GK70QQH	254702G050QQH	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192JI	6.2	211012GK01QQH	211112GK50QQH	211112GK70QQH	254702G050QQH	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192JK	6.2	211012GK01QQHRM	211112GK50QQH	211112GK70QQH	254702G050QQH	N/A

30) 2013MY Santa Fe Sport (AN) 2.4L, AWD, SCC

DESCRIPTION	OP CODE	TIME	ENGINE	SVC KIT 1	SVC KIT 2	OIL COOLER PIPE	KNOCK SENSOR
REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (NO)	10D192IA	6.2	211012GK01QQH	211112GK50QQH	211112GK70QQH	254702G050QQH	N/A
REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (NO)	10D192IC	6.2	211012GK01QQHRM	211112GK50QQH	211112GK70QQH	254702G050QQH	N/A
REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192IB	6.1	211012GK01QQH	211112GK50QQH	211112GK70QQH	254702G050QQH	N/A
REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192ID	6.1	211012GK01QQHRM	211112GK50QQH	211112GK70QQH	254702G050QQH	N/A
ABNORMAL ENGINE NOISE (NO) + REPLACE KNOCK SENSOR + ECM UPDATE (NO)	10D192IE	1.1	N/A	N/A	N/A	N/A	392502G100
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + ECM UPDATE (NO)	10D192IF	0.6	N/A	N/A	N/A	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + ECM UPDATE (YES)*	10D192IG	0.5	N/A	N/A	N/A	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (NO)	10D192IH	6.8	211012GK01QQH	211112GK50QQH	211112GK70QQH	254702G050QQH	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (NO)	10D192IJ	6.8	211012GK01QQHRM	211112GK50QQH	211112GK70QQH	254702G050QQH	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192II	6.7	211012GK01QQH	211112GK50QQH	211112GK70QQH	254702G050QQH	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192IK	6.7	211012GK01QQHRM	211112GK50QQH	211112GK70QQH	254702G050QQH	N/A

SUBJECT:

OP CODE/PART NUMBER
(REFERENCE GUIDE FOR SERVICE CAMPAIGN T3G)

31) 2014-16MY Santa Fe Sport (AN) 2.4L, FWD, non-SCC

DESCRIPTION	OP CODE	TIME	ENGINE	SVC KIT 1	SVC KIT 2	OIL COOLER PIPE	KNOCK SENSOR
REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (NO)	10D192HA	5.3	211012GK02QQH	211112GK50QQH	211112GK70QQH	254702G050QQH	N/A
REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (NO)	10D192HC	5.3	211012GK02QQHRM	211112GK50QQH	211112GK70QQH	254702G050QQH	N/A
REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192HB	5.2	211012GK02QQH	211112GK50QQH	211112GK70QQH	254702G050QQH	N/A
REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192HD	5.2	211012GK02QQHRM	211112GK50QQH	211112GK70QQH	254702G050QQH	N/A
ABNORMAL ENGINE NOISE (NO) + REPLACE KNOCK SENSOR + ECM UPDATE (NO)	10D192HE	1.1	N/A	N/A	N/A	N/A	392502G100
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + ECM UPDATE (NO)	10D192HF	0.6	N/A	N/A	N/A	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + ECM UPDATE (YES)*	10D192HG	0.5	N/A	N/A	N/A	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (NO)	10D192HH	5.9	211012GK02QQH	211112GK50QQH	211112GK70QQH	254702G050QQH	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (NO)	10D192HJ	5.9	211012GK02QQHRM	211112GK50QQH	211112GK70QQH	254702G050QQH	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192HI	5.8	211012GK02QQH	211112GK50QQH	211112GK70QQH	254702G050QQH	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192HK	5.8	211012GK02QQHRM	211112GK50QQH	211112GK70QQH	254702G050QQH	N/A

