



Work Hour Manual

(Please carefully read Appendix 1: Instructions for Work Hour Manual)

Dongfeng Motor Corporation Passenger Vehicle Company
Nov. 2018

1. Common work hour

2. Mechanical service

3. Body equipment

4. Sheet metal painting

E70

Work Hour Manual

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Work Hour Manual for Dongfeng E70

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Common work hour

Common work hour for powertrain	1-3
Common work hour for chassis	1-4
Common work hour for body equipment	1-5
Common work hour for electric devices	1-6

Common work hour for powertrain			
Service operation	Complete work hour		Reference page
Powertrain	No.	Time	
Replacement of powertrain right flexible bracket (independently-developed motor)	180030910AQ	0.70	2-8
Replacement of powertrain right flexible bracket (Continental AG motor)	180030910CQ	0.70	2-7
Replacement of powertrain left flexible bracket (independently-developed motor)	180070910AQ	0.70	2-8
Replacement of powertrain left flexible bracket (Continental AG motor)	180070910CQ	0.70	2-7
Replacement of torsional link assembly (independently-developed motor)	180120910AQ	0.50	2-8
Replacement of torsional link assembly (Continental AG motor)	180120910CQ	0.50	2-7
Removal and refitting of battery assembly	213010210GQ	1.60	2-9
Replacement of battery assembly (including traction battery testing)	213010910GQ	2.00	2-9
Replacement of service switch	213020910GQ	0.20	2-9
Replacement of coolant temperature sensor (including coolant adding)	174010910GQ	0.60	2-10
Replacement of radiator (including draining-adding of coolant)	280010910GQ	1.50	2-10
Change of coolant	280020910GQ	0.50	2-10
Replacement of electric water pump (including draining-adding of coolant)	283010910CQ	1.00	2-10
Replacement of radiator water inlet pipe (including draining-adding of coolant)	283040910GQ	0.70	2-10
Replacement of radiator water outlet pipe (including draining-adding of coolant)	283050910GQ	0.70	2-10
Replacement of fan motor assembly	284010910GQ	0.80	2-10
Replacement of reducer (independently-developed motor)	320010910BQ	4.00	2-13
Change of reducer oil	324010910GQ	0.30	2-13
Replacement of input shaft oil seal (independently-developed motor)	327030910BQ	4.20	2-13
Replacement of reducer housing oil seal on left side (Continental AG motor)	332050910CQ	1.20	2-12
Replacement of reducer housing oil seal on right side (Continental AG motor)	332060910CQ	1.40	2-12
Replacement of reducer housing oil seals on both sides (Continental AG motor)	332070910CQ	2.40	2-12
Replacement of reducer housing oil seal on left side (independently-developed motor)	332050910AQ	1.20	2-13
Replacement of reducer housing oil seal on right side (independently-developed motor)	332060910AQ	1.40	2-13
Replacement of reducer housing oil seals on both sides (independently-developed motor)	332070910AQ	2.40	2-13
Replacement of transmission assembly (Continental AG motor)	339010910CQ	1.50	2-12
Replacement of transmission assembly (independently-developed motor)	339010910AQ	1.00	2-13

Common work hour for chassis			
Service operation	Complete work hour		Reference
Suspension	No.	Time	page
Replacement of front shock absorber on one side	414010910GQ	1.10	2-15
Replacement of front shock absorber on both sides	414020910GQ	2.10	2-15
Replacement of front stabilizer bar link on one side	415030910GQ	0.30	2-14
Replacement of front stabilizer bar link on both sides	415040910GQ	0.40	2-14
Replacement of front wheel hub & bearing on one side	416070910GQ	0.90	2-15
Replacement of front wheel hub & bearing on both sides	416080910GQ	1.80	2-15
Replacement of front triangular arm on one side	416140910GQ	0.80	2-14
Replacement of front triangular arm on both sides	416150910GQ	1.50	2-14
Replacement of rear shock absorber on one side	420010910GQ	0.80	2-16
Replacement of rear shock absorber on both sides	420020910GQ	1.20	2-16
Replacement of rear wheel hub & bearing assembly on one side	422210910GQ	0.80	2-16
Replacement of rear wheel hub & bearing assembly on both sides	422220910GQ	1.50	2-16
Steering (including toe-in adjustment)			
Replacement of steering tie rod inner ball joint on one side	442030910GQ	1.30	2-18
Replacement of steering tie rod inner ball joint on both sides	442040910GQ	1.70	2-18
Replacement of steering tie rod outer ball joint on one side	442070910GQ	0.90	2-18
Replacement of steering tie rod outer ball joint on both sides	442080910GQ	1.20	2-18
Replacement of steering gear dust cover on one side	442050910GQ	1.10	2-18
Replacement of steering gear dust cover on both sides	442060910GQ	1.50	2-18
Wheel Alignment	400010510GQ	1.80	2-18
Brake			
Replacement of front brake pads (including 4 front brake pads)	454010910GQ	0.50	2-22
Replacement of front brake disc on one side	454020910GQ	0.50	2-22
Replacement of front brake disc on both sides	454030910GQ	0.80	2-22
Replacement of front/rear brake pads (all front/rear/left/right brake pads)	454130910GQ	1.00	2-22
Replacement of rear brake pads (including 4 rear brake pads)	458010910GQ	0.50	2-23
Replacement of rear brake disc on one side	458020910GQ	0.50	2-23
Replacement of rear brake disc on both sides	458030910GQ	0.80	2-23
Change of brake fluid (including bleeding by a scan tool)	470010910GQ	0.70	2-20
Replacement of front brake wheel cylinder hose (one piece)	470180910GQ	1.20	2-20
Replacement of front brake wheel cylinder hose (two pieces)	470190910GQ	1.50	2-20
Replacement of underbody brake pipe (one piece)	470090910GQ	1.50	2-20
Replacement of underbody brake pipe (two pieces)	470100910GQ	1.90	2-20
Replacement of rear brake wheel cylinder hose (one piece)	470220910GQ	1.20	2-20
Replacement of rear brake wheel cylinder hose (two pieces)	470230910GQ	1.50	2-20
Replacement of brake master cylinder	464010910GQ	2.00	2-19
Replacement of vacuum booster	482010910GQ	2.40	2-19
Replacement of rear parking brake cable (one piece)	480110910GQ	1.30	2-24
Replacement of rear parking brake cable (two pieces)	480120910GQ	1.60	2-24
Replacement of rear parking brake motor on one side (including testing/road test)	480130910GQ	0.80	2-24
Replacement of rear parking brake motor on both sides (including testing/road test)	480140910GQ	1.20	2-24
Drive (axle shaft)			
Replacement of right axle shaft bearing	490150910GQ	1.70	2-25
Replacement of front axle shaft assembly on left side	490010910GQ	1.20	2-25
Replacement of front axle shaft assembly on right side.....	490020910GQ	1.40	2-25

Common work hour for body equipment			
Service operation	Complete work hour		Reference page
Covering parts	No.	Time	
Replacement of front bumper (including removal & refitting of accessories, replacement of energy absorbing block)	610010910GQ	1.30	3-3
Painting of front bumper (new parts, including color modulation and washing gun preparation)	610011110GQ	2.80	4-14
Replacement of rear bumper (including removal & refitting of accessories, replacement of energy absorbing block)	644010910GQ	1.30	3-4
Painting of rear bumper (new parts, including color modulation and washing gun preparation)	644011110GQ	2.80	4-14
Replacement of front grille assembly	612010910GQ	0.50	3-3
Replacement of exterior rearview mirror assembly on one side	620010910GQ	0.60	3-23
Replacement of exterior rearview mirror assembly on both sides	620020910GQ	1.10	3-23
Replacement of exterior rearview mirror lens	620050910GQ	0.20	3-23
Replacement of front wiper blades on both sides	626040910GQ	0.20	3-22
Replacement of front wiper linkage	626010910GQ	0.80	3-22
Replacement of front windshield washer motor	627030910GQ	0.70	3-22
Replacement of one front door (removal & refitting of parts)	570010910GQ	2.20	3-7
Painting of one front door (including removal & refitting of outside handle) (new parts, including color modulation and washing gun preparation)	570011110GQ	3.60	4-15
Replacement of two front doors (removal & refitting of parts)	570030910GQ	4.30	3-7
Painting of two front doors (including removal & refitting of outside handle) (new parts, including color modulation and washing gun preparation)	570031110GQ	5.80	4-15
Replacement of front door lock body assembly on one side	572010910GQ	1.00	3-9
Replacement of front door lock body assembly on both sides	572020910GQ	1.80	3-9
Replacement of front door outside handle mount & handle on one side	572060910GQ	1.20	3-9
Replacement of front door outside handle mounts & handles on both sides	572070910GQ	2.30	3-9
Replacement of front door inside handle on one side	572100910GQ	0.60	3-9
Replacement of front door inside handles on both sides	572110910GQ	1.10	3-9
Replacement of front door window regulator assembly on one side	574060910GQ	1.00	3-10
Replacement of front door window regulator assembly on both sides	574070910GQ	1.80	3-10
Replacement of one rear door	580010910GQ	2.20	3-11
Painting of one rear door (including removal & refitting of outside handle) (new parts, including color modulation and washing gun preparation)	580011110GQ	3.60	4-15
Replacement of two rear doors	580030910GQ	4.40	3-11
Painting of two rear doors (including removal & refitting of outside handle) (new parts, including color modulation and washing gun preparation)	580031110GQ	5.80	4-15
Replacement of rear door lock body assembly on one side	582010910GQ	1.00	3-13
Replacement of rear door lock body assembly on both sides	582020910GQ	1.80	3-13
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Replacement of rear door outside handle mount & handle on both sides	582060910GQ	2.30	3-13
Replacement of rear door inside handle on one side	582090910GQ	0.60	3-13
Replacement of rear door inside handle on both sides	582100910GQ	1.10	3-13
Replacement of rear door window regulator assembly on one side	584060910GQ	1.00	3-14
Replacement of rear door window regulator assemblies on both sides	584070910GQ	1.80	3-14
Replacement of engine hood	528010910GQ	0.80	3-5
Painting of engine hood (new parts, including color modulation and washing gun preparation)	528011110GQ	3.10	4-14
Replacement of front fender on one side	532010910GQ	1.50	3-15
Painting of front fender on one side (new parts, including color modulation and washing gun preparation)	532011110GQ	2.30	4-14
Replacement of front fender on both sides	532020910GQ	2.10	3-15
Painting of 2 front fenders (new parts, including color modulation and washing gun preparation)	532021110GQ	3.80	4-14
Replacement of trunk lid	554010910GQ	1.80	3-6
Painting of trunk lid (new parts, including color modulation and washing gun preparation)	554011110GQ	2.60	4-14

Common work hour for electric devices			
Service operation	Complete work hour		Reference page
Lighting	No.	Time	
Replacement of headlamp assembly on one side	748020910GQ	1.00	3-38
Replacement of headlamp assemblies on both sides	748030910GQ	1.10	3-38
Replacement of low beam bulb	748050910GQ	0.30	3-38
Replacement of high beam bulb	748060910GQ	0.30	3-38
Replacement of front fog lamp on one side	750020910GQ	0.50	3-38
Replacement of front fog lamps on both sides	750030910GQ	0.80	3-38
Replacement of front fog lamp bulb	750040910GQ	0.40	3-38
Replacement of inside tail lamp on one side	752100910GQ	0.30	3-39
Replacement of inside tail lamps on both sides	752110910GQ	0.40	3-39
Replacement of outside tail lamp on one side	752120910GQ	0.30	3-39
Replacement of inside tail lamps on both sides	752130910GQ	0.50	3-39
Replacement of rear fog lamp on one side	750050910GQ	0.90	3-39
Replacement of front fog lamps on both sides	750060910GQ	1.00	3-39
Replacement of license plate lamp	752300910GQ	0.30	3-39
Replacement of brake lamp bulb	752400910GQ	0.30	3-39
Replacement of turn signal lamp bulb	752420910GQ	0.30	3-39
Replacement of reversing lamp bulb	752430910GQ	0.30	3-39
Replacement of rear fog lamp bulb	750070910GQ	0.40	3-39
Air-conditioner			
Inspection of refrigerant leak	818090610GQ	0.50	3-30
Recovery of refrigerant-draining-adding	818092710GQ	0.50	3-30
Replacement of A/C air cleaner	822070910GQ	0.40	3-31
Initializing			
Matching of smart remote control	436066810GQ	0.50	2-17
Replacement of smart key (including registration of smart key and matching of remote control)	436070910GQ	1.00	2-17
Replacement of mechanical key (including registration of mechanical key)	436040910GQ	1.00	2-17

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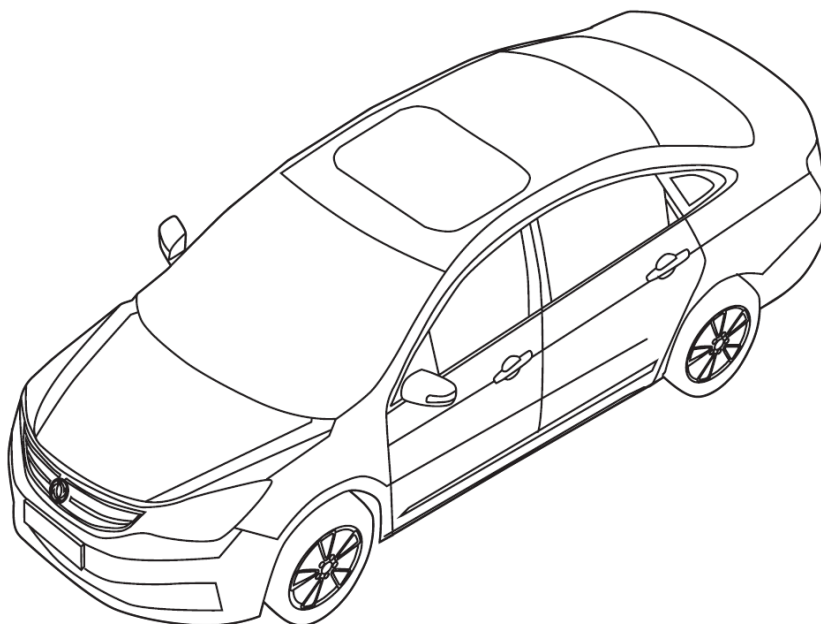
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Mechanical service

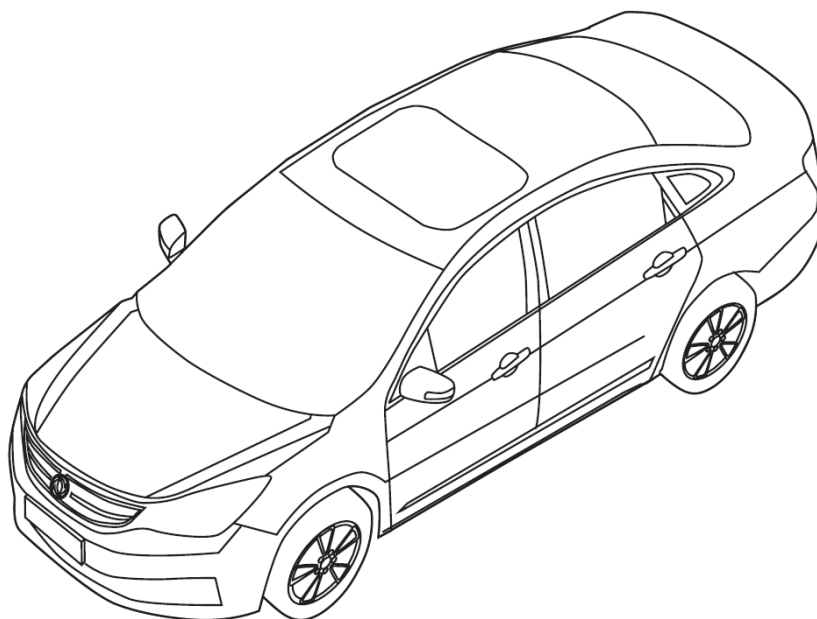
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Maintenance-service



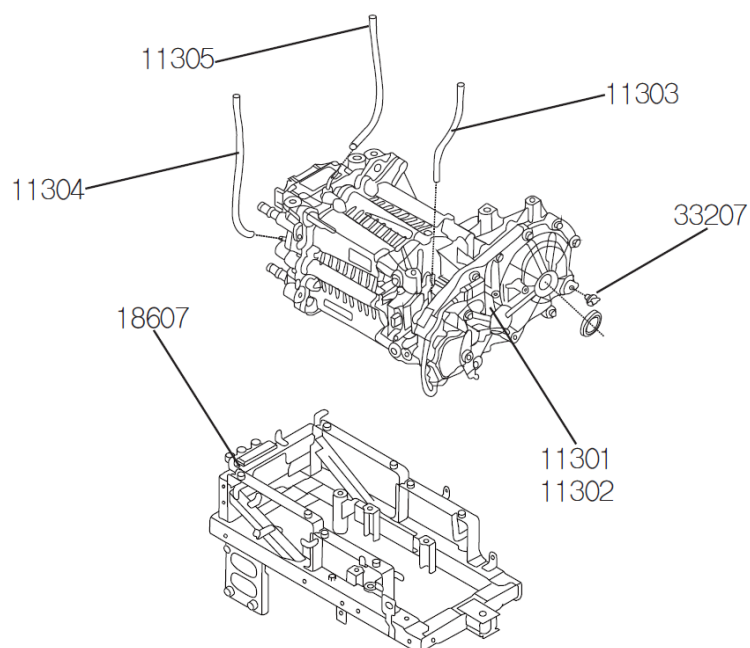
Service operation	Work hour code		Labor-hour
	Full code	Supplement	
Maintenance			
First maintenance: 1,000km (1 month)	020010307MQ		2.00
Second maintenance: 5,000km (3 months)	020030307MQ		2.00
Regular maintenance every 5,000km	020040307MQ		1.00
Regular maintenance every 10,000km (1/3/5/7)	020060307MQ		1.20
Regular maintenance every 20,000 km (2/6)	020080307MQ		1.80
Regular maintenance every 40000km (4/8)	020120307MQ		2.20
Service operation			
Pre-delivery inspection (PDI)	020210515MQ		1.07

Test-adjustment

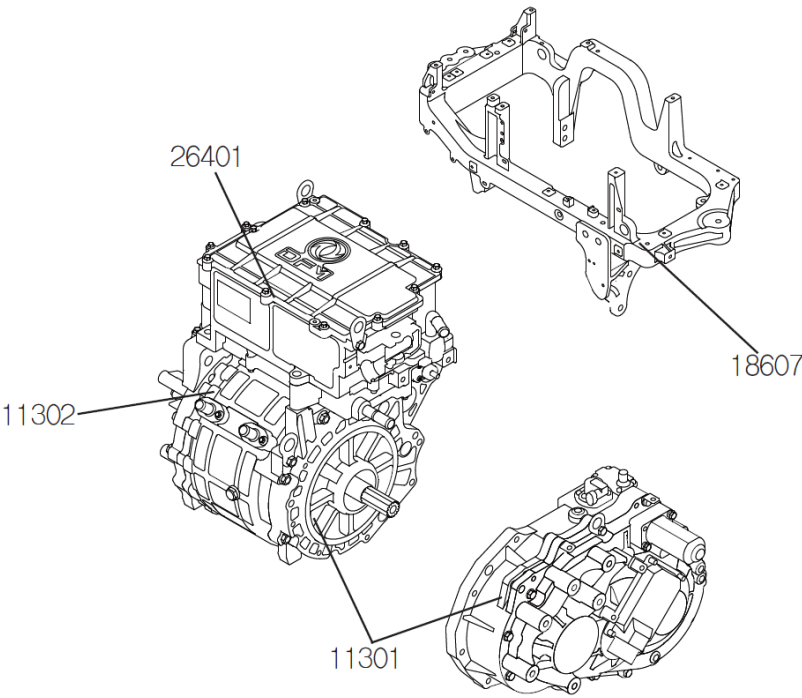


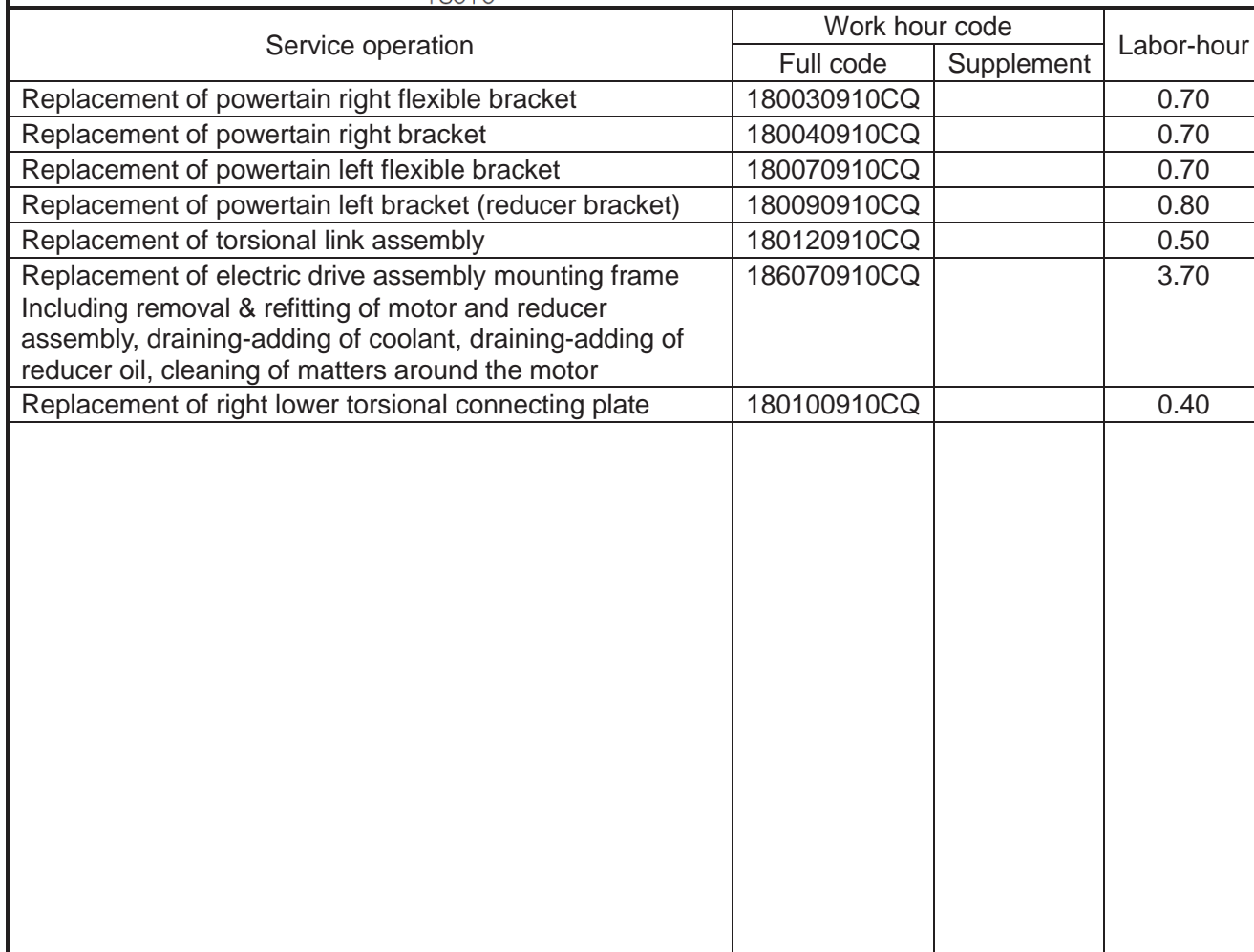
Service operation	Work hour code		Labor-hour
	Full code	Supplement	
Fault diagnosis test Additional work hours generated due to diagnosis by using the equipment in case the fault is clear. They can not be superimposed with those for the complete test and the extended test; when multiple faults occur in the same vehicle, only one type of the work hours can be used depending on the actual situation.		010043010TQ	0.20
Fault clearing verification test Test to verify whether the fault still exists after the completion of the service operation, for which the work hours can be superimposed with those for the fault diagnosis test, the complete test, and the extended test.		010053010TQ	0.20
Complete test Test carried out in the plant area, and in the case of unclear faults, road test is required. They can not be superimposed with those for the fault diagnosis test and the extended test; when multiple faults occur in the same vehicle, only one type of the work hours can be used depending on the actual situation.		010063010TQ	0.50
Extended test Supplement work hour: Test carried out in the plant area, of which the diagnosis needs more time when the fault is unclear and occurs in a special environment. They can not be superimposed with those for the fault diagnosis test and the complete test; when multiple faults occur in the same vehicle, only one type of the work hours can be used depending on the actual situation.		010073010TQ	1.00

