

TSB EG-0095T-1112
TOYOTA MOTOR EUROPE NV / SA

Models: AURIS, COROLLA, IQ, URBAN CRUISER, VERSO-S, YARIS **Model Codes:** NRE150, NRE180, NDE180, NRE150, NGJ10, NSP110, NSP120, NSP130, NSP90

Some customers may complain about excessive oil consumption. This is caused by clogging up the drain holes of the oil-removal rings.

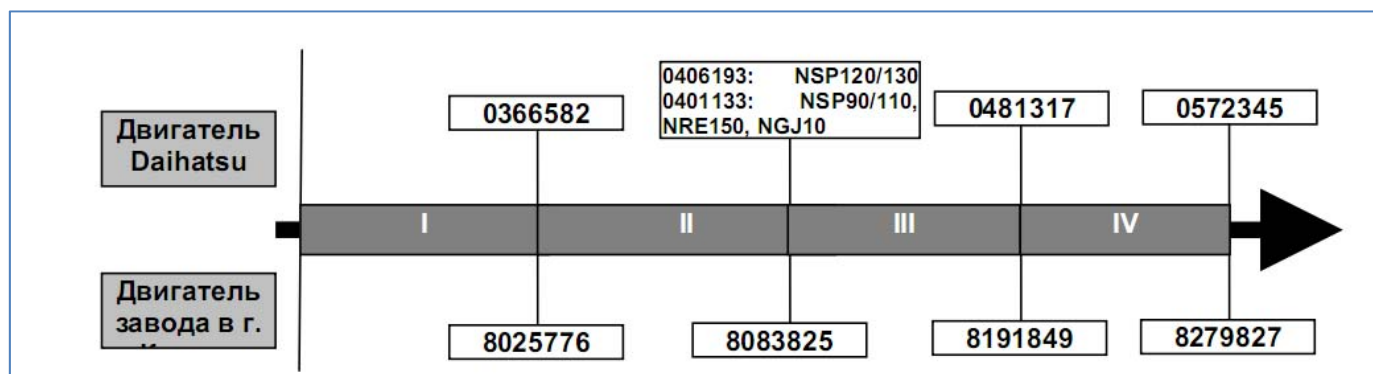
INFORMATION ON PRODUCTION CHANGES

Manufacturer of the engine	Enters into force for engines with numbers	It is put into effect at the Factory - engine manufacturer
Shiga (Daihatsu)	After 0572345	After 29.01.2013
Camigo (Toyota)	After 8279827	After 04.02.2013

- Engines produced Daihatsu, beginning with "0"
- Engines produced at the plant in Kamigo, starting with "8"

REPAIR PROCEDURE:

Check the number of the engine to determine the zone to which it belongs (zone I, II, III or IV):



Determine the required maintenance operations, using the following table:

Zone	Operation
I	A, B, D
II	A, B, C, D
III	B, C, D
IV	B, D

Operation	Operation Description
A	Replace cylinder head cover
B	Clean the cylinder head from carbon deposits (combustion chamber, valves, Valve seats, intake and exhaust ports).
C	Replace the oil system nozzle (without removing the crankshaft)
D	Replace the following parts: the piston assembly with the finger and the kit Piston rings

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INFORMATION ABOUT DETAILS

Previous detail number	Current number	The details - Model Code	the name of detail	Amount
11201-47100	11201-47101	NSP130, NSP120	Head cover Cylinders	1
11201-47071	11201-47072	NSP90,NRE150, NSP110		
11201-47080	11201-47081	NGJ10		
15708-47040	15708-47030	All	Oil system nozzle	4
13101-47021	13101-47022	All	Piston complete with finger	4
13101-47020				
13011-47031	13011-47032	All	Piston ring set	1
13011-47030				

QUALITY SERVICE IMPORTANT

Do not use the following combinations:

- new piston assembly with a finger (13101-47022) and a set of old piston ring (or 13011-47030 or 13011-47031)
- old piston assembly with a finger (13101-47020 or 13101-47021) and a set of new piston rings (13011-47032)

Also:

- **It is forbidden to reuse the connecting rod** when removing or replacing the piston assembly with the finger. It is necessary to order and install a new connecting rod. For details, refer to the repair manual.
- When replacing the oil system injector, it is not necessary to remove the crankshaft