32) 2014-16MY Santa Fe Sport (AN) 2.4L, FWD, SCC

DESCRIPTION	OP CODE	TIME	ENGINE	SVC KIT 1	SVC KIT 2	OIL COOLER PIPE	KNOCK SENSOR
REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (NO)	10D192GA	5.8	211012GK02QQH	211112GK50QQH	211112GK70QQH	254702G050QQH	N/A
REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (NO)	10D192GC	5.8	211012GK02QQHRM	211112GK50QQH	211112GK70QQH	254702G050QQH	N/A
REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192GB	5.7	211012GK02QQH	211112GK50QQH	211112GK70QQH	254702G050QQH	N/A
REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192GD	5.7	211012GK02QQHRM	211112GK50QQH	211112GK70QQH	254702G050QQH	N/A
ABNORMAL ENGINE NOISE (NO) + REPLACE KNOCK SENSOR + ECM UPDATE (NO)	10D192GE	1.1	N/A	N/A	N/A	N/A	392502G100
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + ECM UPDATE (NO)	10D192GF	0.6	N/A	N/A	N/A	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + ECM UPDATE (YES)*	10D192GG	0.5	N/A	N/A	N/A	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (NO)	10D192GH	6.4	211012GK02QQH	211112GK50QQH	211112GK70QQH	254702G050QQH	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (NO)	10D192GJ	6.4	211012GK02QQHRM	211112GK50QQH	211112GK70QQH	254702G050QQH	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192GI	6.3	211012GK02QQH	211112GK50QQH	211112GK70QQH	254702G050QQH	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192GK	6.3	211012GK02QQHRM	211112GK50QQH	211112GK70QQH	254702G050QQH	N/A

SUBJECT:

OP CODE/PART NUMBER
(REFERENCE GUIDE FOR SERVICE CAMPAIGN T3G)

33) 2014-16MY Santa Fe Sport (AN) 2.4L, AWD, non-SCC

DESCRIPTION	OP CODE	TIME	ENGINE	SVC KIT 1	SVC KIT 2	OIL COOLER PIPE	KNOCK SENSOR
REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (NO)	10D192JA	5.7	211012GK02QQH	211112GK50QQH	211112GK70QQH	254702G050QQH	N/A
REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (NO)	10D192JC	5.7	211012GK02QQHRM	211112GK50QQH	211112GK70QQH	254702G050QQH	N/A
REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192JB	5.6	211012GK02QQH	211112GK50QQH	211112GK70QQH	254702G050QQH	N/A
REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192JD	5.6	211012GK02QQHRM	211112GK50QQH	211112GK70QQH	254702G050QQH	N/A
ABNORMAL ENGINE NOISE (NO) + REPLACE KNOCK SENSOR + ECM UPDATE (NO)	10D192JE	1.1	N/A	N/A	N/A	N/A	392502G100
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + ECM UPDATE (NO)	10D192JF	0.6	N/A	N/A	N/A	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + ECM UPDATE (YES)*	10D192JG	0.5	N/A	N/A	N/A	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (NO)	10D192JH	6.3	211012GK02QQH	211112GK50QQH	211112GK70QQH	254702G050QQH	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (NO)	10D192JJ	6.3	211012GK02QQHRM	211112GK50QQH	211112GK70QQH	254702G050QQH	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192JI	6.2	211012GK02QQH	211112GK50QQH	211112GK70QQH	254702G050QQH	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192JK	6.2	211012GK02QQHRM	211112GK50QQH	211112GK70QQH	254702G050QQH	N/A

34) 2014-16MY Santa Fe Sport (AN) 2.4L, AWD, SCC

DESCRIPTION	OP CODE	TIME	ENGINE	SVC KIT 1	SVC KIT 2	OIL COOLER PIPE	KNOCK SENSOR
REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (NO)	10D192IA	6.2	211012GK02QQH	211112GK50QQH	211112GK70QQH	254702G050QQH	N/A
REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (NO)	10D192IC	6.2	211012GK02QQHRM	211112GK50QQH	211112GK70QQH	254702G050QQH	N/A
REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192IB	6.1	211012GK02QQH	211112GK50QQH	211112GK70QQH	254702G050QQH	N/A
REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192ID	6.1	211012GK02QQHRM	211112GK50QQH	211112GK70QQH	254702G050QQH	N/A
ABNORMAL ENGINE NOISE (NO) + REPLACE KNOCK SENSOR + ECM UPDATE (NO)	10D192IE	1.1	N/A	N/A	N/A	N/A	392502G100
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + ECM UPDATE (NO)	10D192IF	0.6	N/A	N/A	N/A	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + ECM UPDATE (YES)*	10D192IG	0.5	N/A	N/A	N/A	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (NO)	10D192IH	6.8	211012GK02QQH	211112GK50QQH	211112GK70QQH	254702G050QQH	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (NO)	10D192IJ	6.8	211012GK02QQHRM	211112GK50QQH	211112GK70QQH	254702G050QQH	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192II	6.7	211012GK02QQH	211112GK50QQH	211112GK70QQH	254702G050QQH	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192IK	6.7	211012GK02QQHRM	211112GK50QQH	211112GK70QQH	254702G050QQH	N/A

SUBJECT:

OP CODE/PART NUMBER
(REFERENCE GUIDE FOR SERVICE CAMPAIGN T3G)