Motor assembly (Continental AG motor)

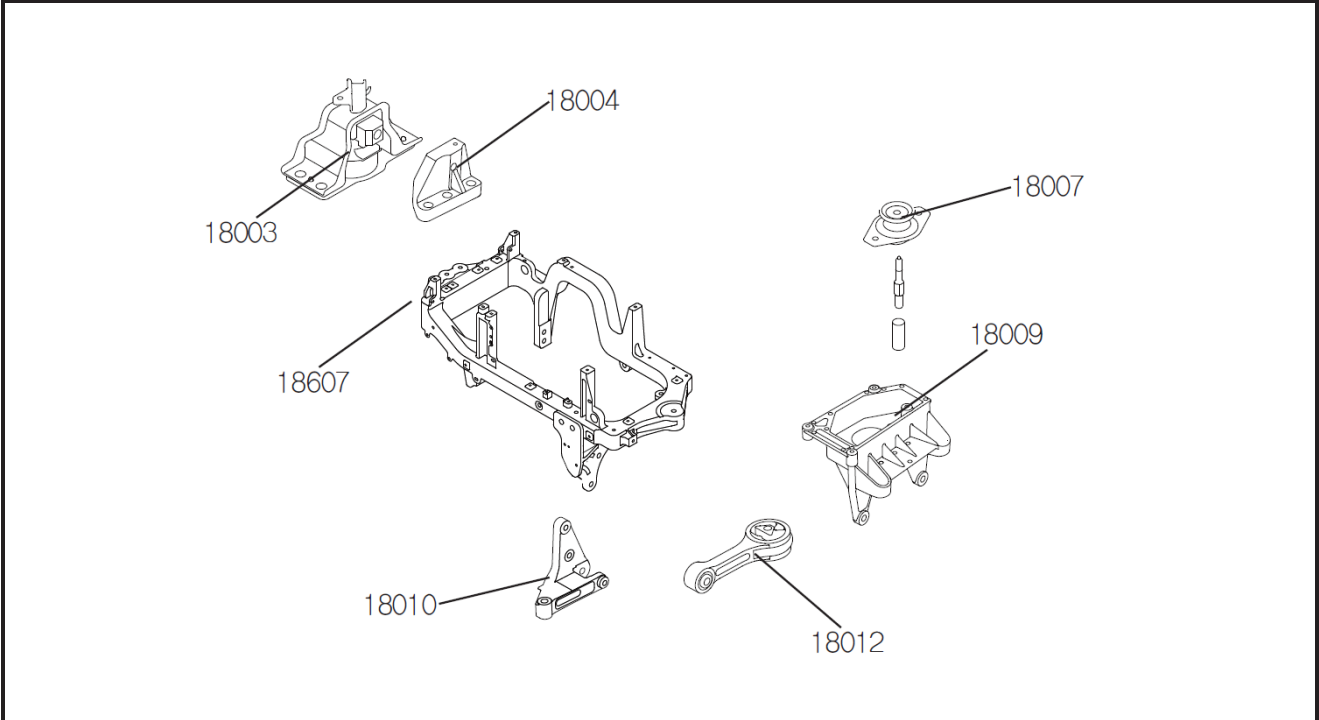


Service operation	Work hour code		Labor-hour
	Full code	Supplement	
Motor-reducer			
Removal-refitting of motor and reducer assembly Including draining-adding of coolant, draining-adding of reducer oil, cleaning of matters around the motor	113010210CQ		3.50
Operations involved after the assembly is removed + Supplement:-replacement of reducer housing oil seals on both sides		332070950CQ	0.30
Replacement of motor assembly Including removal & refitting of motor and reducer assembly, removal & refitting of motor and reducer accessories, draining-adding of coolant, draining-adding of reducer oil, cleaning of matters around the motor	113020910CQ		4.00
Inspection and test of motor	113021210CQ		0.50
Replacement of motor breather pipe (left front)	113030910CQ		0.30
Replacement of motor breather pipe (right front)	113040910CQ		0.30
Replacement of motor breather pipe (left front upper)	113050910CQ		0.50
Replacement of motor mounting frame Including removal & refitting of motor and reducer assembly, draining-adding of coolant, draining-adding of reducer oil, cleaning of matters around the motor	186070910CQ		3.70

Motor assembly (Independently-developed motor)			
			
Service operation	Work hour code		Labor-hour
	Full code	Supplement	
Motor-reducer Removal-refitting of motor and reducer assembly Including draining-adding of coolant, draining-adding of reducer oil, cleaning of matters around the motor	113010210AQ		3.50
Operations involved after the assembly is removed + Supplement:-replacement of reducer housing oil seals on both sides		332070950BQ	0.30
Replacement of motor and MCU assembly Including removal & refitting of motor and reducer assembly, removal & refitting of motor and reducer accessories, draining-adding of coolant, draining-adding of reducer oil, cleaning of matters around the motor	113020910AQ		4.00
Replacement of MCU (independently-developed motor, including inspection, draining-adding of coolant)	264010910AQ		2.80
Inspection and test of motor	113021210AQ		0.50
Replacement of motor mounting frame Including removal & refitting of motor and reducer assembly, draining-adding of coolant, draining-adding of reducer oil, cleaning of matters around the motor	186070910AQ		3.70

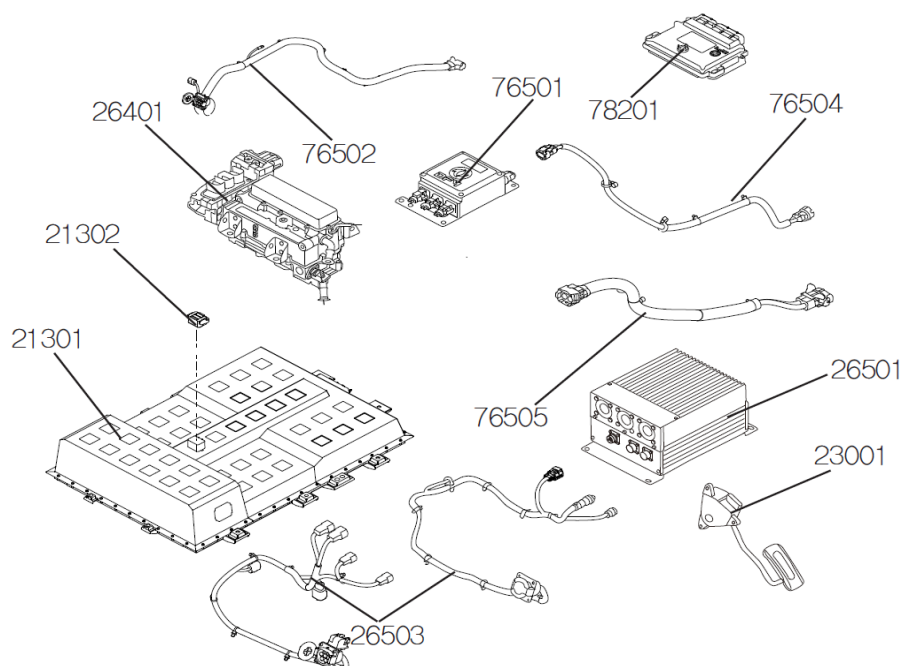


Motor mount (independently-developed motor)



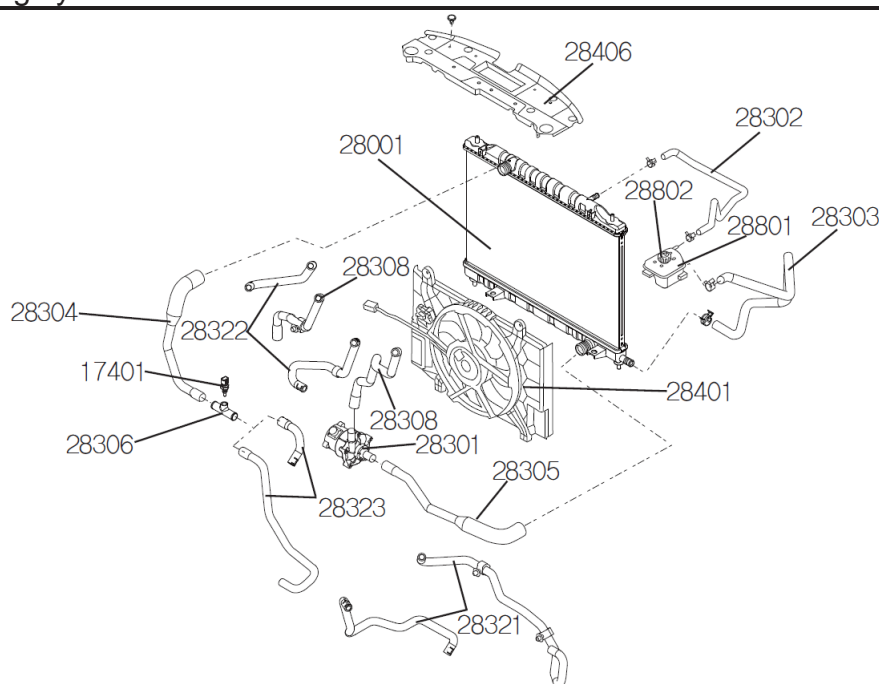
Service operation	Work hour code		Labor-hour
	Full code	Supplement	
Replacement of powertain right flexible bracket	180030910AQ		0.70
Replacement of powertain right bracket	180040910AQ		0.70
Replacement of powertain left flexible bracket	180070910AQ		0.70
Replacement of powertain left bracket (reducer bracket)	180090910AQ		0.80
Replacement of torsional link assembly	180120910AQ		0.50
Replacement of electric drive assembly mounting frame Including removal & refitting of motor and reducer assembly, draining-adding of coolant, draining-adding of reducer oil, cleaning of matters around the motor	186070910AQ		3.70
Replacement of right lower torsional connecting bracket	180100910AQ		0.50

Motor, battery and electrically-controlled system



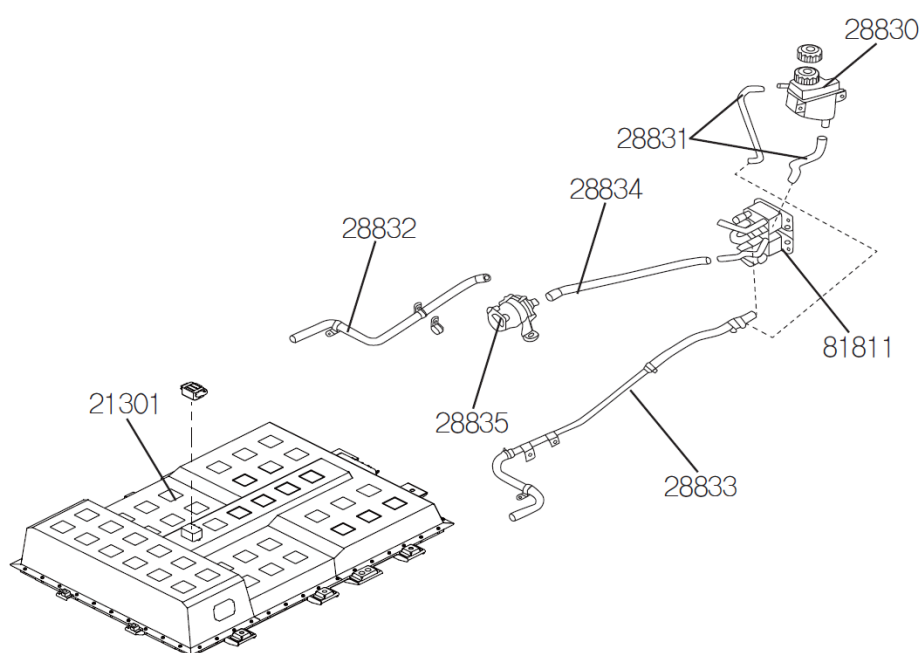
Service operation	Work hour code		Labor-hour
	Full code	Supplement	
Removal & refitting of traction battery assembly (Continental AG motor)	213010210OQ		1.60
Replacement of traction battery assembly (including traction battery testing) (Continental AG motor)	213010910OQ		2.00
Removal & refitting of traction battery assembly (thermal management) (independently-developed motor)	213010210NQ		2.00
Replacement of traction battery assembly (including thermal management, traction battery testing) (independently-developed motor)	213010910NQ		2.50
Inspection of traction battery	213010510GQ		0.50
Replacement of service switch	213020910GQ		0.20
Replacement of accelerator pedal	230010910GQ		0.40
Replacement of MCU (including testing, draining-adding of coolant) (Continental AG motor)	264010910CQ		2.50
Inspection of MCU	264010510GQ		0.50
Replacement of OBC (including testing, draining-adding of coolant) (Continental AG motor)	265010910CQ		1.00
Replacement of OBC (including testing, draining-adding of coolant) (independently-developed motor)	265010910AQ		1.00
Replacement of high voltage distribution box (Continental AG motor)	765010910CQ		0.80
Replacement of high voltage distribution box (independently-developed motor)	765010910AQ		0.80
Replacement of high voltage distribution box quick charge input cable (Continental AG motor)	765020910CQ		1.20
Replacement of high voltage distribution box quick charge input cable (independently-developed motor)	765020910AQ		1.20
Replacement of high voltage relay box positive cable (Continental AG motor)	765040910CQ		1.20
Replacement of high voltage relay box positive cable (independently-developed motor)	765040910AQ		1.20
Replacement of MCU DC input cable (Continental AG motor)	765050910CQ		1.20
Replacement of MCU DC input cable (independently-developed motor)	765050910AQ		1.20
Replacement of slow charge input cable (Continental AG motor)	265030910CQ		1.20
Replacement of slow charge input cable (independently-developed motor)	265030910AQ		1.20
Replacement of control units (including setting of scan tool)	782010910GQ		1.50

Power cooling system

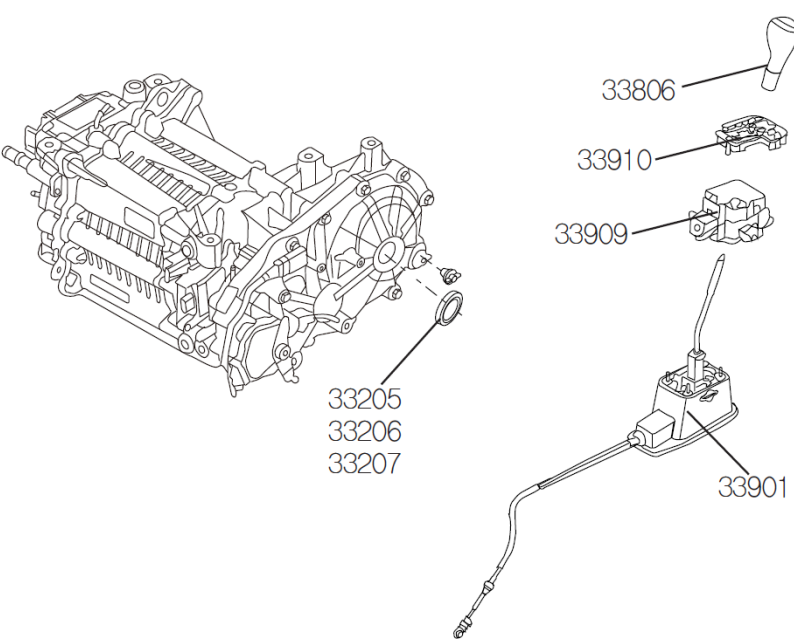


Service operation	Work hour code		Labor-hour
	Full code	Supplement	
Replacement of radiator (including draining-adding of coolant)	280010910GQ		1.50
Change of coolant	280020910GQ		0.50
Replacement of electric water pump (including draining-adding of coolant) (Continental AG motor)	283010910CQ		1.00
Replacement of electric water pump (including draining-adding of coolant) (independently-developed motor)	283010910AQ		1.00
Replacement of expansion tank water inlet pipe	283020910GQ		0.40
Replacement of expansion tank water outlet pipe (including draining-adding of coolant)	283030910GQ		0.60
Replacement of radiator water inlet pipe (including draining-adding of coolant)	283040910GQ		0.70
Replacement of radiator water outlet pipe (including draining-adding of coolant)	283050910GQ		0.70
Replacement of coolant temperature sensor tee stand pipe (including draining-adding of coolant)	283060910GQ		0.70
Replacement of coolant temperature sensor (including coolant adding)	174010910GQ		0.60
Replacement of water pump outlet pipe (including draining-adding of coolant) (Continental AG motor)	283080910CQ		0.70
Replacement of water pump outlet pipe (including draining-adding of coolant)(independently-developed motor)	283080910AQ		0.70
Replacement of MCU water outlet hose (including draining-adding of coolant) (Continental AG motor)	283210910CQ		0.70
Replacement of MCU water outlet hose (including draining-adding of coolant) (independently-developed motor)	283210910AQ		0.70
Replacement of MCU water inlet hose (including draining-adding of coolant) (Continental AG motor)	283220910CQ		0.70
Replacement of MCU water inlet hose (including draining-adding of coolant) (independently-developed motor)	283220910AQ		0.70
Replacement of motor water inlet hose (including draining-adding of coolant) (Continental AG motor)	283230910CQ		0.80
Replacement of motor water inlet hose (including draining-adding of coolant) (independently-developed motor)	283230910AQ		0.80
Replacement of fan motor assembly	284010910GQ		0.80
Replacement of fan electric control box	284090910GQ		0.30
Replacement of fan upper guard	284060910GQ		0.30
Replacement of expansion tank (including draining-adding of coolant)	288010910GQ		0.30
Replacement of expansion tank cap	288020910GQ		0.20

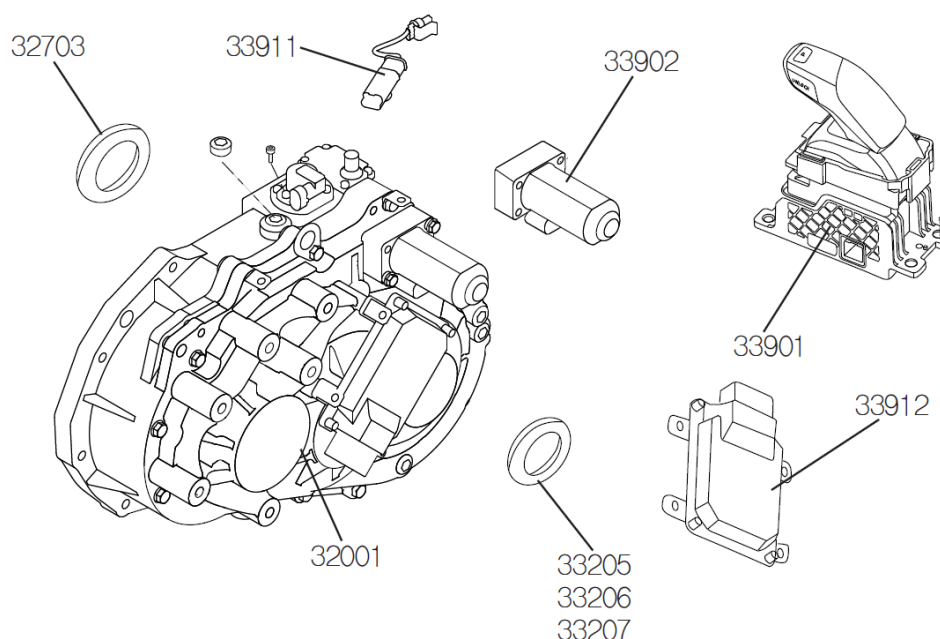
Traction battery-thermal management



Service operation	Work hour code		Labor-hour
	Full code	Supplement	
Replacement of expansion tank (battery cooling and degassing tank)	288300910GQ		0.40
Replacement of expansion tank degassing pipe (battery cooling and degassing tank, including draining-adding of battery coolant)	288310910GQ		0.50
Replacement of traction battery coolant inlet hose	288320910GQ		0.50
Replacement of traction battery coolant outlet hose	288330910GQ		0.60
Replacement of battery coolant pump inlet pipe	288340910GQ		0.50
Replacement of battery coolant pump	288350910GQ		0.90
Including thermal management, adding of battery coolant			
Removal & refitting of traction battery assembly (thermal management) (independently-developed motor)	213010210NQ		2.00
Replacement of traction battery assembly (including thermal management, traction battery testing) (independently-developed motor)	213010910NQ		2.50
Replacement of plate heat exchanger	818110910GQ		1.50
Including draining-adding of battery coolant and recovering-draining-adding of coolant			

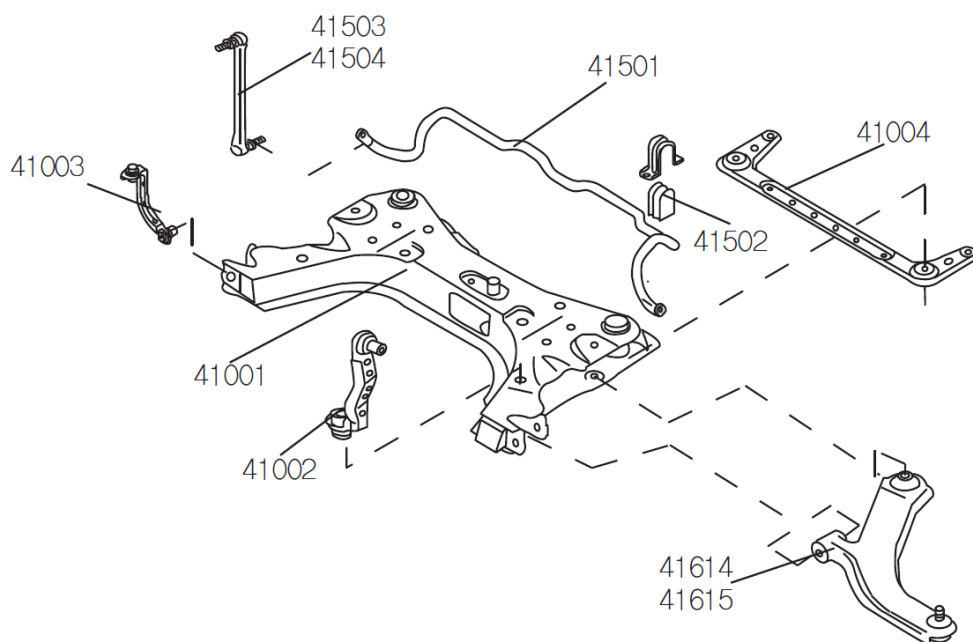
Reducer (Continental AG motor)			
			
Service operation	Work hour code		Labor-hour
	Full code	Supplement	
Change of reducer oil	324010910GQ		0.30
Reducer housing seal (Continental AG motor) Including removal & refitting of motor and reducer assembly, removal & refitting of motor and reducer accessories, draining-adding of coolant, draining-adding of reducer oil	324031722CQ		4.50
Replacement of reducer housing oil seal on left side (Continental AG motor) Including removal & refitting of left axle shaft, draining-adding of reducer oil	332050910CQ		1.20
Replacement of reducer housing oil seal on right side (Continental AG motor) Including removal & refitting of right axle shaft, draining-adding of reducer oil	332060910CQ		1.40
Replacement of reducer housing oil seals on both sides (Continental AG motor) Including removal & refitting of axle shafts on both sides, draining-adding of reducer oil	332070910CQ		2.40
Replacement of gear lever (Continental AG motor)	338060920CQ		0.40
Replacement of transmission assembly (Continental AG motor)	339010910CQ		1.50
Replacement of gearshifting mechanism (Continental AG motor)	339090910CQ		0.50
Replacement of gear lever control panel (Continental AG motor)	339100910CQ		0.40

Reducer (independently-developed motor)



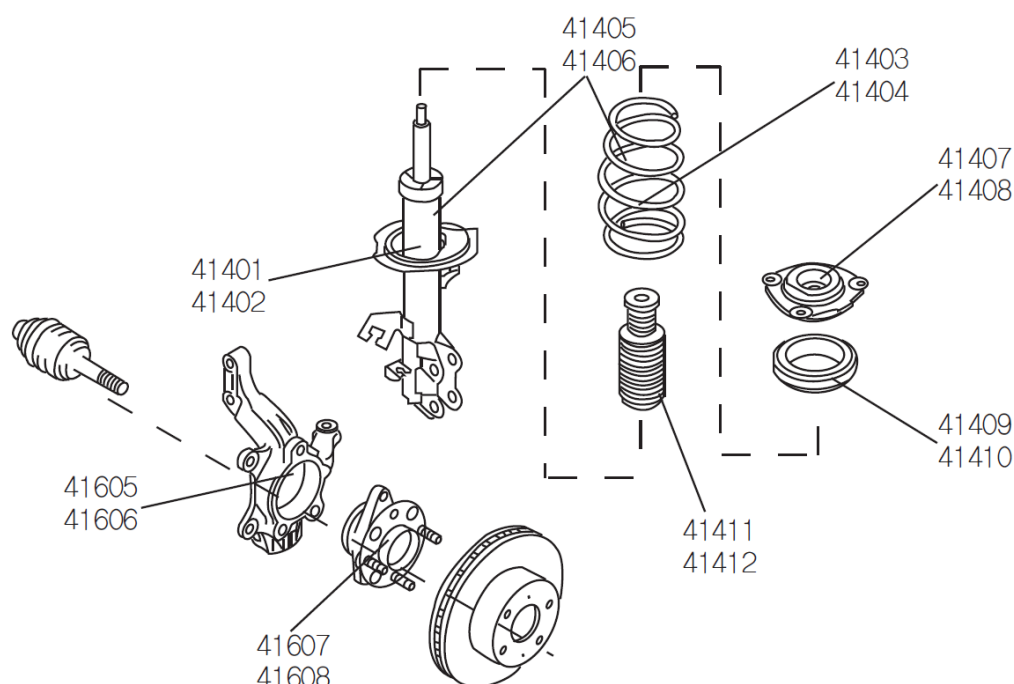
Service operation	Work hour code		Labor-hour
	Full code	Supplement	
Change of reducer oil	324010910GQ		0.30
Replacement of reducer (independently-developed motor)	320010910BQ		4.00
Including removal & refitting of motor and reducer assembly, removal & refitting of motor and reducer accessories, draining-adding of coolant, draining-adding of reducer oil			
Reducer housing oil seal (independently-developed motor)	324031722AQ		4.50
Including removal & refitting of motor and reducer assembly, removal & refitting of motor and reducer accessories, draining-adding of coolant, draining-adding of reducer oil			
Replacement of reducer housing oil seal on left side (independently-developed motor)	332050910AQ		1.20
Including removal & refitting of left axle shaft, draining-adding of reducer oil			
Replacement of reducer housing oil seal on right side (independently-developed motor)	332060910AQ		1.40
Including removal & refitting of right axle shaft, draining-adding of reducer oil			
Replacement of reducer housing oil seals on both (independently-developed motor)	332070910AQ		2.40
Including removal & refitting of axle shafts on both sides, draining-adding of reducer oil			
Replacement of input shaft oil seal (removal & refitting of reducer)	327030910BQ		4.20
Replacement of transmission assembly (independently-developed motor)	339010910BQ		1.00
Replacement of shift motor (independently-developed motor)	339020910BQ		1.00
Replacement of gear sensor (independently-developed motor)	339110910BQ		0.80
Replacement of P gear control unit	339120910BQ		1.00
Replacement of transmission housing (independently-developed motor)	640190910GQ		0.40

Front suspension



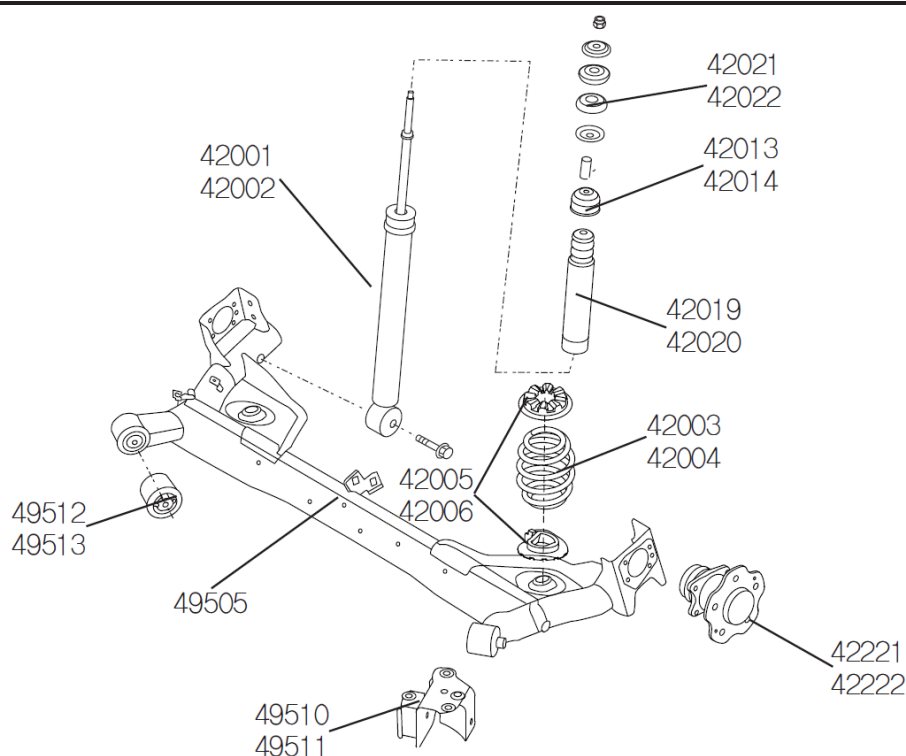
Service operation	Work hour code		Labor-hour
	Full code	Supplement	
Removal-refitting of front bracket assembly (including inspection-adjustment of toe-in)	410010210GQ		2.10
Replacement of front bracket assembly (including inspection-adjustment of toe-in)	410010910GQ		2.40
Operations involved after the front bracket is removed			
+ Supplement: -Replacement of front stabilizer bar rubber sleeve		415020950GQ	0.20
+ Supplement: -Replacement of front triangular arm on one side		416140950GQ	0.20
+ Supplement: -Replacement of front triangular arm on both sides		416150950GQ	0.30
Replacement of front stabilizer bar	415010910GQ		2.30
Replacement of front stabilizer bar rubber sleeve	415020910GQ		2.30
Replacement of front stabilizer bar link on one side	415030910GQ		0.30
Replacement of front stabilizer bar link on both sides	415040910GQ		0.40
Replacement of front triangular arm on one side	416140910GQ		0.80
Replacement of front triangular arm on both sides	416150910GQ		1.50
Replacement of left front mounting arm	410020910GQ		0.40
Replacement of right front mounting arm	410030910GQ		0.40
Removal-refitting of front bracket rear reinforcement plate	410040210GQ		0.30
Replacement of front bracket rear reinforcement plate	410040910GQ		0.30
Inspection of front wheel toe-in	400030510GQ		0.50
Inspection and adjustment of front wheel toe-in	400030610GQ		0.70
Wheel Alignment	400010510GQ		1.80

Front suspension

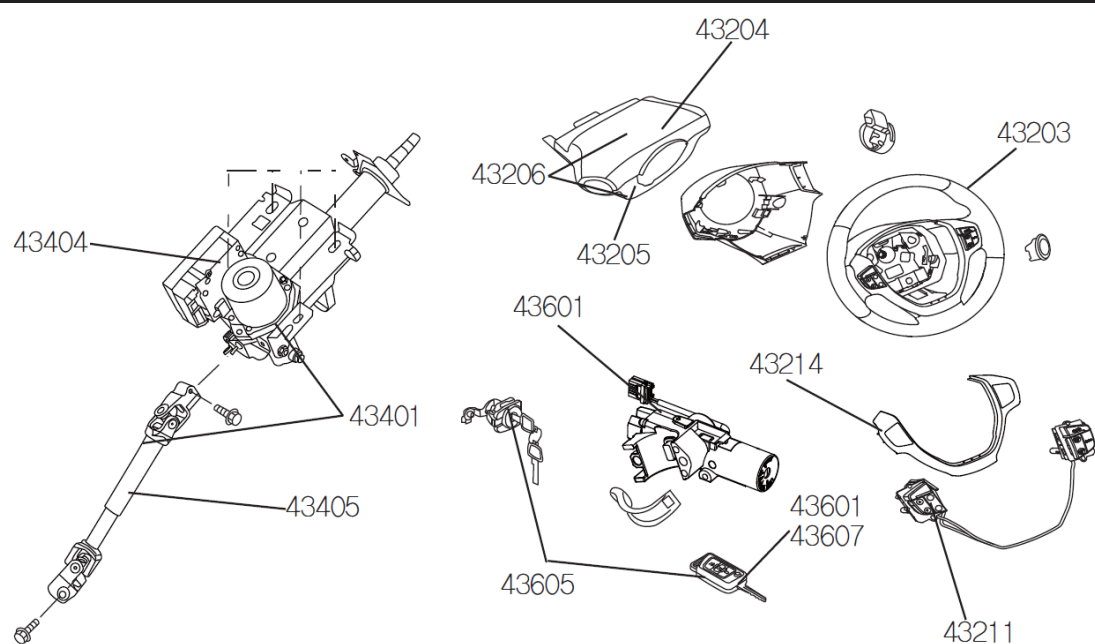


Service operation	Work hour code		Labor-hour
	Full code	Supplement	
Replacement of front shock absorber on one side	414010910GQ		1.10
Replacement of front shock absorber on both sides	414020910GQ		2.10
Including removal & refitting or replacement of parts on the front shock absorber such as front shock absorber support, dust cover, buffer block, etc.			
Replacement of front suspension spring on one side	414030910GQ		1.40
Replacement of front suspension spring on both sides	414040910GQ		2.50
Including removal & refitting or replacement of parts on the front shock absorber such as front shock absorber support, dust cover, buffer block, etc.			
Replacement of front shock absorber upper support on one side (including removal & refitting of front shock absorber)	414070910GQ		1.10
Replacement of front shock absorber upper support on both sides (including removal & refitting of front shock absorber)	414080910GQ		2.10
Replacement of front shock absorber thrust ball bearing on one side (including removal & refitting of front shock absorber)	414090910GQ		1.10
Replacement of front shock absorber thrust ball bearing on both sides (including removal & refitting of front shock absorber)	414100910GQ		2.10
Replacement of front elastic stopper on one side (including removal & refitting of front shock absorber)	414110910GQ		1.10
Replacement of front elastic stopper on both sides (including removal & refitting of front shock absorber)	414120910GQ		2.10
Removal & refitting of front suspension assembly on one side (including front shock absorber & steering knuckle assembly)	416010210GQ		1.20
Removal & refitting of front suspension assembly on both sides (including front shock absorber & steering knuckle assembly)	416040210GQ		1.90
Replacement of front steering knuckle on one side (including possible replacement of front brake pad)	416050910GQ		1.10
Replacement of front steering knuckle on both sides (including possible replacement of front brake pad)	416060910GQ		2.00
Replacement of front wheel hub & bearing on one side	416070910GQ		0.90
Replacement of front wheel hub & bearing on both sides	416080910GQ		1.80

Rear Suspension

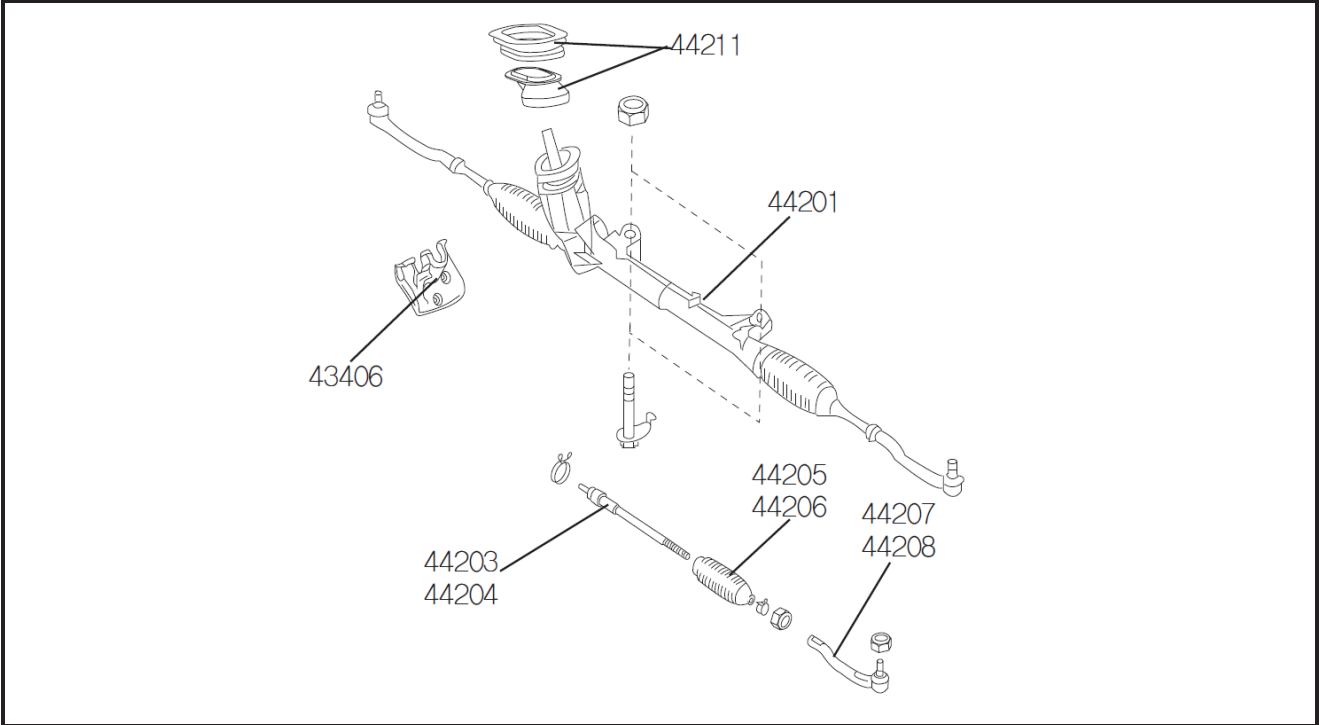


Service operation	Work hour code		Labor-hour
	Full code	Supplement	
Removal & refitting of rear axle torsion beam assembly (including bleeding of braking system)	495050210GQ		2.00
Replacement of rear axle torsion beam assembly (including bleeding of braking system, removal & refitting of parts)	495050910GQ		2.60
Replacement of rear axle torsion beam elastic hinge on one side	495120910GQ		2.30
Replacement of rear axle torsion beam elastic hinge on both sides	495130910GQ		2.60
Including removal & refitting of rear axle torsion beam assembly, bleeding of braking system			
Replacement of rear axle torsion beam bracket on one side	495100910GQ		1.00
Replacement of rear axle torsion beam bracket on both sides	495110910GQ		1.60
Replacement of rear shock absorber on one side (including removal & refitting of rear suspension spring)	420010910GQ		0.80
Replacement of rear shock absorber on both sides (including removal & refitting of rear suspension spring)	420020910GQ		1.20
Removal & refitting of rear suspension spring, Removal & refitting or replacement of parts of rear shock absorber			
Replacement of rear suspension spring on one side	420030910GQ		0.50
Replacement of rear suspension spring on both sides	420040910GQ		0.80
Replacement of rear suspension spring seat on one side	420050910GQ		0.50
Replacement of rear suspension spring seat on both sides	420060910GQ		0.80
Replacement of rear shock absorber buffer block on one side (including removal & refitting of rear shock absorber)	420130910GQ		0.80
Replacement of rear shock absorber buffer block on both sides (including removal & refitting of rear shock absorber)	420140910GQ		1.20
Replacement of rear shock absorber buffer cover on one side (including removal & refitting of rear shock absorber)	420190910GQ		0.80
Replacement of rear shock absorber buffer cover on both sides (including removal & refitting of rear shock absorber)	420200910GQ		1.20
Replacement of rear shock absorber rubber sleeve on one side	420210910GQ		0.50
Replacement of rear shock absorber rubber sleeve on both sides	420220910GQ		0.90
Replacement of rear wheel hub & bearing assembly on one side (including removal & refitting of rear brake disc)	422210910GQ		0.80
Replacement of rear wheel hub & bearing assembly on both sides (including removal & refitting of rear brake disc)	422220910GQ		1.50



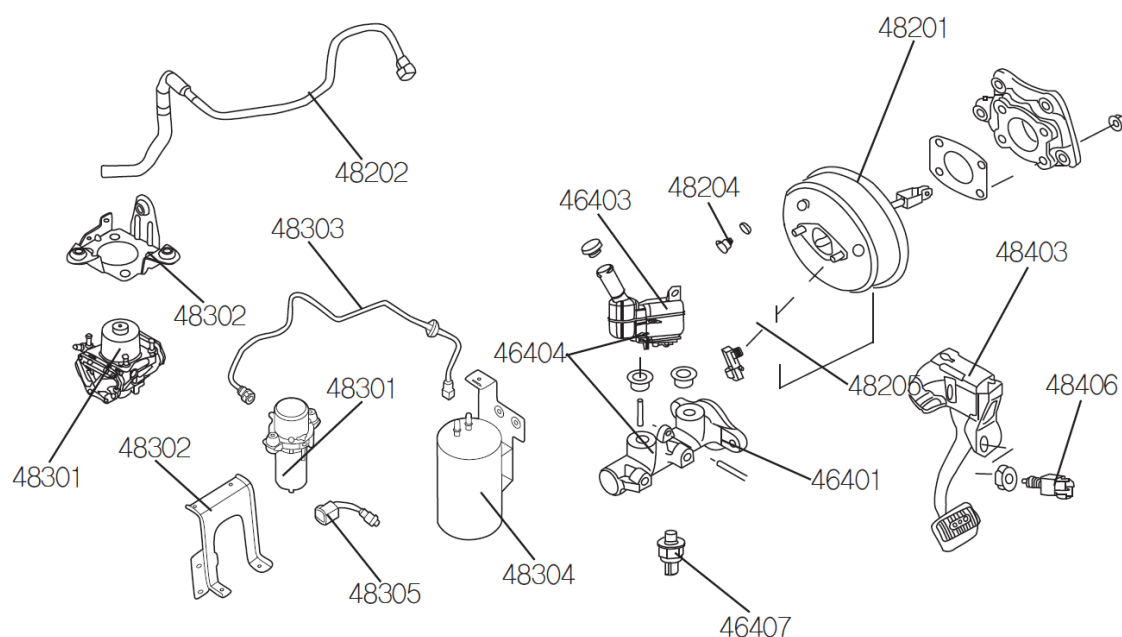
Service operation	Work hour code		Labor-hour
	Full code	Supplement	
Removal and refitting of steering wheel	432030210GQ		0.20
Replacement of steering wheel	432030910GQ		0.40
Replacement of steering wheel upper cover	432040910GQ		0.20
Replacement of steering wheel lower cover	432050910GQ		0.20
Replacement of steering column shield	432060910GQ		0.30
Replacement of steering wheel buttons	432110910GQ		0.40
Replacement of steering wheel trim strip	432140910GQ		0.40
Removal-refitting of steering column assembly Steering column assembly includes steering wheel lock, upper/lower steering column, SCU; including inspection and adjustment of toe-in, inspection by road test	434010210GQ		2.10
Replacement of steering column assembly Removal-refitting of steering wheel lock; fault diagnosis, fault clearing, inspection and adjustment of toe-in, inspection by road test	434010910GQ		2.60
Replacement of upper steering column Removal-refitting of steering wheel lock, separation of upper/lower steering column; fault diagnosis, fault clearing, including inspection and adjustment of toe-in, inspection by road test	434040910GQ		2.60
Replacement of lower steering column	434050910GQ		0.40
Replacement of steering lock assembly Operation without removing the steering column, including key registration, remote control matching	436010910GQ		1.80
Replacement of mechanical key (including registration of mechanical key)	436040910GQ		1.00
Replacement of complete lock cylinder assembly	436050910GQ		2.20
Matching of smart remote control	436066810GQ		0.50
Replacement of smart key (including registration of smart key and matching of remote control)	436070910GQ		1.00
Replacement of battery of remote key	436080910GQ		0.40

Steering system



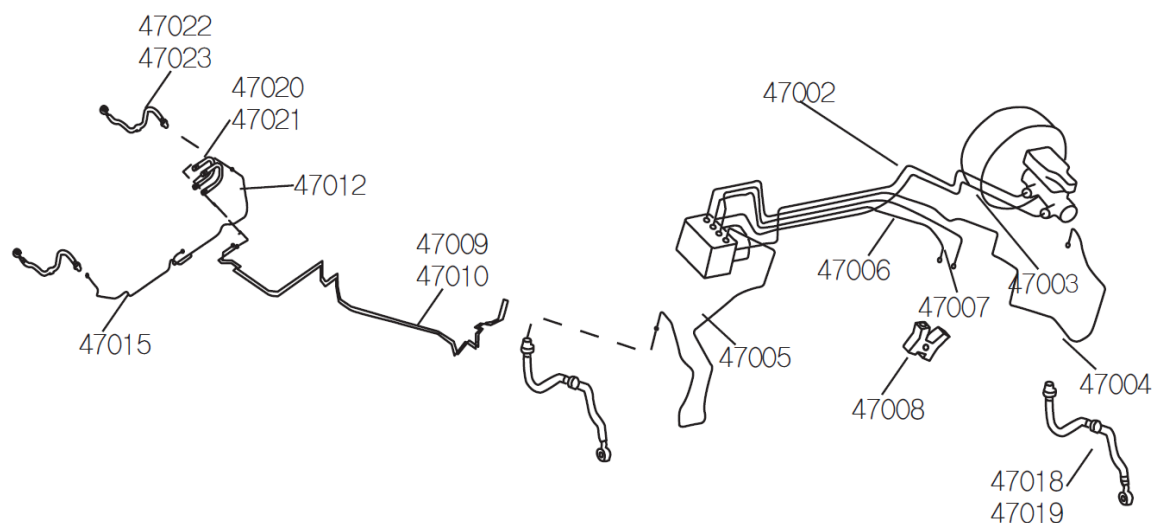
Service operation	Work hour code		Labor-hour
	Full code	Supplement	
Including toe-in adjustment, inspection by road test			
Removal-refitting of steering gear	442010210GQ		2.30
Replacement of steering gear	442010910GQ		2.30
Replacement of steering tie rod inner ball joint on one side	442030910GQ		1.30
Replacement of steering tie rod inner ball joint on both sides	442040910GQ		1.70
Replacement of steering gear dust cover on one side	442050910GQ		1.10
Replacement of steering gear dust cover on both sides	442060910GQ		1.50
Replacement of steering tie rod outer ball joint on one side	442070910GQ		0.90
Replacement of steering tie rod outer ball joint on both sides	442080910GQ		1.20
Replacement of input shaft seal cover	442110910GQ		2.30
Replacement of steering column shield	434060910GQ		0.30
Wheel Alignment	400010510GQ		1.80