35) 2017-18MY Santa Fe Sport (AN) 2.4L, FWD, non-SCC

DESCRIPTION	OP CODE	TIME	ENGINE	SVC KIT 1	SVC KIT 2	OIL COOLER PIPE	KNOCK SENSOR
REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (NO)	10D192HA	5.3	211012GK31QQH	211112GK51QQH	211112GK71QQH	N/A	N/A
REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (NO)	10D192HC	5.3	211012GK31QQHRM	211112GK51QQH	211112GK71QQH	N/A	N/A
REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192HB	5.2	211012GK31QQH	211112GK51QQH	211112GK71QQH	N/A	N/A
REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192HD	5.2	211012GK31QQHRM	211112GK51QQH	211112GK71QQH	N/A	N/A
ABNORMAL ENGINE NOISE (NO) + REPLACE KNOCK SENSOR + ECM UPDATE (NO)	10D192HE	1.1	N/A	N/A	N/A	N/A	392502G100
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + ECM UPDATE (NO)	10D192HF	0.6	N/A	N/A	N/A	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + ECM UPDATE (YES)*	10D192HG	0.5	N/A	N/A	N/A	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (NO)	10D192HH	5.9	211012GK31QQH	211112GK51QQH	211112GK71QQH	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (NO)	10D192HJ	5.9	211012GK31QQHRM	211112GK51QQH	211112GK71QQH	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192HI	5.8	211012GK31QQH	211112GK51QQH	211112GK71QQH	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192HK	5.8	211012GK31QQHRM	211112GK51QQH	211112GK71QQH	N/A	N/A

36) 2017-18MY Santa Fe Sport (AN) 2.4L, FWD, SCC

DESCRIPTION	OP CODE	TIME	ENGINE	SVC KIT 1	SVC KIT 2	OIL COOLER PIPE	KNOCK SENSOR
REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (NO)	10D192GA	5.8	211012GK31QQH	211112GK51QQH	211112GK71QQH	N/A	N/A
REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (NO)	10D192GC	5.8	211012GK31QQHRM	211112GK51QQH	211112GK71QQH	N/A	N/A
REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192GB	5.7	211012GK31QQH	211112GK51QQH	211112GK71QQH	N/A	N/A
REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192GD	5.7	211012GK31QQHRM	211112GK51QQH	211112GK71QQH	N/A	N/A
ABNORMAL ENGINE NOISE (NO) + REPLACE KNOCK SENSOR + ECM UPDATE (NO)	10D192GE	1.1	N/A	N/A	N/A	N/A	392502G100
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + ECM UPDATE (NO)	10D192GF	0.6	N/A	N/A	N/A	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + ECM UPDATE (YES)*	10D192GG	0.5	N/A	N/A	N/A	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (NO)	10D192GH	6.4	211012GK31QQH	211112GK51QQH	211112GK71QQH	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (NO)	10D192GJ	6.4	211012GK31QQHRM	211112GK51QQH	211112GK71QQH	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192GI	6.3	211012GK31QQH	211112GK51QQH	211112GK71QQH	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192GK	6.3	211012GK31QQHRM	211112GK51QQH	211112GK71QQH	N/A	N/A

SUBJECT:

OP CODE/PART NUMBER
(REFERENCE GUIDE FOR SERVICE CAMPAIGN T3G)

37) 2017-18MY Santa Fe Sport (AN) 2.4L, AWD, non-SCC

DESCRIPTION	OP CODE	TIME	ENGINE	SVC KIT 1	SVC KIT 2	OIL COOLER PIPE	KNOCK SENSOR
REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (NO)	10D192JA	5.7	211012GK31QQH	211112GK51QQH	211112GK71QQH	N/A	N/A
REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (NO)	10D192JC	5.7	211012GK31QQHRM	211112GK51QQH	211112GK71QQH	N/A	N/A
REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192JB	5.6	211012GK31QQH	211112GK51QQH	211112GK71QQH	N/A	N/A
REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192JD	5.6	211012GK31QQHRM	211112GK51QQH	211112GK71QQH	N/A	N/A
ABNORMAL ENGINE NOISE (NO) + REPLACE KNOCK SENSOR + ECM UPDATE (NO)	10D192JE	1.1	N/A	N/A	N/A	N/A	392502G100
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + ECM UPDATE (NO)	10D192JF	0.6	N/A	N/A	N/A	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + ECM UPDATE (YES)*	10D192JG	0.5	N/A	N/A	N/A	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (NO)	10D192JH	6.3	211012GK31QQH	211112GK51QQH	211112GK71QQH	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (NO)	10D192JJ	6.3	211012GK31QQHRM	211112GK51QQH	211112GK71QQH	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192JI	6.2	211012GK31QQH	211112GK51QQH	211112GK71QQH	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192JK	6.2	211012GK31QQHRM	211112GK51QQH	211112GK71QQH	N/A	N/A