Brake system-master cylinder



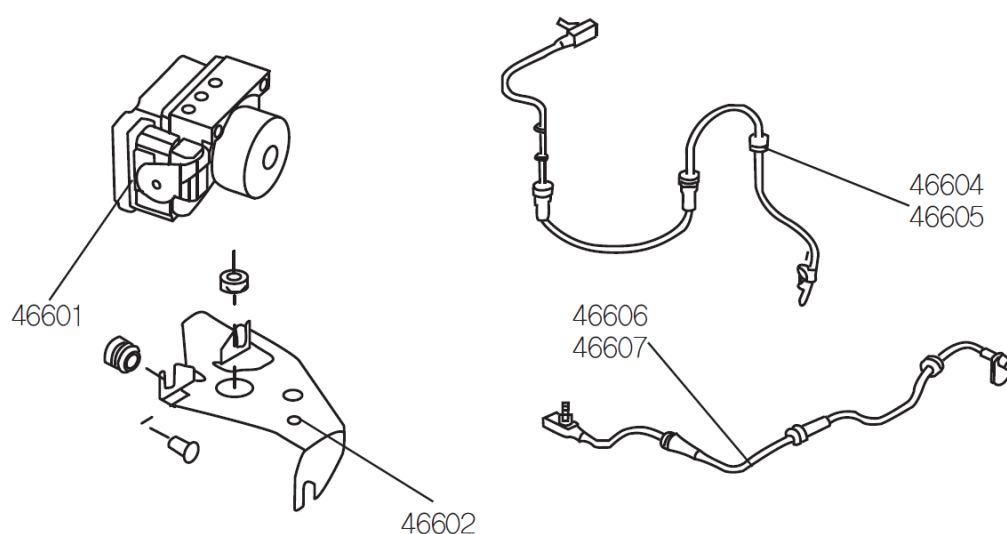
Service operation	Work hour code		Labor-hour
	Full code	Supplement	
Including bleeding of brake pipeline, road test			
Replacement of brake master cylinder Including bleeding, fault diagnosis, fault clearing verification by road test	464010910GQ		2.00
Replacement of brake master cylinder fluid reservoir (on brake master cylinder) Including draining-adding of brake fluid	464030910GQ		1.00
Replacement of brake master cylinder and reservoir Including bleeding, fault diagnosis, fault clearing verification by road test	464040910GQ		2.00
Replacement of brake pressure sensor (including draining-adding of brake fluid)	464070910GQ		0.70
Change of brake fluid (including bleeding by a scan tool)	470010910GQ		0.70
Bleeding of brake system (2 or more exhaust vents)	470012610GQ		0.30
Bleeding of braking system (all exhaust vents)	470012611GQ		0.50
Replacement of vacuum booster (including removal & refitting or replacement of brake master cylinder, bleeding of brake pipeline, road test)	482010910GQ		2.40
Replacement of vacuum booster hose	482020910GQ		0.50
Replacement of vacuum booster check valve	482040910GQ		0.30
Replacement of vacuum sensor	482050910GQ		0.60
Replacement of electric vacuum pump assembly	483010910GQ		0.80
Replacement of electric vacuum pump assembly (independently-developed motor, with thermal management)	483010911GQ		0.80
Replacement of electric vacuum pump bracket	483020910GQ		0.80
Replacement of electric vacuum pump air take-off pipe (independently-developed motor, with thermal management)	483030911GQ		0.30
Replacement of electric vacuum pump reservoir (independently-developed motor, with thermal management)	483040911GQ		0.50
Replacement of pressure sensor	483050911GQ		0.60
Pedal mechanism			
Replacement of brake pedal	484030910GQ		1.00
Replacement of brake lamp switch	484060910GQ		0.40

Brake system-pipeline



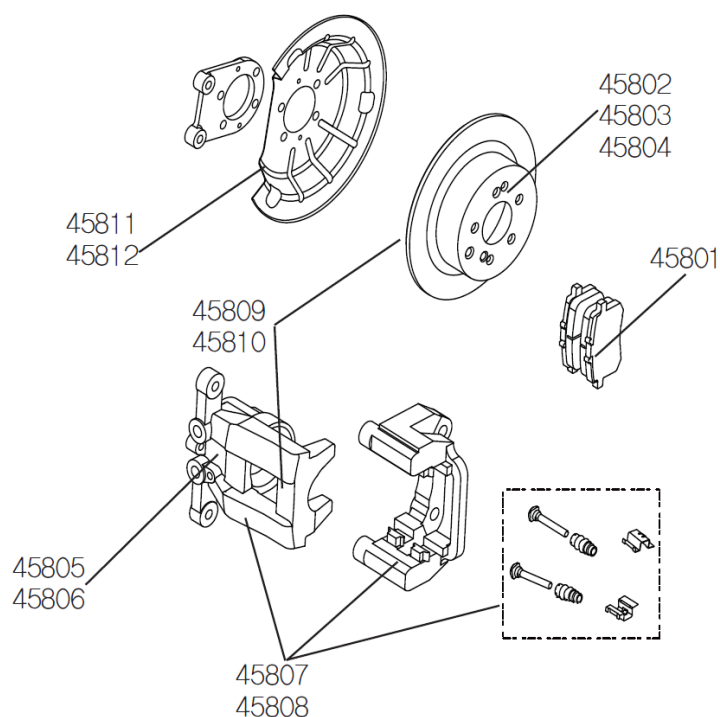
Service operation	Work hour code		Labor-hour
	Full code	Supplement	
Including bleeding of brake pipeline, road test			
Change of brake fluid (including bleeding by a scan tool)	470010910GQ		0.70
Bleeding of brake system (2 or more exhaust vents)	470012610GQ		0.30
Bleeding of braking system (all exhaust vents)	470012611GQ		0.50
Front brake pipeline: replacement of the first one from brake master cylinder to ABS hydraulic unit	470020910GQ		1.40
Front brake pipeline: replacement of the second one from brake master cylinder to ABS hydraulic unit	470030910GQ		1.40
Front brake pipeline: replacement of the brake hose from ABS hydraulic unit to left front brake wheel cylinder	470040910GQ		1.60
Front brake pipeline: replacement of the brake hose from ABS hydraulic unit to right front brake wheel cylinder	470050910GQ		2.00
Front brake pipeline: replacement of the first one from brake master cylinder to union	470060910GQ		1.30
Front brake pipeline: replacement of the second one from brake master cylinder to union	470070910GQ		1.30
Replacement of front union	470080910GQ		1.40
Replacement of underbody brake pipe (one piece)	470090910GQ		1.60
Replacement of underbody brake pipe (two pieces)	470100910GQ		2.00
Replacement of front brake wheel cylinder hose (one piece)	470180910GQ		1.30
Replacement of front brake wheel cylinder hose (two pieces)	470190910GQ		1.60
Replacement of rear brake wheel cylinder hose (one piece)	470220910GQ		1.20
Replacement of rear brake wheel cylinder hose (two pieces)	470230910GQ		1.40
Replacement of rear brake hose (one piece)	470240910GQ		1.30
Replacement of rear brake hose (two pieces)	470250910GQ		1.60
Replacement of rear brake pipeline: the first section of left rear brake pipe, or to left rear brake hose)	470120910GQ		1.30
Replacement of rear brake pipeline: the first section of right rear brake pipe, or to right rear brake hose)	470150910GQ		1.30

Brake system-ABS



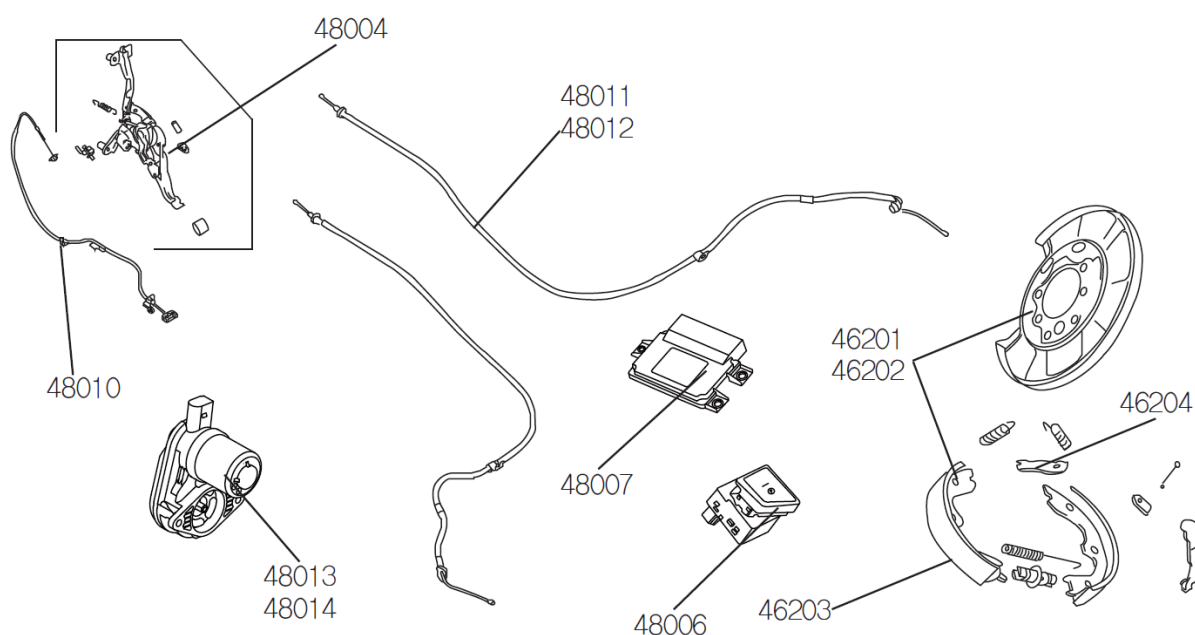
Service operation	Work hour code		Labor-hour
	Full code	Supplement	
Removal-refitting of ABS hydraulic unit Including bleeding, road test, inspection	466010210GQ		2.00
Replacement of ABS hydraulic unit Including bleeding, fault diagnosis, fault clearing verification by road test	466010910GQ		2.20
Replacement of front wheel speed sensor on one side	466040910GQ		0.50
Replacement of front wheel speed sensor on both sides	466050910GQ		0.90
Replacement of rear wheel speed sensor on one side	466060910GQ		0.40
Replacement of rear wheel speed sensor on both sides	466070910GQ		0.70
Removal-refitting of ESC hydraulic unit Including bleeding, road test, inspection	468010210GQ		2.00
Replacement of ESC hydraulic unit Including bleeding, fault diagnosis, fault clearing verification by road test	468010910GQ		2.20
Replacement of front wheel speed sensor on one side	468040910GQ		0.50
Replacement of front wheel speed sensor on both sides	468050910GQ		0.90
Replacement of rear wheel speed sensor on one side	468060910GQ		0.40
Replacement of rear wheel speed sensor on both sides	468070910GQ		0.70
Replacement of steering angle sensor	443100910GQ		0.80
Replacement of ESC switch	742050910GQ		0.60

Front brake			
Service operation	Work hour code		Labor-hour
	Full code	Supplement	
Replacement of front brake disc on one side (including removal-refitting of front brake pad)	454020910GQ		0.50
Replacement of front brake disc on both sides (including removal-refitting of front brake pad)	454030910GQ		0.80
Inspection of front brake disc (including inspection of face runout and thickness)	454040510GQ		0.50
Replacement of front brake wheel cylinder assembly on one side	454050910GQ		1.60
Replacement of front brake wheel cylinder assembly on both sides	454060910GQ		2.00
Including replacement of brake pad and bleeding, removal-refitting of seals in repair kit, fault diagnosis, fault clearing verification by road test			
Replacement of front brake wheel cylinder & bracket assembly repair kit on one side	454070910GQ		1.70
Replacement of front brake wheel cylinder & bracket assembly repair kit on both sides	454080910GQ		2.20
Including inspection of front brake caliper-repair and bleeding, removal-refitting of seals in repair kit, fault diagnosis, fault clearing verification by road test			
Replacement of front brake disc and brake wheel cylinder on one side	454090910GQ		1.60
Replacement of front brake disc and brake wheel cylinder on both sides	454100910GQ		2.00
Including bleeding, removal-refitting of seals in repair kit, fault diagnosis, fault clearing verification by road test			
Replacement of front brake cover on one side	454110910GQ		1.70
Replacement of front brake cover on both sides	454120910GQ		2.10
Replacement of front brake pads (including 4 front brake pads)	454010910GQ		0.50
Surface finishing of front brake pads (including 4 front brake pads)	454012010GQ		0.60
Replacement of front/rear brake pads (all front/rear/left/right brake pads)	454130910GQ		1.00
Surface finishing of front/rear brake pads (all front/rear/left/right brake pads)	454132010GQ		1.20



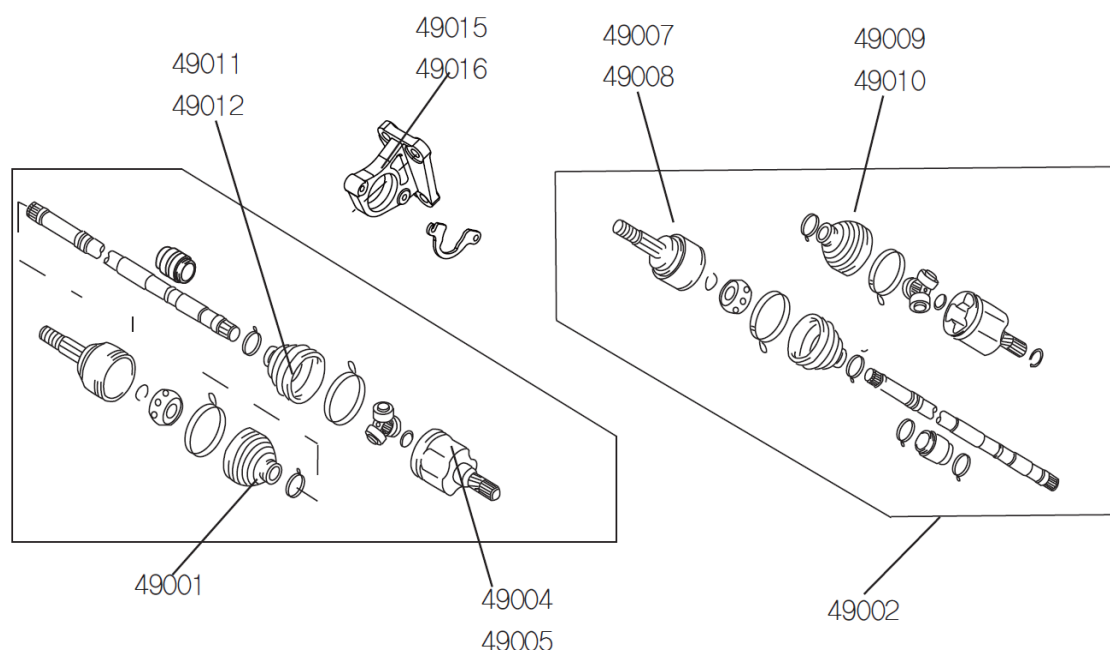
Service operation	Work hour code		Labor-hour
	Full code	Supplement	
Replacement of rear brake disc on one side (including removal-refitting of rear brake pad)	458020910GQ		0.50
Replacement of rear brake disc on both sides (including removal-refitting of rear brake pad)	458030910GQ		0.80
Inspection of rear brake disc (including inspection of face runout and thickness)	458040510GQ		0.50
Replacement of rear brake wheel cylinder assembly on one side	458050910GQ		1.60
Replacement of rear brake wheel cylinder assembly on both sides	458060910GQ		2.00
Including replacement of brake pad and bleeding, removal-refitting of seals in repair kit, fault diagnosis, fault clearing verification by road test			
Replacement of rear brake wheel cylinder & bracket assembly repair kit on one side	458070910GQ		1.70
Replacement of rear brake wheel cylinder & bracket assembly repair kit on both sides	458080910GQ		2.20
Including inspection of rear brake caliper-repair and bleeding, removal-refitting of seals in repair kit, fault diagnosis, fault clearing verification by road test			
Replacement of rear brake disc and brake wheel cylinder on one side	458090910GQ		1.60
Replacement of rear brake disc and brake wheel cylinder on both sides	458100910GQ		2.00
Including bleeding, removal-refitting of seals in repair kit, fault diagnosis, fault clearing verification by road test			
Replacement of rear brake cover on one side	458110910GQ		1.70
Replacement of rear brake cover on both sides	458120910GQ		2.10
Including bleeding, removal-refitting of rear brake wheel cylinder and brake disc			
Replacement of rear brake pads (including 4 rear brake pads)	458010910GQ		0.50
Surface finishing of rear brake pads (including 4 front brake pads)	458012010GQ		0.60

Parking brake



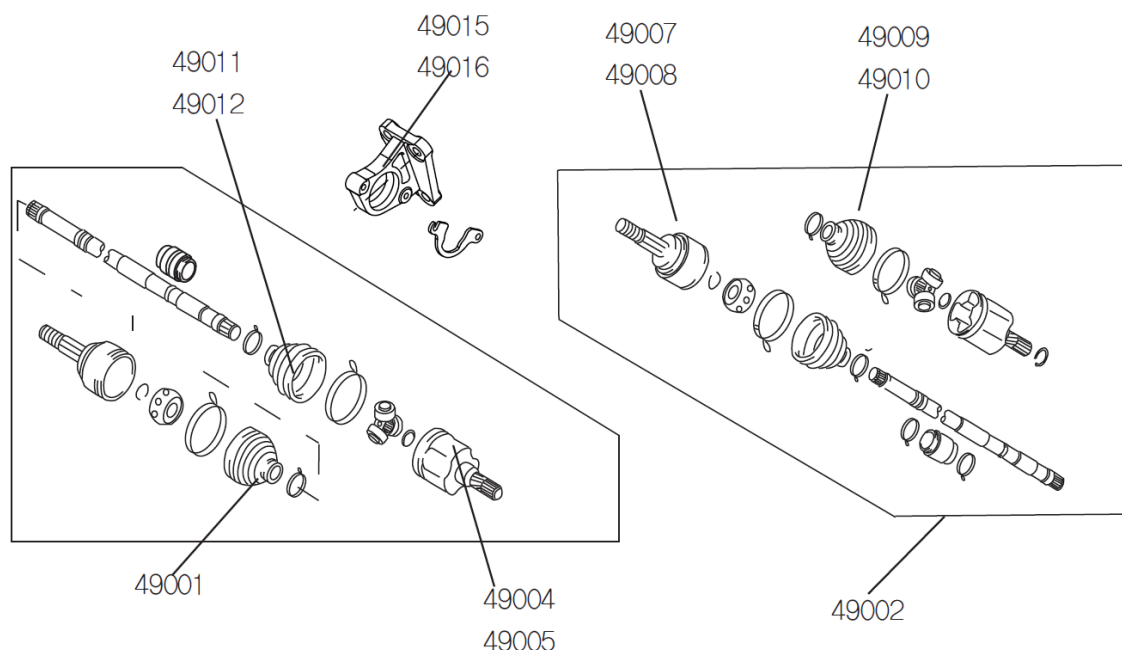
Service operation	Work hour code		Labor-hour
	Full code	Supplement	
Adjustment tension and balance of brake cable Special adjustment, complete work hours for separated operation, supplement work hours for removal & refitting of parking brake related parts	480010410GQ		0.50
Replacement of parking brake pedal assembly (including adjustment of brake)	480040910GQ		1.00
Replacement of front parking brake cable	480100910GQ		1.60
Replacement of rear parking brake cable on one side	480110910GQ		1.30
Replacement of rear parking brake cables on both sides Including adjustment of parking brake	480120910GQ		1.60
Replacement of parking brake lamp switch	480080910GQ		0.60
Replacement of electronic parking brake lamp switch	480060910GQ		0.50
Replacement of electronic parking brake control unit (including fault diagnosis/fault clearing test)	480070910GQ		0.80
Replacement of rear parking brake motor on one side (including testing/road test)	480130910GQ		0.80
Replacement of rear parking brake motor on both sides (including testing/road test)	480140910GQ		1.20
Replacement of rear parking brake assembly on one side (including adjustment of parking brake)	462010910GQ		0.70
Replacement of rear parking brake assembly on both sides (including adjustment of parking brake)	462020910GQ		1.20
Replacement of rear parking brake shoe (including adjustment of parking brake)	462030910GQ		1.00
Surface finishing of rear parking brake shoe (including adjustment of parking brake)	462032010GQ		0.80
Replacement of rear parking brake shoe support on one side (including spring, bracket, adjuster)	462040910GQ		0.60
Replacement of rear parking brake shoe support on both sides (including spring, bracket, adjuster)	462050910GQ		1.00

Front axle shaft

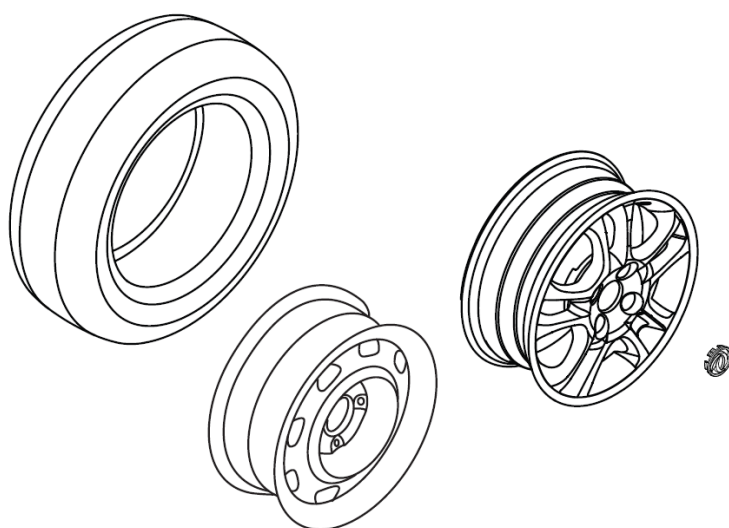


Service operation	Work hour code		Labor -hour
	Full code	Supplement	
Replacement of front axle shaft assembly on left side	490010910GQ		1.20
Replacement of front axle shaft assembly on right side	490020910GQ		1.40
Replacement of front axle shaft assemblies on both sides (Including possible replacement of differential oil seal, and draining & adding of reducer oil)	490030910GQ		2.40
The following operations include removal & refitting of front axle shaft, draining & adding of reducer oil			
Replacement of front axle shaft inner ball cage on left side	490040910GQ		1.40
Replacement of front axle shaft inner ball cage on right side	490050910GQ		1.60
Replacement of front axle shaft inner ball cages on both sides	490060910GQ		2.80
Replacement of front axle shaft outer ball cage on one side	490070910GQ		1.70
Replacement of front axle shaft outer ball cage on both sides	490080910GQ		3.00
Replacement of wheel-side front axle shaft cover on one side	490090910GQ		1.60
Replacement of wheel-side front axle shaft cover on both sides	490100910GQ		3.20
Replacement of reducer-side front axle shaft cover on one side	490110910GQ		1.80
Replacement of reducer-side front axle shaft cover on both sides	490120910GQ		3.20
Replacement of wheel-side and reducer-side front axle shaft cover on one side	490130910GQ		2.00
Replacement of wheel-side and reducer-side front axle shaft cover on both sides	490140910GQ		3.40
Replacement of right axle shaft bearing	490150910GQ		1.70
Replacement of right axle shaft bracket	490160910GQ		1.60

Front axle shaft



Service operation	Work hour code		Labor-hour
	Full code	Supplement	
Removal-refitting of front axle shaft assembly on left side	490010210GQ		1.20
Removal-refitting of front axle shaft assembly on right side	490020210GQ		1.40
Removal-refitting of front axle shaft assemblies on both sides Including possible replacement of differential oil seal, and draining & adding of reducer oil)	490030210GQ		2.40
Operations involved after the front axle shaft is removed			
+ Supplement:-replacement of differential housing oil seal on left side		350030926GQ	0.30
.....-replacement of differential housing oil seal on right side		350040926GQ	0.30
.....-replacement of differential housing oil seals on both sides		350050926GQ	0.50
.....-replacement of front axle shaft inner ball cage on left side		490040926GQ	0.30
.....-replacement of front axle shaft inner ball cage on right side		490050926GQ	0.40
.....-replacement of front axle shaft inner ball cages on both sides		490060926GQ	0.40
.....-replacement of front axle shaft outer ball cage on one side		490070926GQ	0.30
.....-replacement of front axle shaft outer ball cage on both sides		490080926GQ	0.50
.....-replacement of wheel-side front axle shaft cover on one side		490090926GQ	0.50
.....-replacement of wheel-side front axle shaft cover on both sides		490100926GQ	0.70
.....-replacement of reducer-side front axle shaft cover on one side		490110926GQ	0.30
.....-replacement of reducer-side front axle shaft cover on both sides		490120926GQ	0.50
.....-replacement of wheel-side and reducer-side front axle shaft cover on one side		490130926GQ	0.50
.....-replacement of wheel-side and reducer-side front axle shaft covers on both sides.		490140926GQ	0.70
.....-replacement of right axle shaft bearing		490150926GQ	0.30
.....-replacement of right axle shaft bracket		490160926GQ	0.30



Service operation	Work hour code		Labor-hour
	Full code	Supplement	
Rotation of 2 wheels (rotation of front or rear wheels on left and right sides)	430010210GQ		0.30
Rotation of 4 wheels (cross rotation of front or rear wheels on left and right sides)	430020210GQ		0.50
Dynamic balancing of one wheel	430034510GQ		0.30
Dynamic balancing of two wheels	430044510GQ		0.50
Dynamic balancing of three wheels	430054510GQ		0.70
Dynamic balancing of four wheels	430064510GQ		0.90
Painting of one rim	430112810GQ		2.10
Painting of two rims	430122810GQ		2.30
Painting of four rims	430132810GQ		2.60
The above work hours include those for removal & refitting of the wheels			
Replacement of one tire or one rim	430070910GQ		0.50
Repair of one tire	430091010GQ		0.70
Repair of two tires	430101010GQ		0.80
The above work hours include those for removal & refitting of the wheels			
Adding of one tire or replacement of one rim	430080910GQ		0.30
Supplement work hour: time to be increased in case of each additional wheel added on one tire replacement basis.			
Including removal & refitting of wheel and dynamic balancing of tire			
Replacement of wheel trim covers (all)	430140910GQ		0.20
Maintenance of spare wheel (including removal & refitting of spare wheel, inspection, aerating)	430150307GQ		0.30
Replacement of tire pressure sensor (one piece)	430300910GQ		0.70
Replacement of tire pressure sensor (two pieces)	430319010GQ		1.20
Replacement of tire pressure sensor (two pieces)	430320910GQ		1.80
Including removal & refitting of wheel and dynamic balancing of tire			
Replacement of tire pressure monitor controller	745080910GQ		1.00

1. Common work hour
2. Mechanical service
3. Body equipment
4. Sheet metal painting

E70

Work Hour Manual

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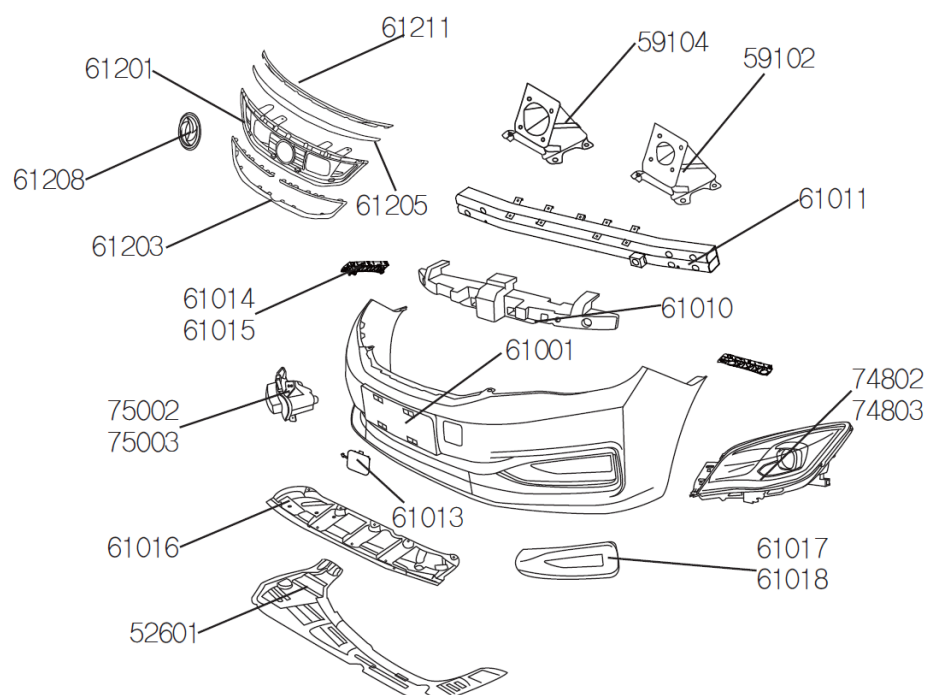
The company reserves the right to make changes to and interpret this manual.

Work Hour Manual for Dongfeng E70

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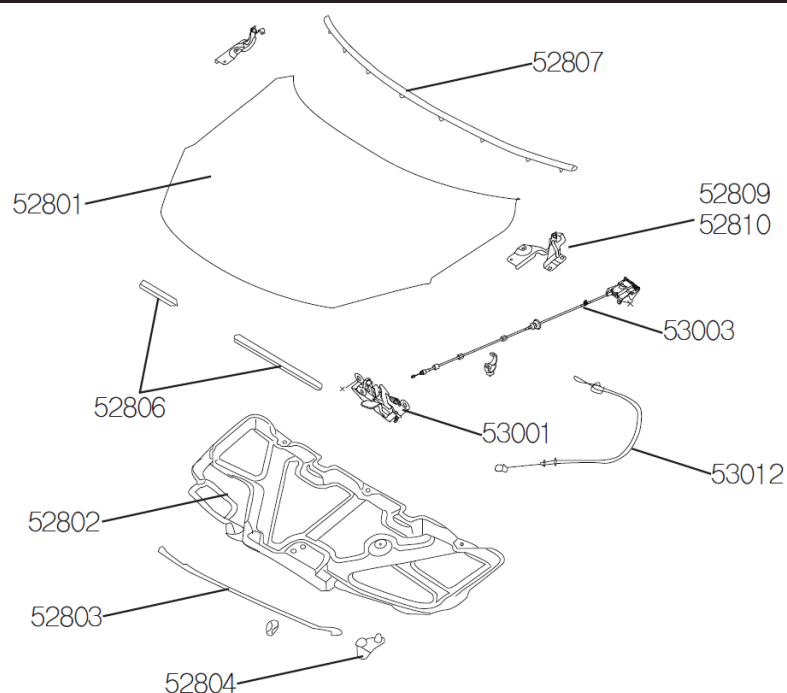
Front Bumper



Service operation	Work hour code		Labor-hour
	Full code	Supplement	
Removal-refitting of front bumper	610010210GQ		0.80
Replacement of front bumper (including removal & refitting of accessories, replacement of energy absorbing block)	610010910GQ		1.30
Operations involved after the front bumper is removed			
+ Supplement:-replacement of front bumper lower grille		610120950GQ	0.30
.....-replacement of headlamp assembly on one side		748020950GQ	0.20
.....-replacement of headlamp assembly on both sides		748030950GQ	0.30
.....-replacement of front fog lamp on one side		750020950GQ	0.10
.....-replacement of front fog lamp on both sides		750030950GQ	0.20
.....-replacement of fan baffle		284070950GQ	0.10
Replacement of front bumper frame	610110910GQ		1.10
Replacement of front towing hook plug (including painting)	610130910GQ		0.50
Replacement of front bumper mounting seat on one side	610140910GQ		1.00
Replacement of front bumper mounting seat on both sides	610150910GQ		1.00
Replacement of front bumper lower protective plate	610160910GQ		0.40
Replacement of front fog lamp trim panel on one side	610170910GQ		1.00
Replacement of front fog lamp trim panel on both sides	610180910GQ		1.10
Replacement of front grille assembly	612010910GQ		0.50
Replacement of front grille moldings (all)	612030910GQ		0.50
Replacement of front grille upper molding	612050910GQ		0.30
Replacement of front grille sealing strip	612110910GQ		0.30
Replacement of front logo	612080910GQ		0.30
Replacement of left charging port cover bracket	591020910GQ		1.00
Replacement of right charging port cover bracket	591040910GQ		1.00
Replacement of engine lower protective plate	526010910GQ		0.40

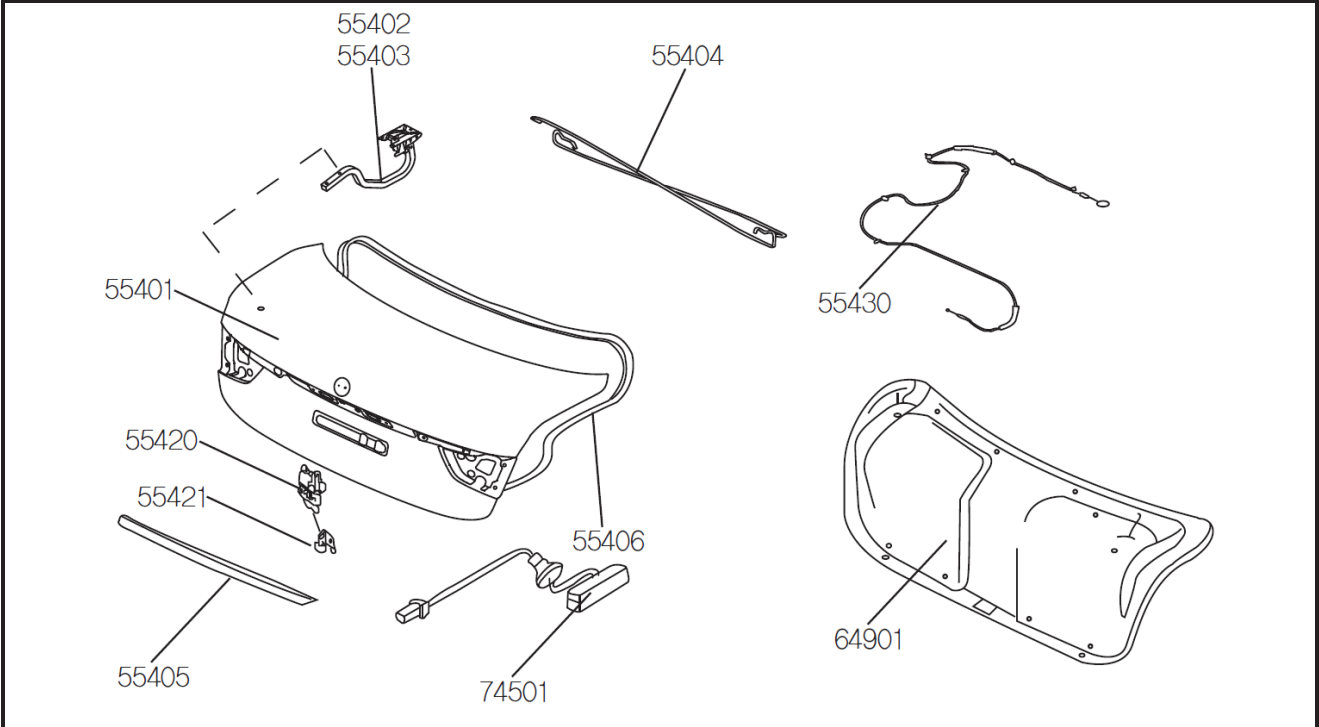
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Engine Hood



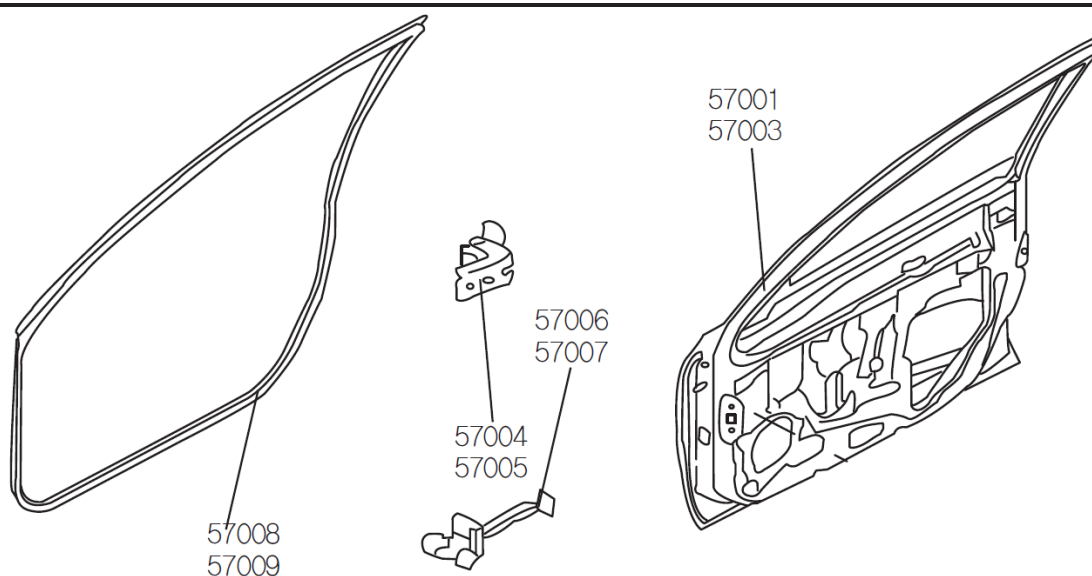
Service operation	Work hour code		Labor-hour
	Full code	Supplement	
Removal-refitting of engine hood	528010210GQ		0.50
Replacement of engine hood	528010910GQ		0.80
Replacement of engine hood sound insulation pad	528020910GQ		0.30
Replacement of engine hood stay bar (including stay bar clips)	528030910GQ		0.20
Replacement of engine hood stay bar clips	528040910GQ		0.20
Replacement of engine hood front sealing strips on both sides	528060910GQ		0.30
Replacement of engine hood rear sealing strip	528070910GQ		0.30
Replacement of engine hood hinge on one side (including painting)	528090910GQ		1.00
Replacement of engine hood hinge on both sides (including painting)	528100910GQ		1.00
Replacement of engine hood lock	530010910GQ		0.50
Replacement of engine hood lock mechanism cable	530030910GQ		0.70
Replacement of slow charger emergency activation mechanism	530120910GQ		0.40

Trunk lid

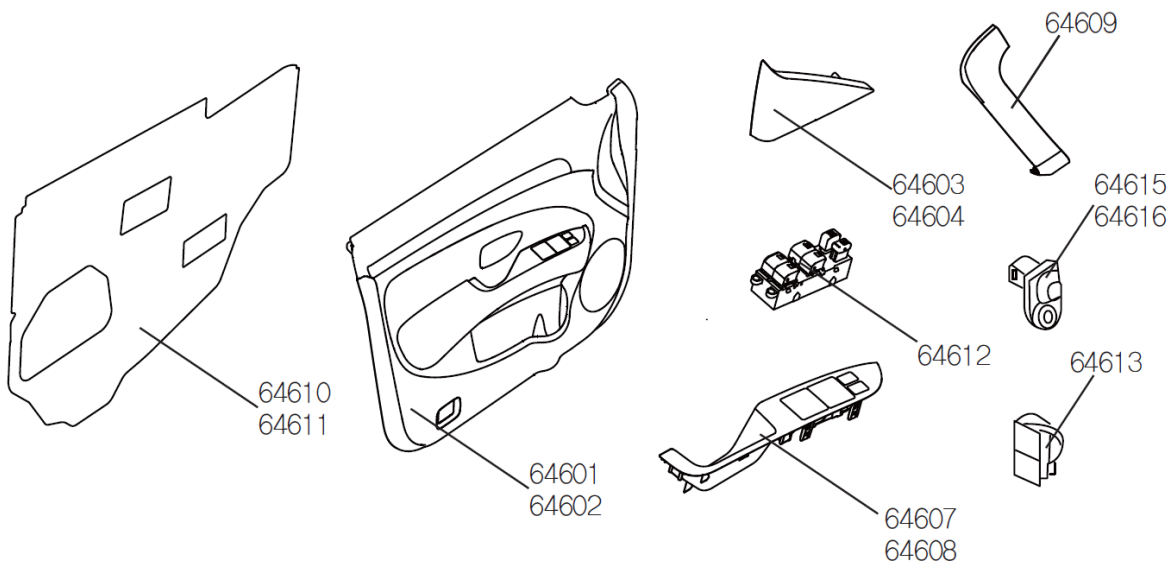


Service operation	Work hour code		Labor-hour
	Full code	Supplement	
Removal-refitting of trunk lid	554010210GQ		1.30
Replacement of trunk lid	554010910GQ		1.80
Replacement of trunk lid hinge on one side (including replacement of gasket)	554020910GQ		1.60
Replacement of trunk lid hinge on both sides (including replacement of gasket)	554030910GQ		1.70
Replacement of trunk lid hinge torsion bar	554040910GQ		0.40
Replacement of trunk lid molding	554050910GQ		0.40
Replacement of trunk lid sealing strip	554060910GQ		0.30
Removal-refitting of license plate (sedan)	554070210GQ		0.30
Replacement of trunk lid lock	554200910GQ		0.50
Replacement of trunk lid lock catch	554210910GQ		0.40
Replacement of trunk lid opening cable	554300910GQ		0.50
Replacement of trunk lid opening switch (at the trunk lid)	745010910GQ		0.50
Replacement of trunk lid protective plate	649010910GQ		0.40

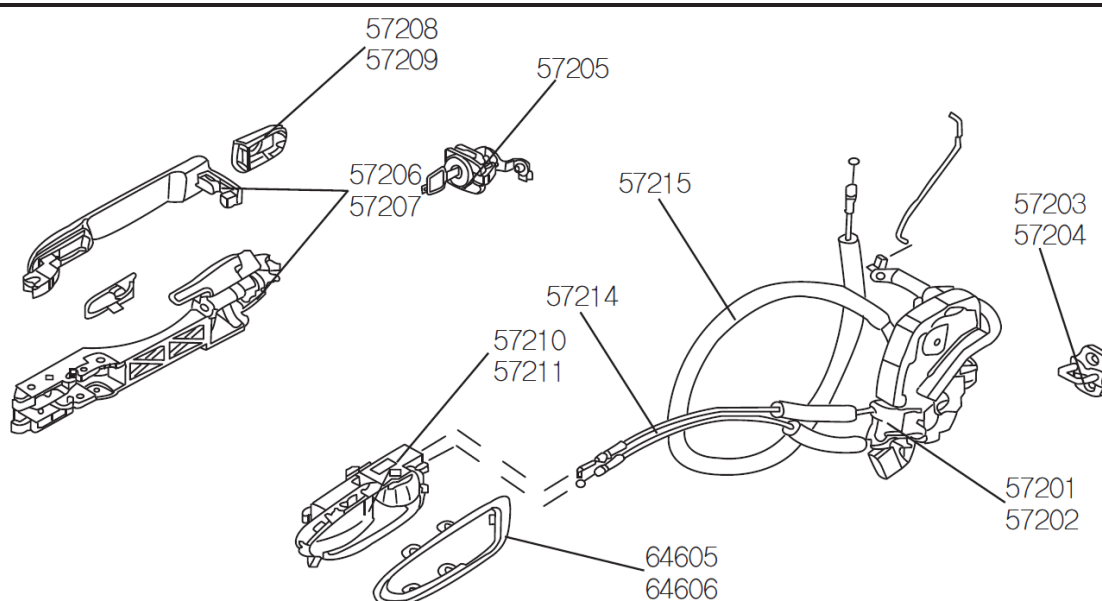
Front door



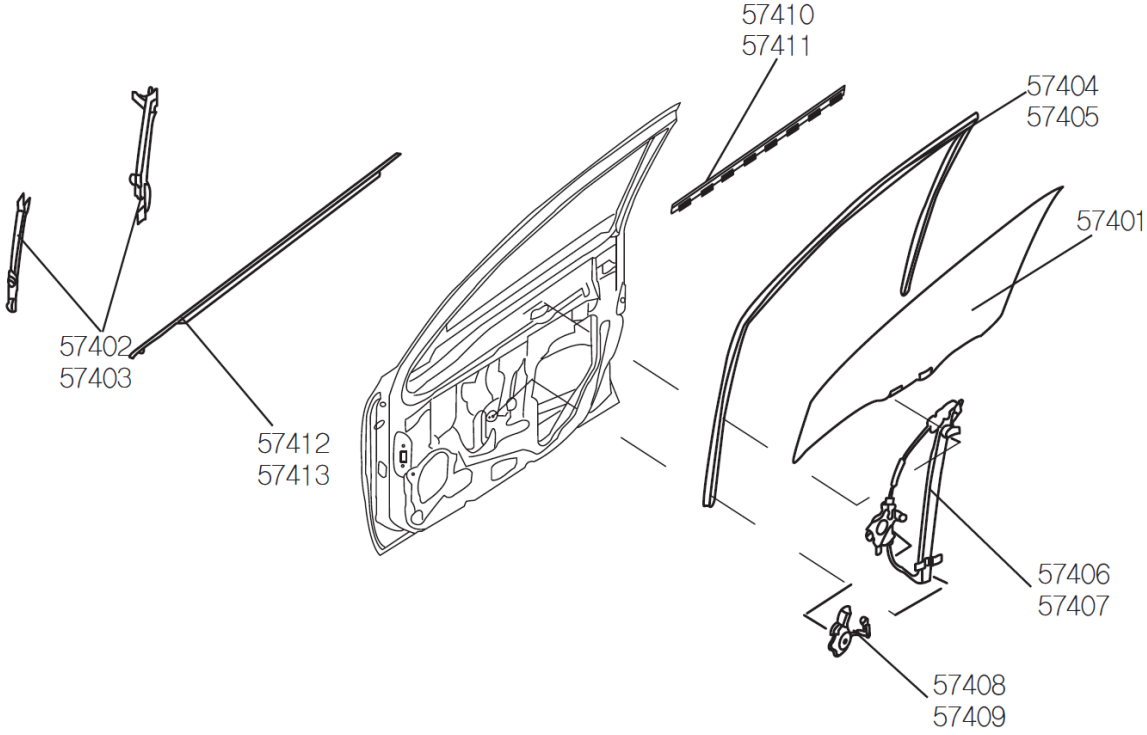
Service operation	Work hour code		Labor-hour
	Full code	Supplement	
Removal-refitting of one front door (removal-refitting of assembly)	570010210GQ		0.40
Replacement of one front door (removal & refitting of parts)	570010910GQ		2.20
Removal-refitting of two front doors (removal-refitting of assembly)	570030210GQ		0.80
Replacement of two front doors (removal & refitting of parts)	570030910GQ		4.30
Replacement of front door hinge on one side	570040910GQ		0.50
Replacement of front door hinge on both sides	570050910GQ		1.00
Replacement of front door stopper on one side	570060910GQ		0.70
Replacement of front door stopper on both sides	570070910GQ		1.40
Replacement of front door sealing strip	570080910GQ		0.60
Replacement of front door sealing strip on both sides	570090910GQ		1.00