38) 2017-18MY Santa Fe Sport (AN) 2.4L, AWD, SCC

DESCRIPTION	OP CODE	TIME	ENGINE	SVC KIT 1	SVC KIT 2	OIL COOLER PIPE	KNOCK SENSOR
REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (NO)	10D192IA	6.2	211012GK31QQH	211112GK51QQH	211112GK71QQH	N/A	N/A
REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (NO)	10D192IC	6.2	211012GK31QQHRM	211112GK51QQH	211112GK71QQH	N/A	N/A
REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192IB	6.1	211012GK31QQH	211112GK51QQH	211112GK71QQH	N/A	N/A
REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192ID	6.1	211012GK31QQHRM	211112GK51QQH	211112GK71QQH	N/A	N/A
ABNORMAL ENGINE NOISE (NO) + REPLACE KNOCK SENSOR + ECM UPDATE (NO)	10D192IE	1.1	N/A	N/A	N/A	N/A	392502G100
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + ECM UPDATE (NO)	10D192IF	0.6	N/A	N/A	N/A	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + ECM UPDATE (YES)*	10D192IG	0.5	N/A	N/A	N/A	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (NO)	10D192IH	6.8	211012GK31QQH	211112GK51QQH	211112GK71QQH	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (NO)	10D192IJ	6.8	211012GK31QQHRM	211112GK51QQH	211112GK71QQH	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192II	6.7	211012GK31QQH	211112GK51QQH	211112GK71QQH	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192IK	6.7	211012GK31QQHRM	211112GK51QQH	211112GK71QQH	N/A	N/A

SUBJECT:

OP CODE/PART NUMBER
(REFERENCE GUIDE FOR SERVICE CAMPAIGN T3G)

39) 2014-15MY Tucson (LM) 2.4L, FWD

DESCRIPTION	OP CODE	TIME	ENGINE	SVC KIT 1	SVC KIT 2	OIL COOLER PIPE	KNOCK SENSOR
REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (NO)	10D192QA	5.2	211012GK36QQH	211112GK50QQH	211112GK70QQH	254702G050QQH	N/A
REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (NO)	10D192QC	5.2	211012GK36QQHRM	211112GK50QQH	211112GK70QQH	254702G050QQH	N/A
REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192QB	5.1	211012GK36QQH	211112GK50QQH	211112GK70QQH	254702G050QQH	N/A
REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192QD	5.1	211012GK36QQHRM	211112GK50QQH	211112GK70QQH	254702G050QQH	N/A
ABNORMAL ENGINE NOISE (NO) + REPLACE KNOCK SENSOR + ECM UPDATE (NO)	10D192QE	0.5	N/A	N/A	N/A	N/A	392502G100
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + ECM UPDATE (NO)	10D192QF	0.6	N/A	N/A	N/A	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + ECM UPDATE (YES)*	10D192QG	0.5	N/A	N/A	N/A	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (NO)	10D192QH	5.8	211012GK36QQH	211112GK50QQH	211112GK70QQH	254702G050QQH	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (NO)	10D192QJ	5.8	211012GK36QQHRM	211112GK50QQH	211112GK70QQH	254702G050QQH	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192QI	5.7	211012GK36QQH	211112GK50QQH	211112GK70QQH	254702G050QQH	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192QK	5.7	211012GK36QQHRM	211112GK50QQH	211112GK70QQH	254702G050QQH	N/A

SUBJECT:

OP CODE/PART NUMBER
(REFERENCE GUIDE FOR SERVICE CAMPAIGN T3G)