Front door trim			
			
Service operation	Work hour code		Labor-hour
	Full code	Supplement	
Replacement of front door inner protective plate on one side	646010910GQ		0.40
Replacement of front door inner protective plate on both sides	646020910GQ		0.70
Replacement of front door triangular trim panel on one side	646030910GQ		0.40
Replacement of front door triangular trim panel on both sides	646040910GQ		0.70
Replacement of left front door inside handle cover	646050910GQ		0.20
Replacement of right front door inside handle cover	646060910GQ		0.20
Replacement of left front door switch panel	646070910GQ		0.30
Replacement of right front door switch panel	646080910GQ		0.30
Replacement of right front door armrest cover	646090910GQ		0.20
Replacement of front door waterproof membrane on one side	646100910GQ		0.50
Replacement of front door waterproof membrane on both sides	646110910GQ		0.90
Replacement of left front door electric switch (including window regulator switch)	646120910GQ		0.30
Replacement of right front door window regulator switch	646130910GQ		0.30
Replacement of front door ceiling lamp touch switch (door switch) on one side	646150910GQ		0.20
Replacement of front door ceiling lamp touch switch (door switch) on both sides	646160910GQ		0.30

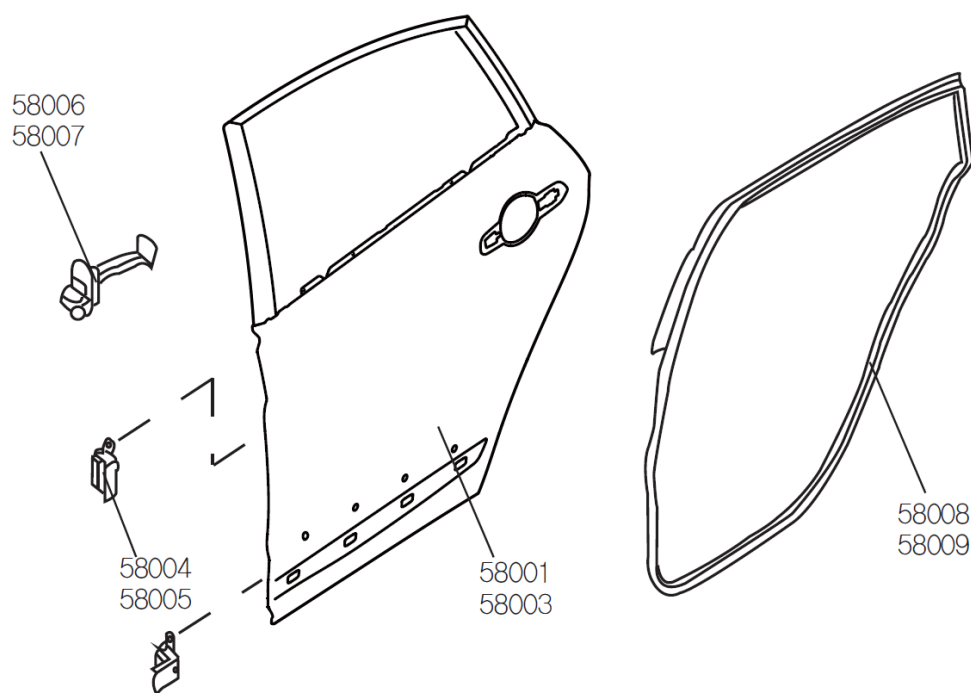
Front door lock



Service operation	Work hour code		Labor-hour
	Full code	Supplement	
Replacement of front door lock body assembly on one side	572010910GQ		1.00
Replacement of front door lock body assembly on both sides	572020910GQ		1.80
Replacement of front door buckle on one side	572030910GQ		0.30
Replacement of front door buckle on both sides	572040910GQ		0.40
Replacement of left front door lock cylinder	572050910GQ		0.50
Replacement of front door outside handle mount & handle on one side	572060910GQ		1.20
Replacement of front door outside handle mount & handle on both sides	572070910GQ		2.30
Replacement of front door outside handle trim cover on one side	572080910GQ		0.20
Replacement of front door outside handle trim cover on both sides	572090910GQ		0.40
Replacement of front door inside handle on one side	572100910GQ		0.60
Replacement of front door inside handle on both sides	572110910GQ		1.10
Replacement of front door inside handle drawing on one side	572140910GQ		1.00
Replacement of front door outside handle drawing on one side	572150910GQ		1.00
Replacement of left front door inside handle cover	646050910GQ		0.20
Replacement of right front door inside handle cover	646060910GQ		0.20

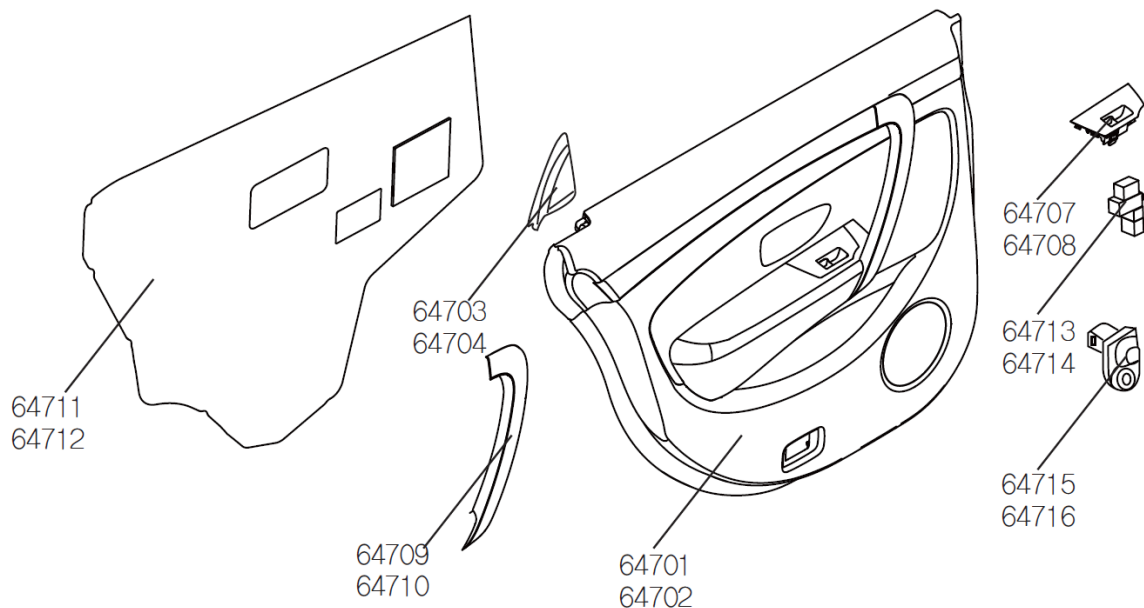
Front door window regulator			
			
Service operation	Work hour code		Labor-hour
	Full code	Supplement	
Replacement of front door window on one side (including clearing of damaged glass)		574010910GQ	1.20
Clearing of damaged front door glass Clearing before replacement of one front door window with its glass damaged		574011311GQ	0.30
Replacement of front door window rail on one side	574020910GQ		0.60
Replacement of front door window rail on both sides	574030910GQ		1.00
Replacement of front door window channel on one side	574040910GQ		0.80
Replacement of front door window channel on both sides	574050910GQ		1.50
Replacement of front door window regulator assembly on one side	574060910GQ		1.00
Replacement of front door window regulator assembly on both sides	574070910GQ		1.80
Replacement of front door window regulator motor on one side	574080910GQ		1.00
Replacement of front door window regulator motor on both sides	574090910GQ		1.80
Replacement of front door window inner trim strip on one side	574100910GQ		0.60
Replacement of front door window inner trim strip on both sides	574110910GQ		1.00
Replacement of front door window outer trim strip on one side	574120910GQ		0.40
Replacement of front door window outer trim strip on both sides	574130910GQ		0.70

Rear door



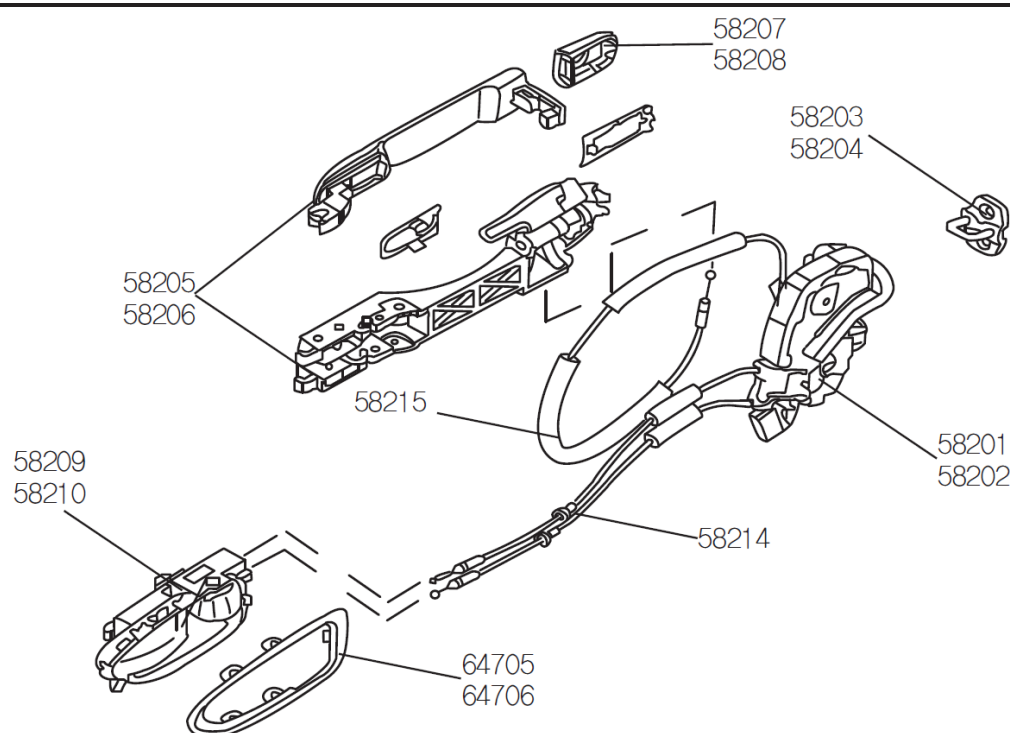
Service operation	Work hour code		Labor-hour
	Full code	Supplement	
Removal-refitting of one rear door (removal-refitting of assembly)	580010210GQ		0.40
Replacement of one rear door (removal & refitting of parts)	580010910GQ		2.20
Removal-refitting of two rear doors (removal-refitting of assembly)	580030210GQ		0.80
Replacement of two rear doors (removal & refitting of parts)	580030910GQ		4.40
Replacement of rear door hinge on one side	580040910GQ		0.50
Replacement of rear door hinge on both sides	580050910GQ		1.00
Replacement of rear door stopper on one side	580060910GQ		0.70
Replacement of rear door stopper on both sides	580070910GQ		1.40
Replacement of rear door sealing strip	580080910GQ		0.60
Replacement of rear door sealing strip on both sides	580090910GQ		1.00

Rear door trim



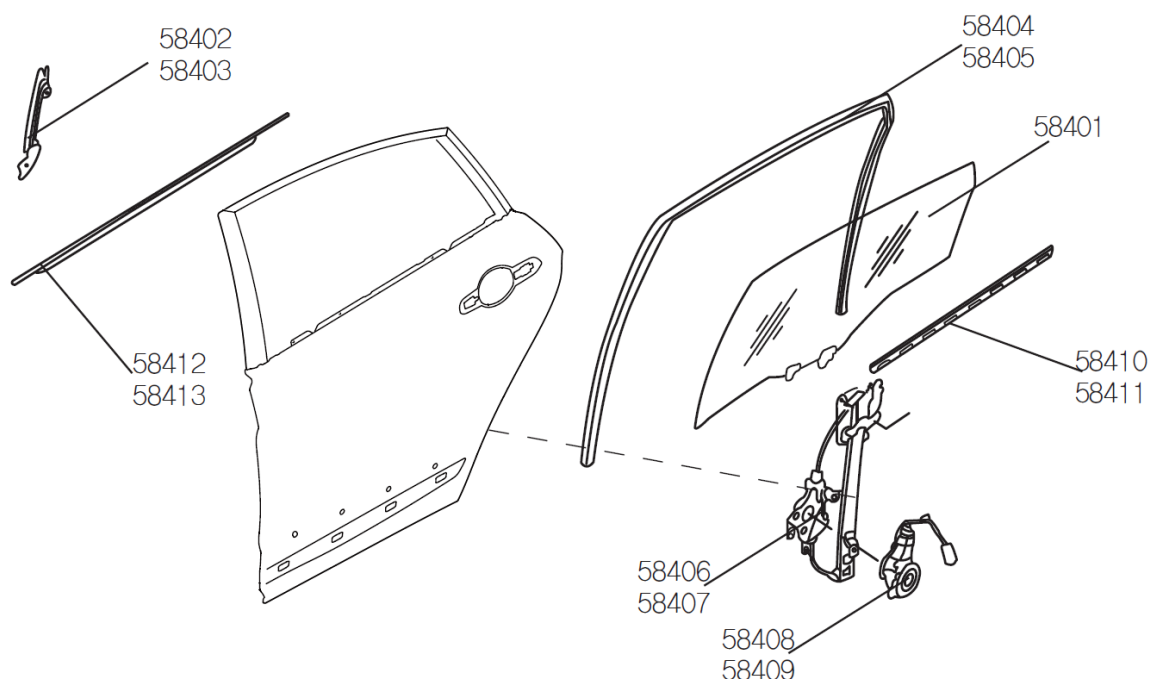
Service operation	Work hour code		Labor-hour
	Full code	Supplement	
Replacement of rear door inner protective plate on one side	647010910GQ		0.40
Replacement of rear door inner protective plate on both sides	647020910GQ		0.70
Replacement of rear door triangular trim panel on one side	647030910GQ		0.40
Replacement of rear door triangular trim panel on both sides	647040910GQ		0.70
Replacement of rear door inside handle cover on one side	647050910GQ		0.20
Replacement of rear door inside handle cover on both sides	647060910GQ		0.30
Replacement of rear door switch panel on one side	647070910GQ		0.30
Replacement of rear door switch panel on both sides	647080910GQ		0.50
Replacement of rear door armrest cover on one side	647090910GQ		0.20
Replacement of rear door armrest cover on both sides	647100910GQ		0.30
Replacement of rear door waterproof membrane on one side	647110910GQ		0.50
Replacement of rear door waterproof membrane on both sides	647120910GQ		0.90
Replacement of rear door window regulator switch on one side	647130910GQ		0.30
Replacement of rear door window regulator switch on both sides	647140910GQ		0.50
Replacement of rear door ceiling lamp touch switch (door switch) on one side	647150910GQ		0.20
Replacement of rear door ceiling lamp touch switch (door switch) on both sides	647160910GQ		0.30

Rear door lock



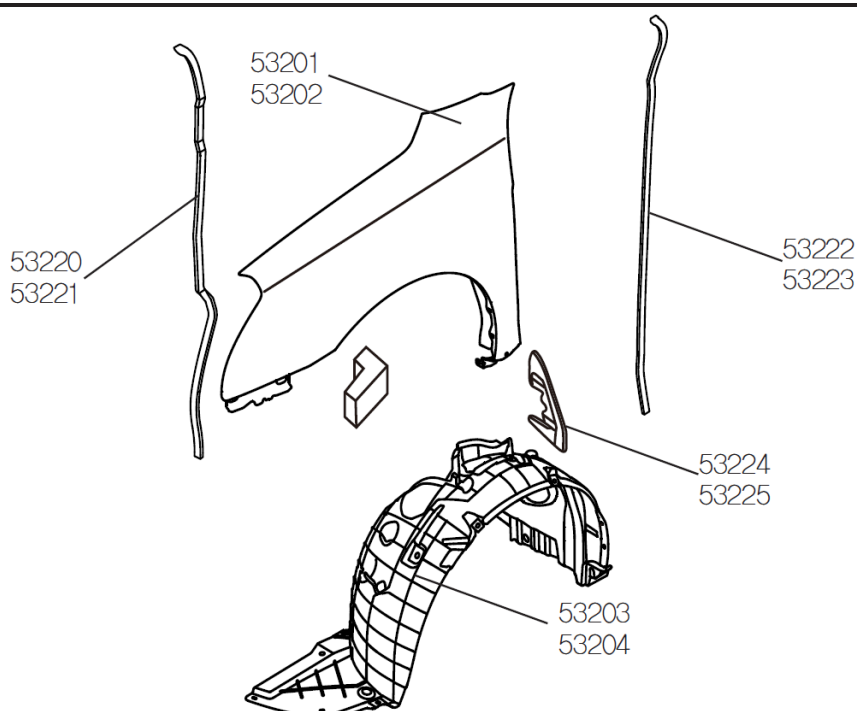
Service operation	Work hour code		Labor-hour
	Full code	Supplement	
Replacement of rear door lock body assembly on one side	582010910GQ		1.00
Replacement of rear door lock body assembly on both sides	582020910GQ		1.80
Replacement of rear door buckle on one side	582030910GQ		0.30
Replacement of rear door buckle on both sides	582040910GQ		0.40
Replacement of rear door outside handle mount & handle on one side	582050910GQ		1.20
Replacement of rear door outside handle mount & handle on both sides	582060910GQ		2.30
Replacement of rear door outside handle trim cover on one side	582070910GQ		0.20
Replacement of rear door outside handle trim cover on both sides	582080910GQ		0.40
Replacement of rear door inside handle on one side	582090910GQ		0.60
Replacement of rear door inside handle on both sides	582100910GQ		1.10
Replacement of rear door inside handle drawing on one side	582140910GQ		1.00
Replacement of rear door outside handle drawing on one side	582150910GQ		1.00
Replacement of rear door inside handle cover on one side	647050910GQ		0.20
Replacement of rear door inside handle cover on both sides	647060910GQ		0.30

Rear door window regulator



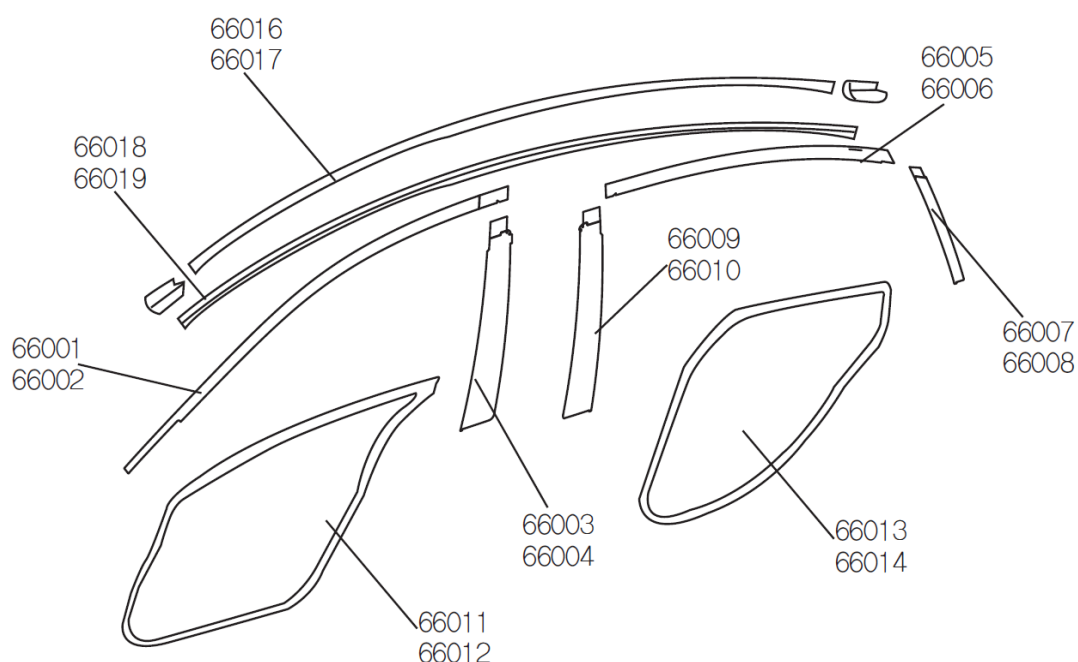
Service operation	Work hour code		Labor-hour
	Full code	Supplement	
Replacement of rear door window on one side (including clearing of damaged glass)		584010910GQ	1.20
Clearing of damaged rear door glass Clearing before replacement of one rear door window with its glass damaged		584011311GQ	0.30
Replacement of rear door window rail on one side	584020910GQ		0.60
Replacement of rear door window rail on both sides	584030910GQ		1.00
Replacement of rear door window channel on one side	584040910GQ		0.80
Replacement of rear door window channel on both sides	584050910GQ		1.50
Replacement of rear door window regulator assembly on one side	584060910GQ		1.00
Replacement of rear door window regulator assembly on both sides	584070910GQ		1.80
Replacement of rear door window regulator motor on one side	584080910GQ		1.00
Replacement of rear door window regulator motor on both sides	584090910GQ		1.80
Replacement of rear door window inner trim strip on one side	584100910GQ		0.60
Replacement of rear door window inner trim strip on both sides	584110910GQ		1.00
Replacement of rear door window outer trim strip on one side	584120910GQ		0.50
Replacement of rear door window outer trim strip on both sides	584130910GQ		0.80