40) 2014-15MY Tucson (LM) 2.4L, AWD

DESCRIPTION	OP CODE	TIME	ENGINE	SVC KIT 1	SVC KIT 2	OIL COOLER PIPE	KNOCK SENSOR
REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (NO)	10D192SA	5.7	211012GK36QQH	211112GK50QQH	211112GK70QQH	254702G050QQH	N/A
REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (NO)	10D192SC	5.7	211012GK36QQHRM	211112GK50QQH	211112GK70QQH	254702G050QQH	N/A
REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192SB	5.6	211012GK36QQH	211112GK50QQH	211112GK70QQH	254702G050QQH	N/A
REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192SD	5.6	211012GK36QQHRM	211112GK50QQH	211112GK70QQH	254702G050QQH	N/A
ABNORMAL ENGINE NOISE (NO) + REPLACE KNOCK SENSOR + ECM UPDATE (NO)	10D192SE	0.5	N/A	N/A	N/A	N/A	392502G100
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + ECM UPDATE (NO)	10D192SF	0.6	N/A	N/A	N/A	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + ECM UPDATE (YES)*	10D192SG	0.5	N/A	N/A	N/A	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (NO)	10D192SH	6.3	211012GK36QQH	211112GK50QQH	211112GK70QQH	254702G050QQH	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (NO)	10D192SJ	6.3	211012GK36QQHRM	211112GK50QQH	211112GK70QQH	254702G050QQH	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192SI	6.2	211012GK36QQH	211112GK50QQH	211112GK70QQH	254702G050QQH	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (REMAN) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192SK	6.2	211012GK36QQHRM	211112GK50QQH	211112GK70QQH	254702G050QQH	N/A

SUBJECT:

OP CODE/PART NUMBER
(REFERENCE GUIDE FOR SERVICE CAMPAIGN T3G)

41) 2018MY Tucson (TL) 2.4L, FWD

DESCRIPTION	OP CODE	TIME	ENGINE	SVC KIT 1	SVC KIT 2	OIL COOLER PIPE	KNOCK SENSOR
REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (NO)	10D192OA	5.1	211012GK52QQH	211112GK51QQH	211112GK71QQH	N/A	N/A
REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192OB	5.0	211012GK52QQH	211112GK51QQH	211112GK71QQH	N/A	N/A
ABNORMAL ENGINE NOISE (NO) + REPLACE KNOCK SENSOR + ECM UPDATE (NO)	10D192OE	1.1	N/A	N/A	N/A	N/A	392502G100
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + ECM UPDATE (NO)	10D192OF	0.6	N/A	N/A	N/A	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + ECM UPDATE (YES)*	10D192OG	0.5	N/A	N/A	N/A	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (NO)	10D192OH	5.7	211012GK52QQH	211112GK51QQH	211112GK71QQH	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192OI	5.6	211012GK52QQH	211112GK51QQH	211112GK71QQH	N/A	N/A

42) 2018MY Tucson (TL) 2.4L, AWD

DESCRIPTION	OP CODE	TIME	ENGINE	SVC KIT 1	SVC KIT 2	OIL COOLER PIPE	KNOCK SENSOR
REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (NO)	10D192PA	5.5	211012GK52QQH	211112GK51QQH	211112GK71QQH	N/A	N/A
REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192PB	5.4	211012GK52QQH	211112GK51QQH	211112GK71QQH	N/A	N/A
ABNORMAL ENGINE NOISE (NO) + REPLACE KNOCK SENSOR + ECM UPDATE (NO)	10D192PE	1.1	N/A	N/A	N/A	N/A	392502G100
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + ECM UPDATE (NO)	10D192PF	0.6	N/A	N/A	N/A	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + ECM UPDATE (YES)*	10D192PG	0.5	N/A	N/A	N/A	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (NO)	10D192PH	6.1	211012GK52QQH	211112GK51QQH	211112GK71QQH	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (OE) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	10D192PI	6.0	211012GK52QQH	211112GK51QQH	211112GK71QQH	N/A	N/A

SUBJECT:

OP CODE/PART NUMBER
(REFERENCE GUIDE FOR SERVICE CAMPAIGN T3G)

Inspection OP Code Table (Certain 19MY affected with 2.0L and 2.4T engines)