Front fender

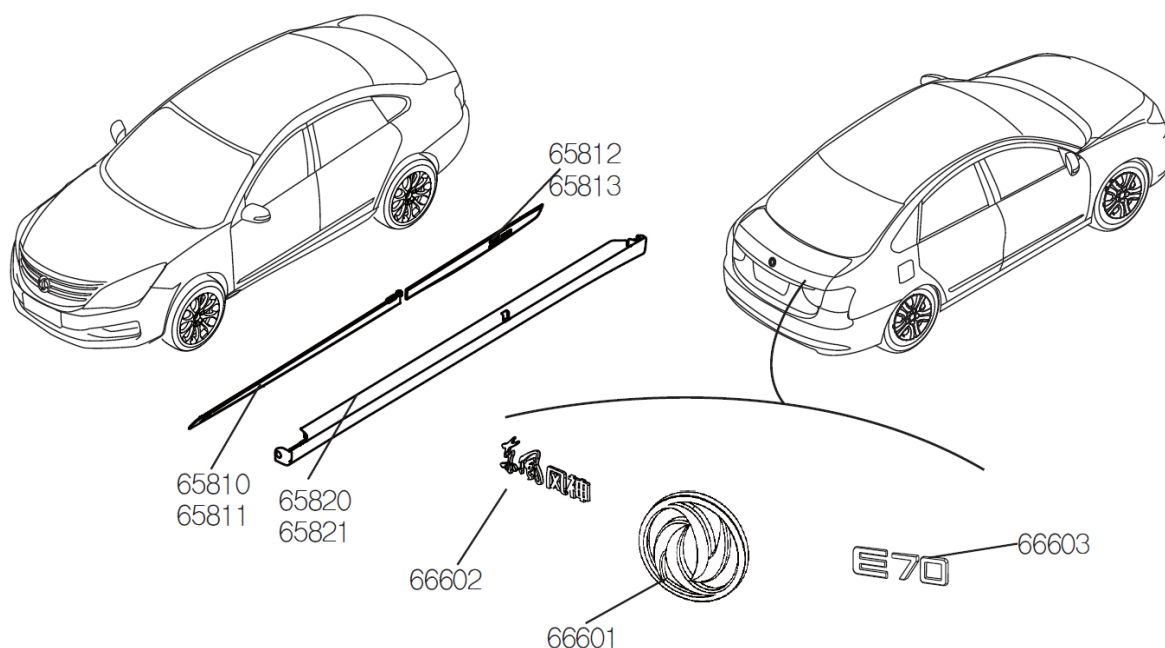


Service operation	Work hour code		Labor-hour
	Full code	Supplement	
Replacement of front fender on one side	532010910GQ		1.50
Replacement of front fender on both sides	532020910GQ		2.10
Replacement of front wheel housing mudguard on one side	532030910GQ		0.40
Replacement of front wheel housing mudguard on both sides	532040910GQ		0.80
Replacement of front fender fixing bracket inner sealing strip on one side	532200910GQ		0.60
Replacement of front fender fixing bracket inner sealing strip on both sides	532210910GQ		1.00
Replacement of front fender fixing bracket outer sealing strip on one side	532220910GQ		0.60
Replacement of front fender fixing bracket outer sealing strip on both sides	532230910GQ		1.00
Replacement of fender damping cushion on one side	532240910GQ		0.60
Replacement of fender damping cushion on both sides	532250910GQ		1.00

Body trims

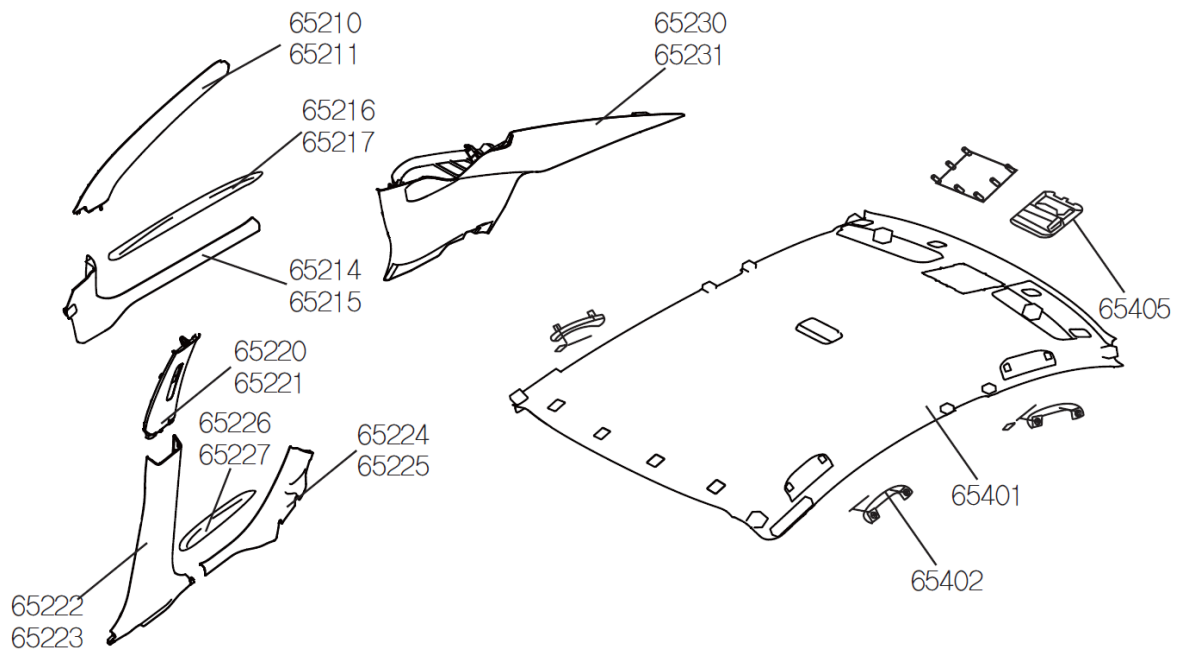


Service operation	Work hour code		Labor-hour
	Full code	Supplement	
Replacement of front door frame trim film on one side	660010910GQ		0.50
Replacement of front door frame trim film on both sides	660020910GQ		0.80
Replacement of front door B-pillar trim film on one side	660030910GQ		0.40
Replacement of front door B-pillar trim film on both sides	660040910GQ		0.60
Replacement of rear door frame upper trim film on one side	660050910GQ		0.40
Replacement of rear door frame upper trim film on both sides	660060910GQ		0.60
Replacement of rear door frame rear trim film on one side	660070910GQ		0.50
Replacement of rear door frame rear trim film on both sides	660080910GQ		0.80
Replacement of rear door B-pillar trim film on one side	660090910GQ		0.40
Replacement of rear door B-pillar trim film on both sides	660100910GQ		0.60
Replacement of front door frame sealing strip on one side	660110910GQ		0.30
Replacement of front door frame sealing strip on both sides	660120910GQ		0.50
Replacement of rear door frame sealing strip on one side	660130910GQ		0.30
Replacement of rear door frame sealing strip on both sides	660140910GQ		0.50
Replacement of roof trim strip on one side	660160910GQ		0.30
Replacement of roof trim strip on both sides	660170910GQ		0.50
Replacement of drip rail molding on one side	660180910GQ		0.40
Replacement of drip rail molding on both sides	660190910GQ		0.70



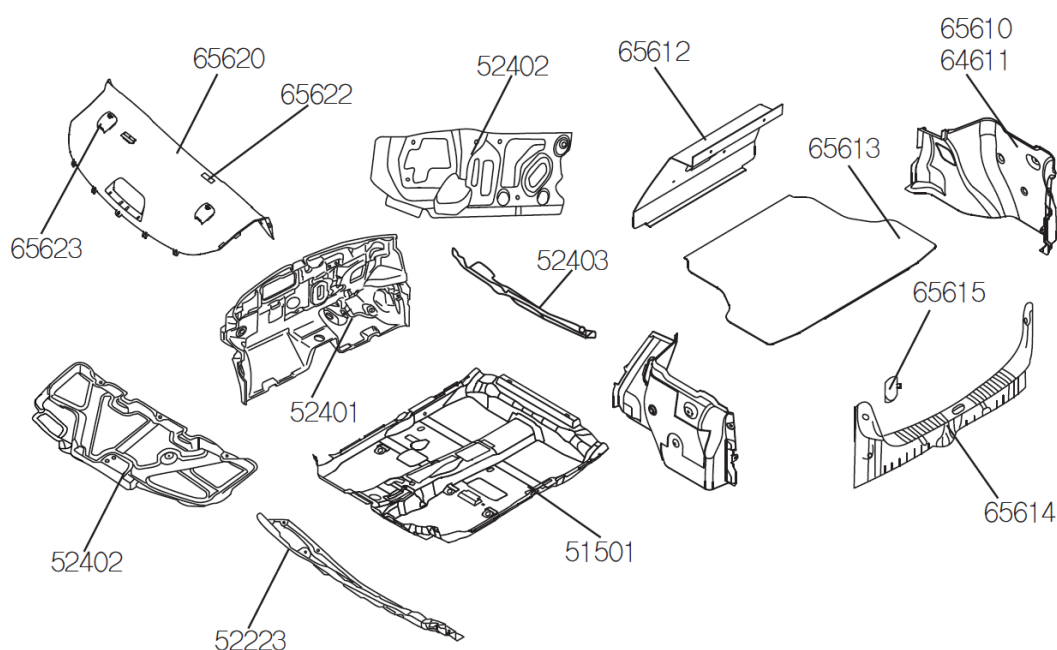
Service operation	Work hour code		Labor-hour
	Full code	Supplement	
Replacement of front door trim strip on one side	658100910GQ		0.40
Replacement of front door trim strip on both sides	658110910GQ		0.70
Replacement of rear door trim strip on one side	658120910GQ		0.40
Replacement of rear door trim strip on both sides	658130910GQ		0.70
Replacement of side outer wall on one side	658200910GQ		0.50
Replacement of side outer wall on both sides	658210910GQ		0.80
Replacement of front wheel trim on one side	658220910GQ		0.30
Replacement of front wheel trim on both sides	658230910GQ		0.50
Replacement of rear wheel trim on one side	658240910GQ		0.30
Replacement of rear wheel trim on both sides	658250910GQ		0.50
Vehicle identification			
Replacement of rear logo	666010910GQ		0.40
Replacement of brand logo (Dongfeng)	666020910GQ		0.40
Replacement of vehicle model logo	666030910GQ		0.40

Door interior trim

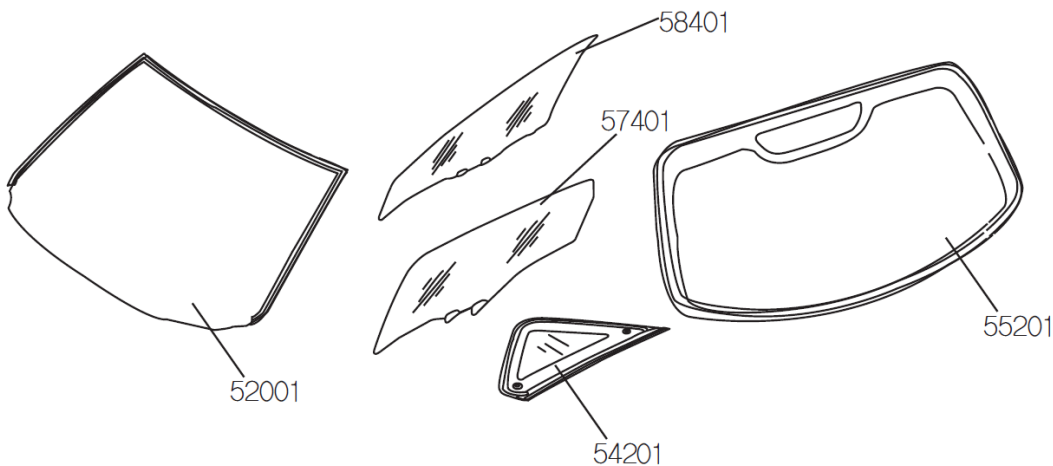


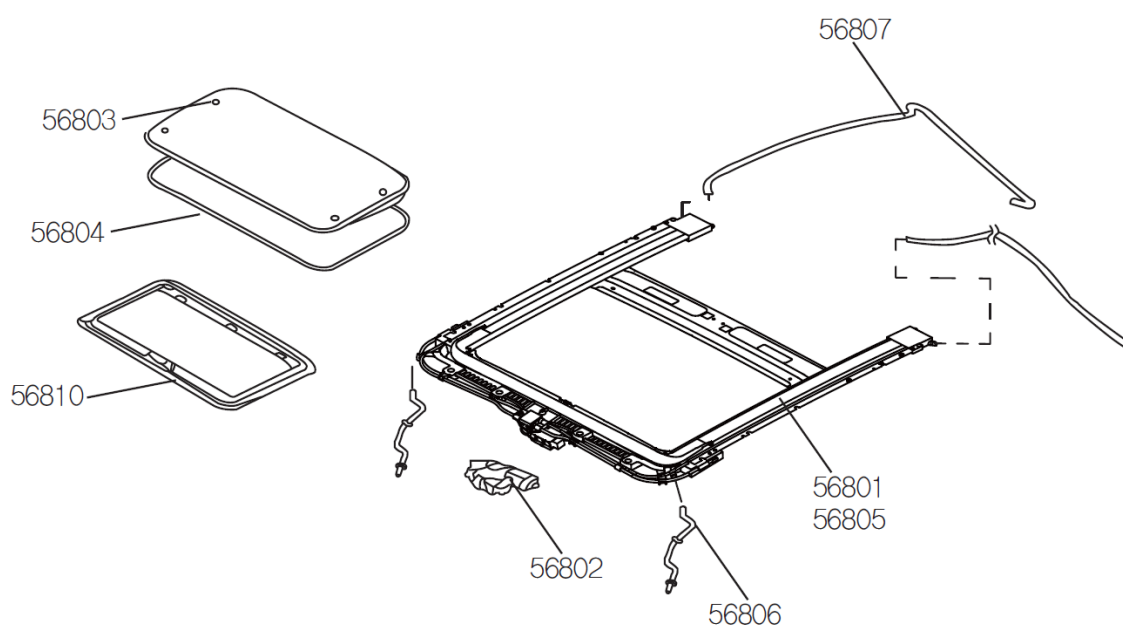
Service operation	Work hour code		Labor-hour
	Full code	Supplement	
Replacement of A-pillar upper protective plate on one side	652100910GQ		0.20
Replacement of A-pillar upper protective plate on both sides	652110910GQ		0.30
Replacement of front door sill inner protective plate on one side	652140910GQ		0.30
Replacement of front door sill inner protective plate on both sides	652150910GQ		0.40
Replacement of front door step on one side	652160910GQ		0.20
Replacement of front door step on both sides	652170910GQ		0.30
Replacement of B-pillar upper protective plate on one side	652200910GQ		0.30
Replacement of B-pillar upper protective plate on both sides	652210910GQ		0.40
Replacement of A-pillar lower protective plate on one side	652220910GQ		0.20
Replacement of A-pillar lower protective plate on both sides	652230910GQ		0.30
Replacement of rear door sill inner protective plate on one side	652240910GQ		0.30
Replacement of rear door sill inner protective plate on both sides	652250910GQ		0.40
Replacement of rear door step on one side	652260910GQ		0.20
Replacement of rear door step on both sides	652270910GQ		0.30
Replacement of C-pillar upper protective plate on one side	652300910GQ		0.30
Replacement of C-pillar upper protective plate on both sides	652310910GQ		0.40
Removal-refitting of roof trim plate (including that with sunroof)	654010210GQ		1.80
Replacement of roof interior trim plate (including that with sunroof)	654010910GQ		1.80
Replacement of one door frame upper handle	654020910GQ		0.30
Replacement of spectacle case	654050910GQ		2.00

Door interior trim



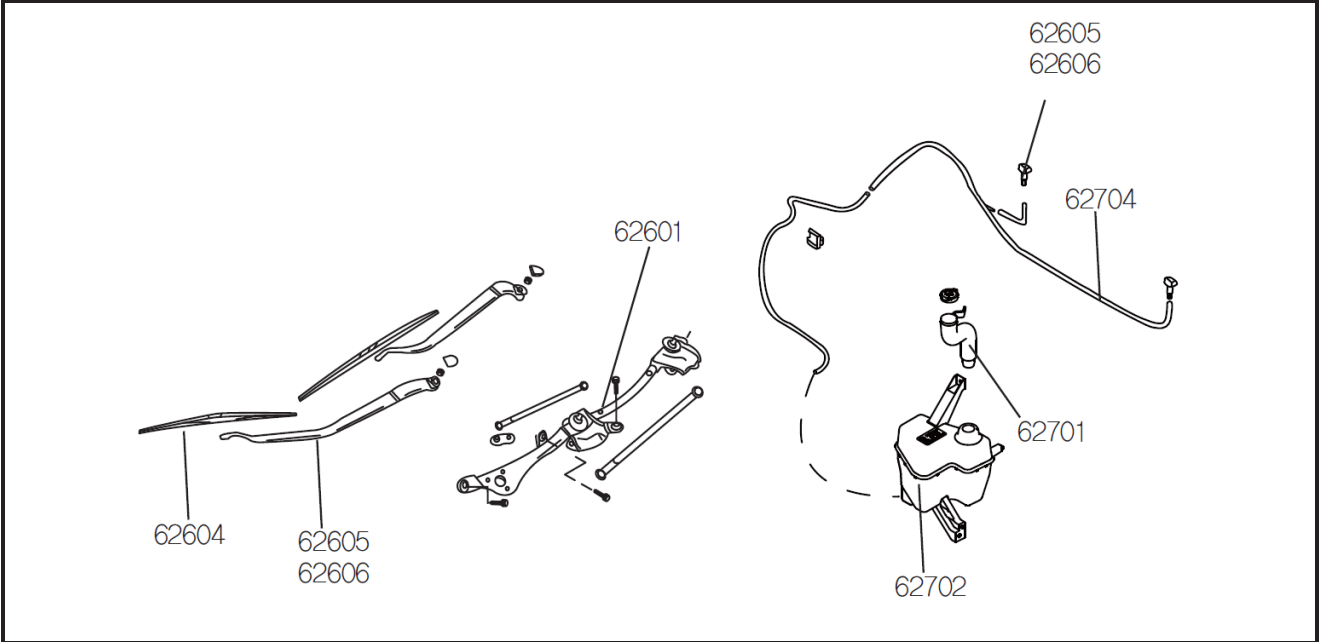
Service operation	Work hour code		Labor-hour
	Full code	Supplement	
Replacement of trunk floor carpet	656130910GQ		0.20
Replacement of trunk lid sill trim panel	656140910GQ		0.20
Replacement of trunk side protective plate on one side	656100910GQ		0.40
Replacement of trunk side protective plate on both sides	656110910GQ		0.70
Replacement of trunk front protective plate	656120910GQ		0.40
Replacement of trunk air duct on one side	657010910GQ		0.50
Replacement of trunk air duct on both sides	657020910GQ		0.80
Replacement of rear partition guard	656200910GQ		0.60
Replacement of body plugs (under seats)	518010910GQ		3.60
Replacement of spare wheel locking mechanism	550030910GQ		0.20
Carpet, sound insulation mat			
Replacement of complete front floor carpet (including removal-refitting of front and rear seats, instrument panel)	515010910GQ		3.50
Replacement of passenger compartment sound insulation mat (including removal-refitting of instrument panel and A/C housing disassembly)	524010910GQ		4.80
Replacement of engine compartment sound insulation mat (including draining-adding of coolant, recovering-adding of refrigerant)	524020910GQ		2.10
Replacement of front wall upper cover sound insulation mat	524030910GQ		0.40
Replacement of front wall upper cover	522230910GQ		1.60
Replacement of rear seat belt trim cover	656220910GQ		0.20
Replacement of child seat buckle trim cover	656230910GQ		0.20

Window			
			
Service operation	Work hour code		Labor-hour
	Full code	Supplement	
Removal-refitting of front windshield (including replacement of front windshield trim strip)	520010210GQ		2.40
Replacement of front windshield (including replacement of front windshield trim strip, clearing of damaged glass)	520010910GQ		2.60
Sealing of front windshield (including replacement of front windshield trim strip)	520011710GQ		2.60
Clearing of damaged front door windshield glass Clearing before replacement of front windshield with its glass damaged	520011311GQ		0.30
Replacement of front windshield trim strip	520020910GQ		2.60
Replacement of front windshield lower trim panel	520030910GQ		0.30
Replacement of front windshield trim panel on left side	520070910GQ		0.20
Replacement of front windshield trim panel on right side	520080910GQ		0.20
Removal-refitting of rear windshield assembly	552010210GQ		2.40
Replacement of rear windshield assembly	552010910GQ		2.60
Replacement of rear windshield assembly seal	552011710GQ		2.60
Clearing of damaged rear windshield glass Clearing before replacement of rear windshield with its glass damaged	552011311GQ		0.30
Replacement of front door window on one side (including clearing of damaged glass)	574010910GQ		1.20
Clearing of damaged front door glass Clearing before replacement of one front door window with its glass damaged	574011311GQ		0.30
Replacement of rear door window on one side (including clearing of damaged glass)	584010910GQ		1.20
Clearing of damaged rear door glass Clearing before replacement of one rear door window with its glass damaged	584011311GQ		0.30
Replacement of rear quarter window on one side (including clearing of damaged glass)	542010910GQ		1.20
Clearing of damaged rear door glass Clearing before replacement of rear quarter window with its glass damaged	542011311GQ		0.30
Sealing of rear quarter window on one side	542011710GQ		1.20



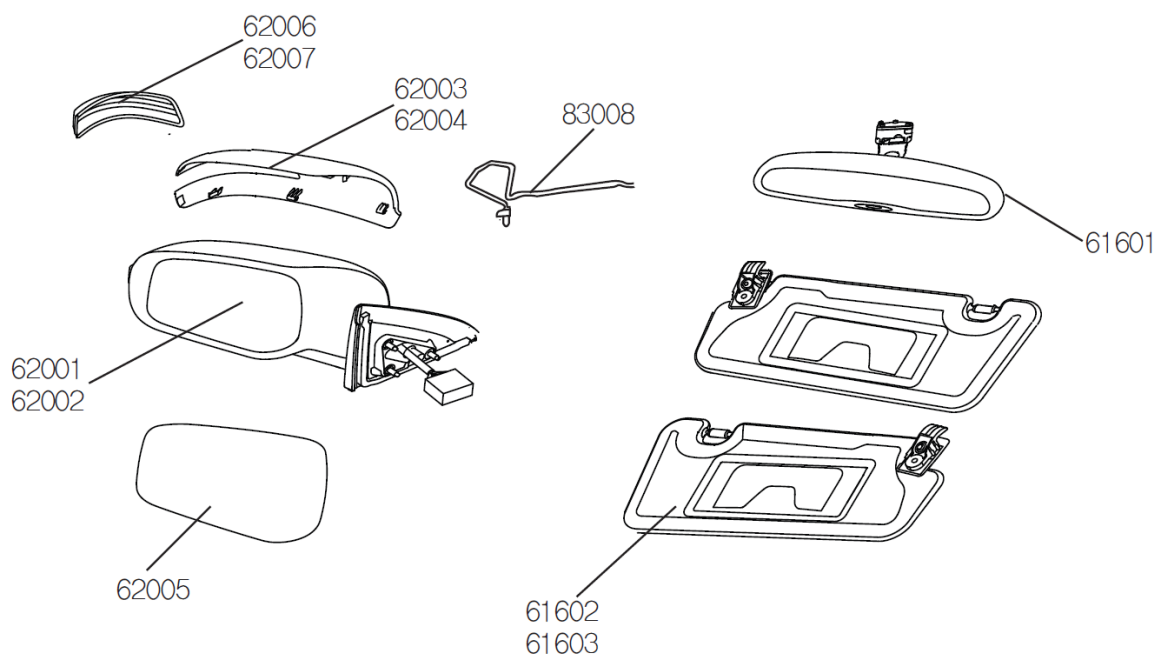
Service operation	Work hour code		Labor-hour
	Full code	Supplement	
Removal-refitting of sunroof assembly	568010210GQ		2.40
Replacement of sunroof assembly	568010910GQ		2.80
Replacement of sunroof motor	568020910GQ		1.00
Replacement of sunroof (including sealing strip)	568030910GQ		1.00
Clearing of damaged sunroof glass	568031311GQ		0.30
Replacement of sunroof sealing strip	568040910GQ		1.00
Replacement of sunroof mounting bracket (slide rail) assembly	568050910GQ		2.60
Replacement of sunroof front drain pipe	568060910GQ		2.10
Replacement of sunroof rear drain pipe	568070910GQ		2.10
Replacement of sunroof front & rear drain pipes	568080910GQ		2.40
Replacement of sunroof visor assembly	568100910GQ		2.20