MY/MODEL/ENGINE	DESCRIPTION	OP CODE	OP TIME
19MY Sonata (LF), 19MY Santa Fe (TM), with 2.0T and 2.4L engines & 19MY Tucson (TL) with 2.4L engines, & 19MY Veloster N (JSN) with 2.0T engines	KSDS AND/OR P1326 CEL ON (YES) + EXTERNAL DAMAGE (NO) + OIL DIPSTICK (NO) + OIL DRAIN ≥ 1.5QT (NO) + SUBMIT PA	21102F00	0.3
	KSDS AND/OR P1326 CEL ON (YES) + EXTERNAL DAMAGE (NO) + OIL DIPSTICK (NO) + OIL DRAIN ≥ 1.5QT (YES) + CRANK ROTATION (NO) + SUBMIT PA	21102F01	1.7
	KSDS AND/OR P1326 CEL ON (YES) + EXTERNAL DAMAGE (NO) + OIL DIPSTICK (NO) + OIL DRAIN ≥ 1.5QT (YES) + CRANK ROTATION (YES) + BCT RESULT (NO PASS)	21102F02	1.4
	KSDS AND/OR P1326 CEL ON (YES) + EXTERNAL DAMAGE (NO) + OIL DIPSTICK (NO) + OIL DRAIN ≥ 1.5QT (YES) + CRANK ROTATION (YES) + BCT RESULT (PASS)	21102F03	1.1
	KSDS AND/OR P1326 CEL ON (YES) + EXTERNAL DAMAGE (NO) + OIL DIPSTICK (NO) + OIL DRAIN ≥ 1.5QT (YES) + CRANK ROTATION (YES) + BCT RESULT (NO BCT)	21102F04	1.7
	KSDS AND/OR P1326 CEL ON (YES) + EXTERNAL DAMAGE (NO) + OIL DIPSTICK (YES) + CRANK ROTATION (YES) + BCT RESULT (NO PASS)	21102F05	1.1
	KSDS AND/OR P1326 CEL ON (YES) + EXTERNAL DAMAGE (NO) + OIL DIPSTICK (YES) + CRANK ROTATION (YES) + BCT RESULT (PASS)	21102F06	0.8
	KSDS AND/OR P1326 CEL ON (YES) + EXTERNAL DAMAGE (NO) + OIL DIPSTICK (YES) + CRANK ROTATION (YES) + BCT RESULT (NO BCT)	21102F07	1.4

SUBJECT:

OP CODE/PART NUMBER
(REFERENCE GUIDE FOR SERVICE CAMPAIGN T3G)

Replacement Op Code Tables (19MY Model Years)**43) 2019MY Sonata (LF) 2.0T**

DESCRIPTION	OP CODE	TIME	ENGINE	SVC KIT 1	SVC KIT 2	OIL COOLER PIPE	KNOCK SENSOR
REPLACE ENGINE (OE/REMAN) + NEW ECM S/W AVAILABLE (NO)	21103F00	7.7	211012GK16 211012GK16HRM	N/A	N/A	N/A	N/A
REPLACE ENGINE (OE/REMAN) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	21103F01	7.6	211012GK16 211012GK16HRM	N/A	N/A	N/A	N/A
ABNORMAL ENGINE NOISE (NO) + REPLACE KNOCK SENSOR + ECM UPDATE (NO)	21103F02	1.1	N/A	N/A	N/A	N/A	392502G700
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + ECM UPDATE (NO)	21103F03	0.6	N/A	N/A	N/A	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + ECM UPDATE (YES)*	21103F04	0.5	N/A	N/A	N/A	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (OE/REMAN) + NEW ECM S/W AVAILABLE (NO)	21103F05	8.3	211012GK16 211012GK16HRM	N/A	N/A	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (OE/REMAN) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	21103F06	8.2	211012GK16 211012GK16HRM	N/A	N/A	N/A	N/A

44) 2019MY Sonata (LF) 2.4L

DESCRIPTION	OP CODE	TIME	ENGINE	SVC KIT 1	SVC KIT 2	OIL COOLER PIPE	KNOCK SENSOR
REPLACE ENGINE (OE/REMAN) + NEW ECM S/W AVAILABLE (NO)	21103F07	6.9	211012GK18 211012GK18HRM	N/A	N/A	N/A	N/A
REPLACE ENGINE (OE/REMAN) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	21103F08	6.8	211012GK18 211012GK18HRM	N/A	N/A	N/A	N/A
ABNORMAL ENGINE NOISE (NO) + REPLACE KNOCK SENSOR + ECM UPDATE (NO)	21103F09	1.1	N/A	N/A	N/A	N/A	392502G100
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + ECM UPDATE (NO)	21103F10	0.6	N/A	N/A	N/A	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + ECM UPDATE (YES)*	21103F11	0.5	N/A	N/A	N/A	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (OE/REMAN) + NEW ECM S/W AVAILABLE (NO)	21103F12	7.5	211012GK18 211012GK18HRM	N/A	N/A	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (OE/REMAN) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	21103F13	7.4	211012GK18 211012GK18HRM	N/A	N/A	N/A	N/A

45) 2019MY Santa Fe (TM) 2.0T, FWD

DESCRIPTION	OP CODE	TIME	ENGINE	SVC KIT 1	SVC KIT 2	OIL COOLER PIPE	KNOCK SENSOR
REPLACE ENGINE (OE/REMAN) + NEW ECM S/W AVAILABLE (NO)	21103F28	7.6	211012GK17 211012GK17HRM	N/A	N/A	N/A	N/A
REPLACE ENGINE (OE/REMAN) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	21103F29	7.5	211012GK17 211012GK17HRM	N/A	N/A	N/A	N/A
ABNORMAL ENGINE NOISE (NO) + REPLACE KNOCK SENSOR + ECM UPDATE (NO)	21103F30	1.3	N/A	N/A	N/A	N/A	392502G700
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + ECM UPDATE (NO)	21103F31	0.6	N/A	N/A	N/A	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + ECM UPDATE (YES)*	21103F32	0.5	N/A	N/A	N/A	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (OE/REMAN) + NEW ECM S/W AVAILABLE (NO)	21103F33	8.2	211012GK17 211012GK17HRM	N/A	N/A	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (OE/REMAN) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	21103F34	8.1	211012GK17 211012GK17HRM	N/A	N/A	N/A	N/A

SUBJECT:

OP CODE/PART NUMBER
(REFERENCE GUIDE FOR SERVICE CAMPAIGN T3G)

46) 2019MY Santa Fe (TM) 2.0T, AWD

DESCRIPTION	OP CODE	TIME	ENGINE	SVC KIT 1	SVC KIT 2	OIL COOLER PIPE	KNOCK SENSOR
REPLACE ENGINE (OE/REMAN) + NEW ECM S/W AVAILABLE (NO)	21103F35	8.0	211012GK17 211012GK17HRM	N/A	N/A	N/A	N/A
REPLACE ENGINE (OE/REMAN) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	21103F36	7.9	211012GK17 211012GK17HRM	N/A	N/A	N/A	N/A
ABNORMAL ENGINE NOISE (NO) + REPLACE KNOCK SENSOR + ECM UPDATE (NO)	21103F37	1.3	N/A	N/A	N/A	N/A	392502G700
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + ECM UPDATE (NO)	21103F38	0.6	N/A	N/A	N/A	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + ECM UPDATE (YES)*	21103F39	0.5	N/A	N/A	N/A	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (OE/REMAN) + NEW ECM S/W AVAILABLE (NO)	21103F40	8.6	211012GK17 211012GK17HRM	N/A	N/A	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (OE/REMAN) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	21103F41	8.5	211012GK17 211012GK17HRM	N/A	N/A	N/A	N/A

47) 2019MY Santa Fe (TM) 2.4L, FWD

DESCRIPTION	OP CODE	TIME	ENGINE	SVC KIT 1	SVC KIT 2	OIL COOLER PIPE	KNOCK SENSOR
REPLACE ENGINE (OE/REMAN) + NEW ECM S/W AVAILABLE (NO)	21103F42	7.1	211012GK18 211012GK18HRM	N/A	N/A	N/A	N/A
REPLACE ENGINE (OE/REMAN) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	21103F43	7.0	211012GK18 211012GK18HRM	N/A	N/A	N/A	N/A
ABNORMAL ENGINE NOISE (NO) + REPLACE KNOCK SENSOR + ECM UPDATE (NO)	21103F44	0.5	N/A	N/A	N/A	N/A	392502G100
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + ECM UPDATE (NO)	21103F45	0.6	N/A	N/A	N/A	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + ECM UPDATE (YES)*	21103F46	0.5	N/A	N/A	N/A	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (OE/REMAN) + NEW ECM S/W AVAILABLE (NO)	21103F47	7.7	211012GK18 211012GK18HRM	N/A	N/A	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (OE/REMAN) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	21103F48	7.6	211012GK18 211012GK18HRM	N/A	N/A	N/A	N/A

48) 2019MY Santa Fe (TM) 2.4L, AWD

DESCRIPTION	OP CODE	TIME	ENGINE	SVC KIT 1	SVC KIT 2	OIL COOLER PIPE	KNOCK SENSOR
REPLACE ENGINE (OE/REMAN) + NEW ECM S/W AVAILABLE (NO)	21103F49	7.5	211012GK18 211012GK18HRM	N/A	N/A	N/A	N/A
REPLACE ENGINE (OE/REMAN) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	21103F50	7.4	211012GK18 211012GK18HRM	N/A	N/A	N/A	N/A
ABNORMAL ENGINE NOISE (NO) + REPLACE KNOCK SENSOR + ECM UPDATE (NO)	21103F51	0.5	N/A	N/A	N/A	N/A	392502G100
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + ECM UPDATE (NO)	21103F52	0.6	N/A	N/A	N/A	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + ECM UPDATE (YES)*	21103F53	0.5	N/A	N/A	N/A	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (OE/REMAN) + NEW ECM S/W AVAILABLE (NO)	21103F54	8.1	211012GK18 211012GK18HRM	N/A	N/A	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (OE/REMAN) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	21103F55	8.0	211012GK18 211012GK18HRM	N/A	N/A	N/A	N/A

SUBJECT:

OP CODE/PART NUMBER
(REFERENCE GUIDE FOR SERVICE CAMPAIGN T3G)

49) 2019MY Tucson (TL) 2.4L, FWD

DESCRIPTION	OP CODE	TIME	ENGINE	SVC KIT 1	SVC KIT 2	OIL COOLER PIPE	KNOCK SENSOR
REPLACE ENGINE (OE/REMAN) + NEW ECM S/W AVAILABLE (NO)	21103F14	7.0	1T20G2GA13F 1T20G2GA13FHRM	N/A	N/A	N/A	N/A
REPLACE ENGINE (OE/REMAN) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	21103F15	6.9	1T20G2GA13F 1T20G2GA13FHRM	N/A	N/A	N/A	N/A
ABNORMAL ENGINE NOISE (NO) + REPLACE KNOCK SENSOR + ECM UPDATE (NO)	21103F16	1.1	N/A	N/A	N/A	N/A	392502G100
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + ECM UPDATE (NO)	21103F17	0.6	N/A	N/A	N/A	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + ECM UPDATE (YES)*	21103F18	0.5	N/A	N/A	N/A	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (OE/REMAN) + NEW ECM S/W AVAILABLE (NO)	21103F19	7.6	1T20G2GA13F 1T20G2GA13FHRM	N/A	N/A	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (OE/REMAN) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	21103F20	7.5	1T20G2GA13F 1T20G2GA13FHRM	N/A	N/A	N/A	N/A

50) 2019MY Tucson (TL) 2.4L, AWD

DESCRIPTION	OP CODE	TIME	ENGINE	SVC KIT 1	SVC KIT 2	OIL COOLER PIPE	KNOCK SENSOR
REPLACE ENGINE (OE/REMAN) + NEW ECM S/W AVAILABLE (NO)	21103F21	7.4	1T20G2GA13F 1T20G2GA13FHRM	N/A	N/A	N/A	N/A
REPLACE ENGINE (OE/REMAN) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	21103F22	7.3	1T20G2GA13F 1T20G2GA13FHRM	N/A	N/A	N/A	N/A
ABNORMAL ENGINE NOISE (NO) + REPLACE KNOCK SENSOR + ECM UPDATE (NO)	21103F23	1.1	N/A	N/A	N/A	N/A	392502G100
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + ECM UPDATE (NO)	21103F24	0.6	N/A	N/A	N/A	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + ECM UPDATE (YES)*	21103F25	0.5	N/A	N/A	N/A	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (OE/REMAN) + NEW ECM S/W AVAILABLE (NO)	21103F26	8.0	1T20G2GA13F 1T20G2GA13FHRM	N/A	N/A	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (OE/REMAN) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	21103F27	7.9	1T20G2GA13F 1T20G2GA13FHRM	N/A	N/A	N/A	N/A

51) 2019MY Veloster (JSN) 2.0T

DESCRIPTION	OP CODE	TIME	ENGINE	SVC KIT 1	SVC KIT 2	OIL COOLER PIPE	KNOCK SENSOR
REPLACE ENGINE (OE/REMAN) + NEW ECM S/W AVAILABLE (NO)	21103F56	8.1	1T05T2GA14F 1T05T2GA14FHRM	N/A	N/A	N/A	N/A
REPLACE ENGINE (OE/REMAN) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	21103F57	8.0	1T05T2GA14F 1T05T2GA14FHRM	N/A	N/A	N/A	N/A
ABNORMAL ENGINE NOISE (NO) + REPLACE KNOCK SENSOR + ECM UPDATE (NO)	21103F58	1.1	N/A	N/A	N/A	N/A	392502G700
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + ECM UPDATE (NO)	21103F59	0.6	N/A	N/A	N/A	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + ECM UPDATE (YES)*	21103F60	0.5	N/A	N/A	N/A	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (OE/REMAN) + NEW ECM S/W AVAILABLE (NO)	21103F61	8.7	1T05T2GA14F 1T05T2GA14FHRM	N/A	N/A	N/A	N/A
ABNORMAL ENGINE NOISE (YES) + REFER TO HTSS (YES)/SUBMIT PA + REPLACE ENGINE (OE/REMAN) + NEW ECM S/W AVAILABLE (YES) + ECM UPDATE (YES)*	21103F62	8.6	1T05T2GA14F 1T05T2GA14FHRM	N/A	N/A	N/A	N/A