Wiper

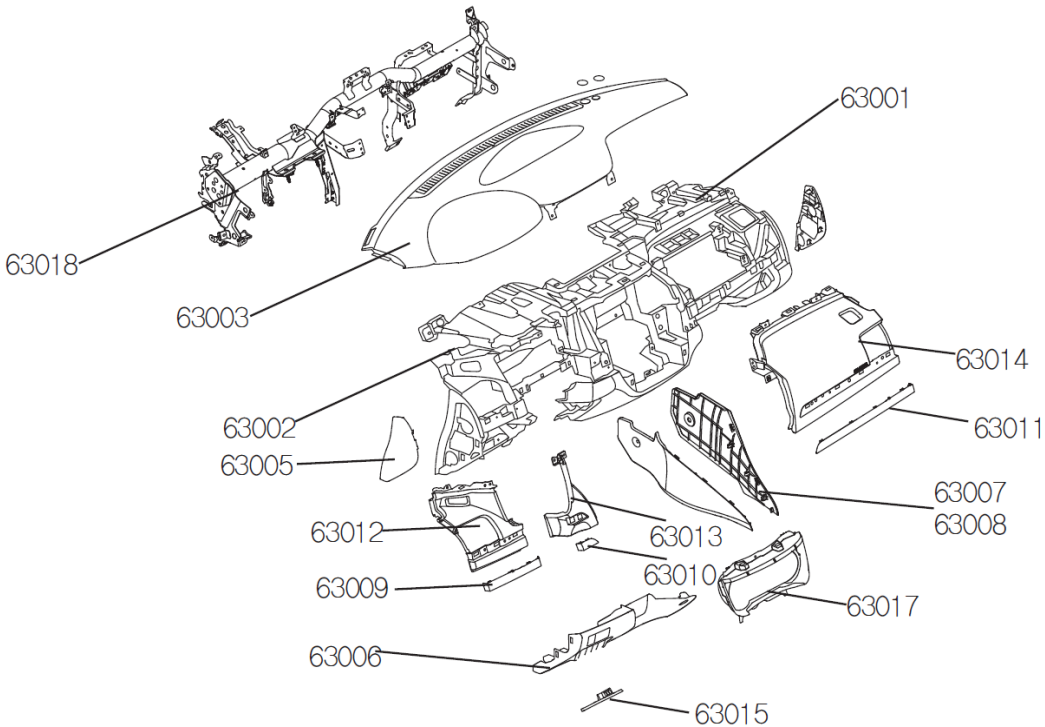


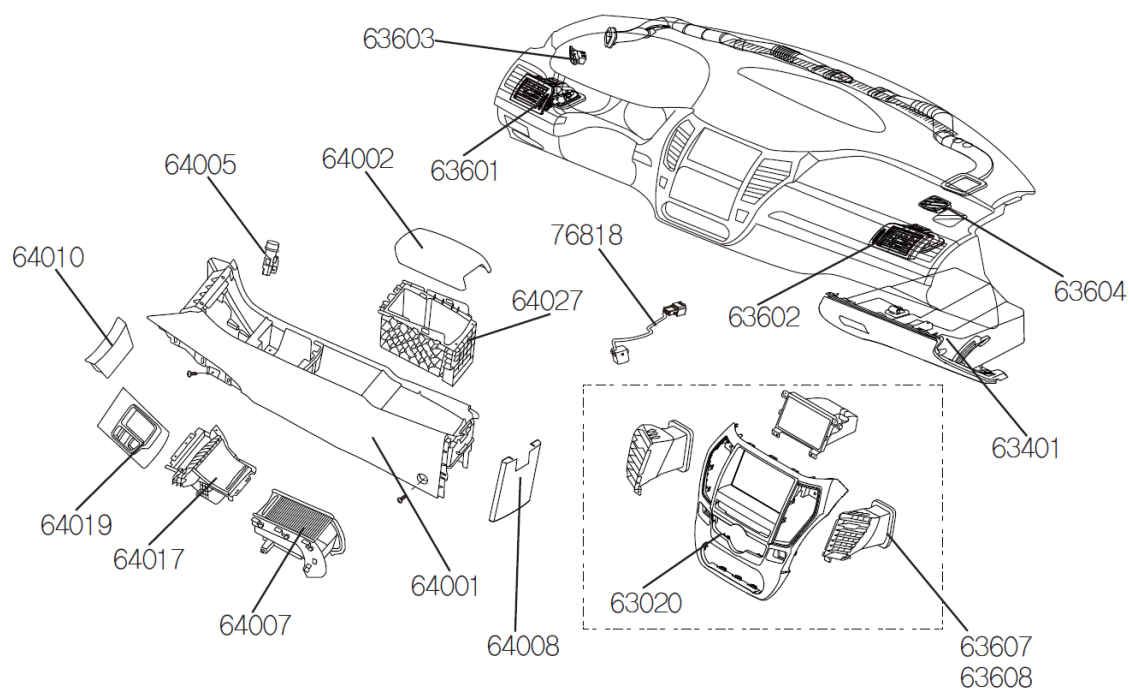
Service operation	Work hour code		Labor-hour
	Full code	Supplement	
Replacement of front wiper linkage	626010910GQ		0.80
Replacement of front wiper blades on both sides	626040910GQ		0.20
Replacement of front wiper arm on one side	626050910GQ		0.30
Replacement of front wiper arm on both sides	626060910GQ		0.30
Replacement of rear wiper linkage assembly	628010910GQ		0.70
Replacement of windshield washer fluid reservoir filler	627010910GQ		0.20
Replacement of windshield washer fluid reservoir	627020910GQ		0.80
Replacement of front windshield washer motor	627030910GQ		0.70
Replacement of washer nozzle and pipeline	627040910GQ		0.80
Replacement of one front windshield washer nozzle	627050910GQ		0.20
Replacement of two front windshield washer nozzles	627060910GQ		0.30

Rearview mirror



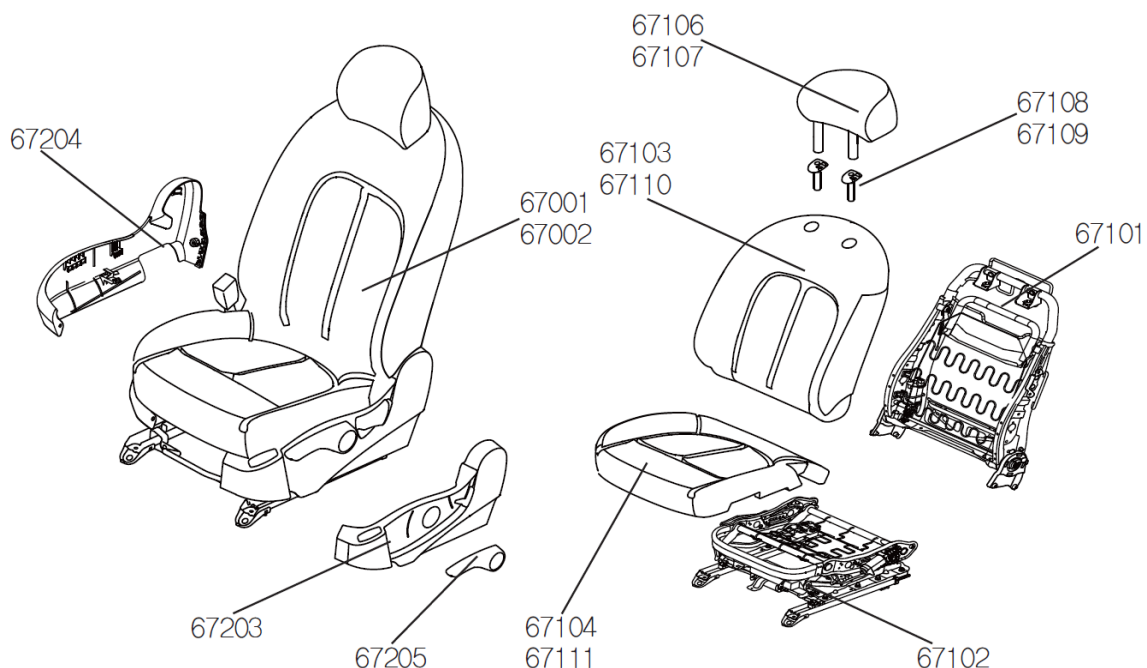
Service operation	Work hour code		Labor-hour
	Full code	Supplement	
Replacement of exterior rearview mirror assembly on one side	620010910GQ		0.60
Replacement of exterior rearview mirror assembly on both sides	620020910GQ		1.10
Replacement of rearview mirror trim cover on one side	620030910GQ		0.40
Replacement of rearview mirror trim cover on both sides	620040910GQ		0.70
Replacement of exterior rearview mirror lens	620050910GQ		0.20
Replacement of rearview mirror turn signal lamp components on one side	620060910GQ		0.50
Replacement of rearview mirror turn signal lamp components on both sides	620070910GQ		0.90
Replacement of interior rearview mirror	616010910GQ		0.20
Replacement of outdoor temperature sensor components (on exterior rearview mirror)	830080910GQ		0.80
Replacement of sun visor on one side	616020910GQ		0.30
Replacement of sun visor on both sides	616030910GQ		0.40

Instrument Panel			
			
Service operation	Work hour code		Labor-hour
	Full code	Supplement	
Removal-refitting of instrument panel assembly	630010210GQ		2.60
Replacement of instrument panel lower body	630020910GQ		2.60
Replacement of instrument panel upper cover	630030910GQ		0.40
Replacement of instrument panel side end plates on both sides	630050910GQ		0.20
Replacement of instrument panel left lower trim panel.	630060910GQ		0.30
Replacement of instrument panel lower A/C protective plate on one side	630070910GQ		0.30
Replacement of instrument panel lower A/C protective plate on both sides	630080910GQ		0.30
Replacement of instrument panel left molding assembly	630090910GQ		0.30
Replacement of instrument panel middle molding	630100910GQ		0.20
Replacement of instrument panel right molding	630110910GQ		0.30
Replacement of instrument panel left protective plate	630120910GQ		0.50
Replacement of instrument panel middle protective plate	630130910GQ		0.40
Replacement of instrument panel right protective plate	630140910GQ		0.60
Replacement of fuse box cover plate	630150910GQ		0.20
Replacement of instrument cluster trim cover	630170910GQ		0.30
Replacement of instrument panel cross beam (including removal-refitting of instrument panel)	630180910GQ		3.20

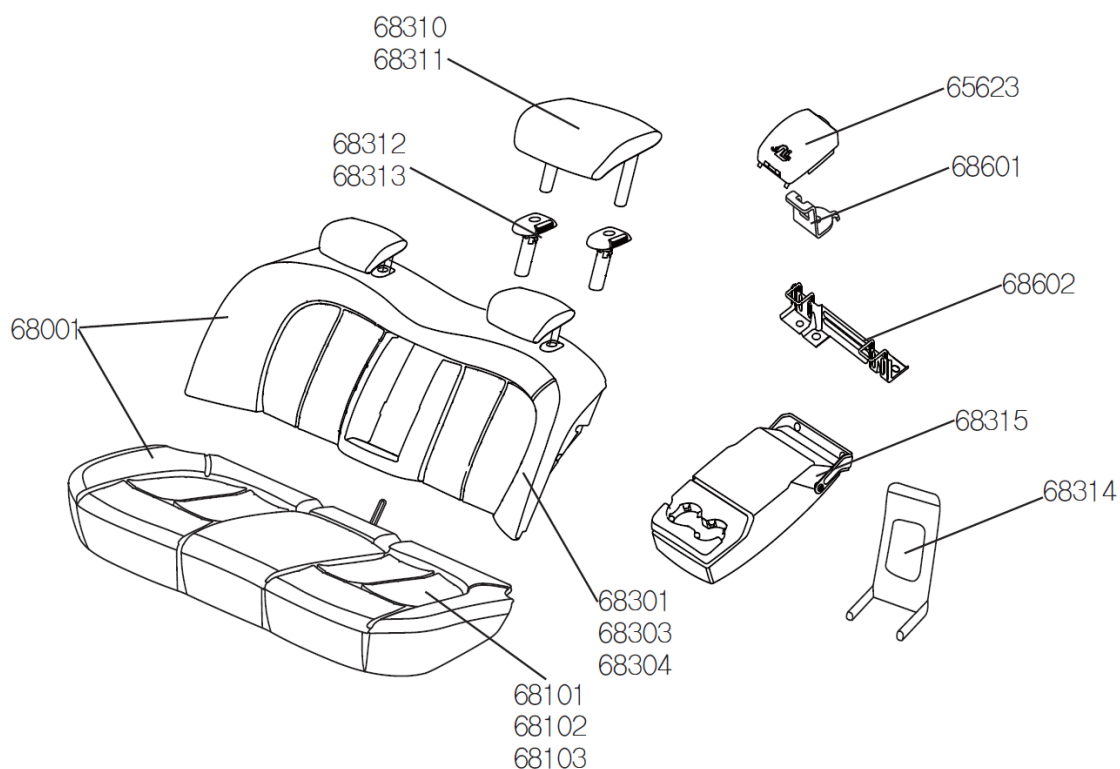


Service operation	Work hour code		Labor-hour
	Full code	Supplement	
Replacement of central panel frame	630200910GQ		0.40
Replacement of glove box assembly	634010910GQ		0.40
Replacement of instrument panel air outlet on left side	636010910GQ		0.30
Replacement of instrument panel air outlet on right side	636020910GQ		0.30
Replacement of one central air outlet	636070910GQ		0.50
Replacement of two central air outlets	636080910GQ		0.50
Replacement of side defroster air outlet on left side	636030910GQ		0.30
Replacement of side defroster air outlet on right side	636040910GQ		0.30
Removal-refitting of console	640010210GQ		0.50
Replacement of console	640010910GQ		0.50
Replacement of armrest assembly	640020910GQ		0.30
Replacement of 12V power outlet	640050910GQ		0.50
Replacement of console rear trim panel	640080910GQ		0.30
Replacement of console front trim panel	640100910GQ		0.40
Replacement of front storage box	640170910GQ		0.40
Replacement of rear storage box	640270910GQ		0.50
Replacement of cup holder assembly	640070910GQ		0.50
Replacement of transmission housing (independently-developed motor)	640190910GQ		0.40
Replacement of microphone	768180910GQ		0.60

Front seat

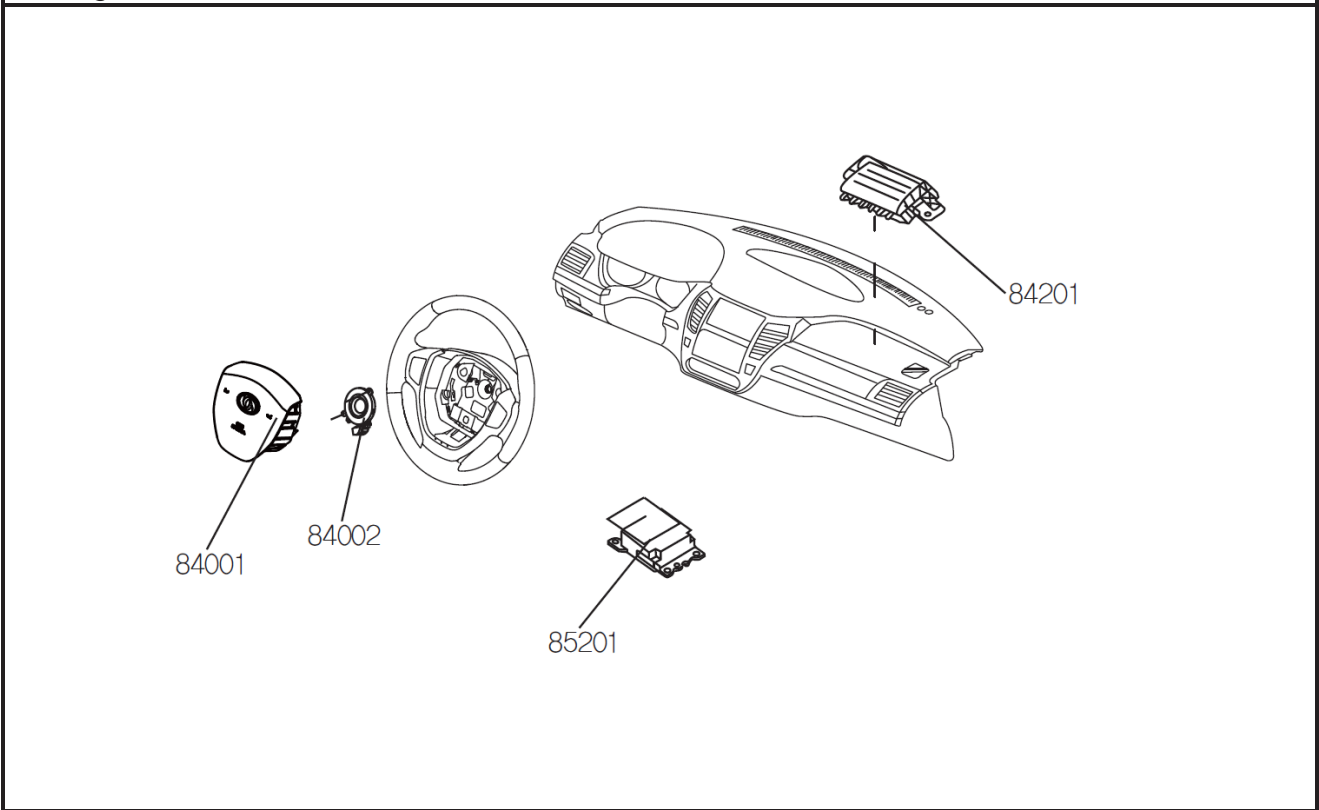


Service operation	Work hour code		Labor-hour
	Full code	Supplement	
Replacement of front seat on one side	670010910GQ		0.40
Replacement of front seat on both sides	670020910GQ		0.60
Front seat-replacement of cushion frame on one side	671010910GQ		1.20
Front seat-replacement of cushion frame on both sides	671010911GQ		2.20
Front seat-replacement of back frame on one side	671020910GQ		1.20
Front seat-replacement of back frame on both sides	671020911GQ		2.20
Front seat-replacement of cushion skin on one side	671030910GQ		0.80
Front seat-replacement of back skin on one side	671040910GQ		0.80
Front seat-replacement of cushion and skin on one side	671050910GQ		1.40
Front seat-replacement of head restraint on one side	671060910GQ		0.30
Front seat-replacement of head restraint on both sides	671070910GQ		0.30
Front seat-replacement of head restraint lock guide sleeve on one side	671080910GQ		0.40
Front seat-replacement of head restraint guide sleeve on one side	671090910GQ		0.40
Front seat-replacement of cushion foam	671100910GQ		1.00
Front seat-replacement of back foam	671110910GQ		1.00
Replacement of front seat slide trim cover on one side	672020910GQ		0.20
Replacement of front seat side outer protective plate	672030910GQ		0.30
Replacement of front seat side inner protective plate	672040910GQ		0.40
Replacement of recliner handle	672050910GQ		0.30

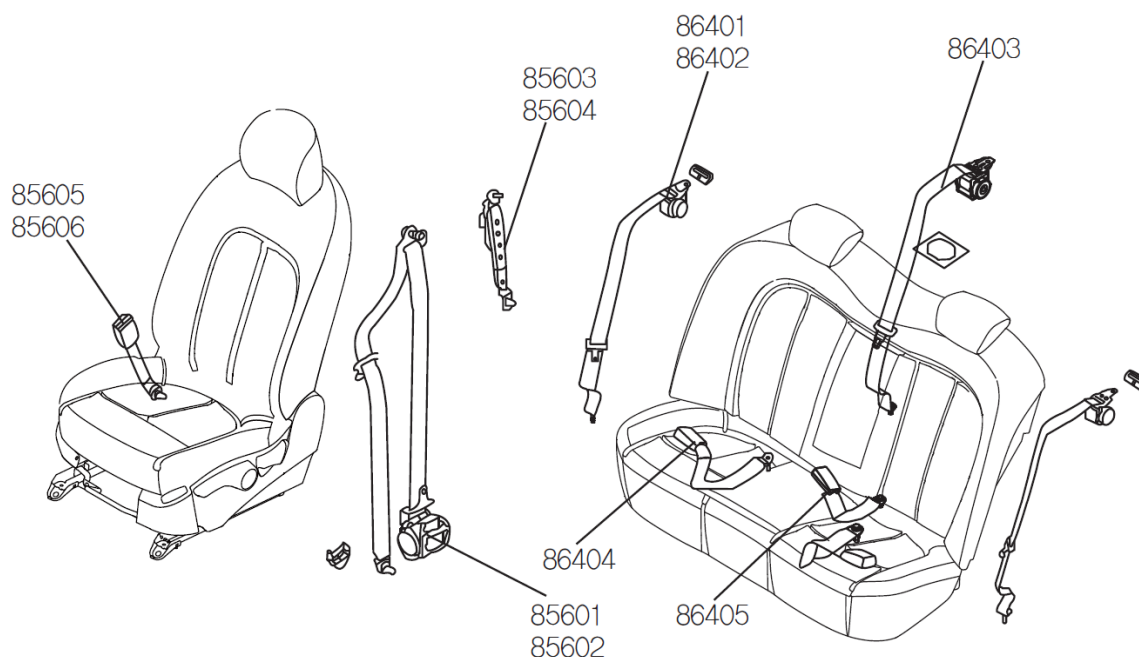


Service operation	Work hour code		Labor-hour
	Full code	Supplement	
Removal-refitting of rear seat (including seat cushion and seat back)	680010210GQ		0.40
Removal-refitting of rear seat cushion	681010210GQ		0.30
Replacement of rear seat cushion	681010910GQ		0.30
Replacement of rear seat cushion skin	681020910GQ		0.60
Replacement of rear seat cushion foam	681030910GQ		0.60
Replacement of rear seat back	683010910GQ		0.50
Replacement of rear seat back skin	683030910GQ		0.70
Replacement of rear seat back foam	683040910GQ		0.70
Replacement of one rear seat head restraint	683100910GQ		0.30
Replacement of two rear seat head restraints	683110910GQ		0.30
Replacement of rear seat head restraint lock guide sleeve on one side	683120910GQ		0.40
Replacement of rear seat head restraint guide sleeve on one side (including head restraint lock guide sleeve)	683130910GQ		0.40
Replacement of rear seat back access door plate	683140910GQ		0.50
Replacement of rear seat back & armrest assembly	683150910GQ		0.50
Replacement of child seat upper mounting bracket	686010910GQ		0.60
Replacement of child seat lower mounting bracket	686020910GQ		0.50
Replacement of child seat buckle trim cover	656230910GQ		0.20

Airbag

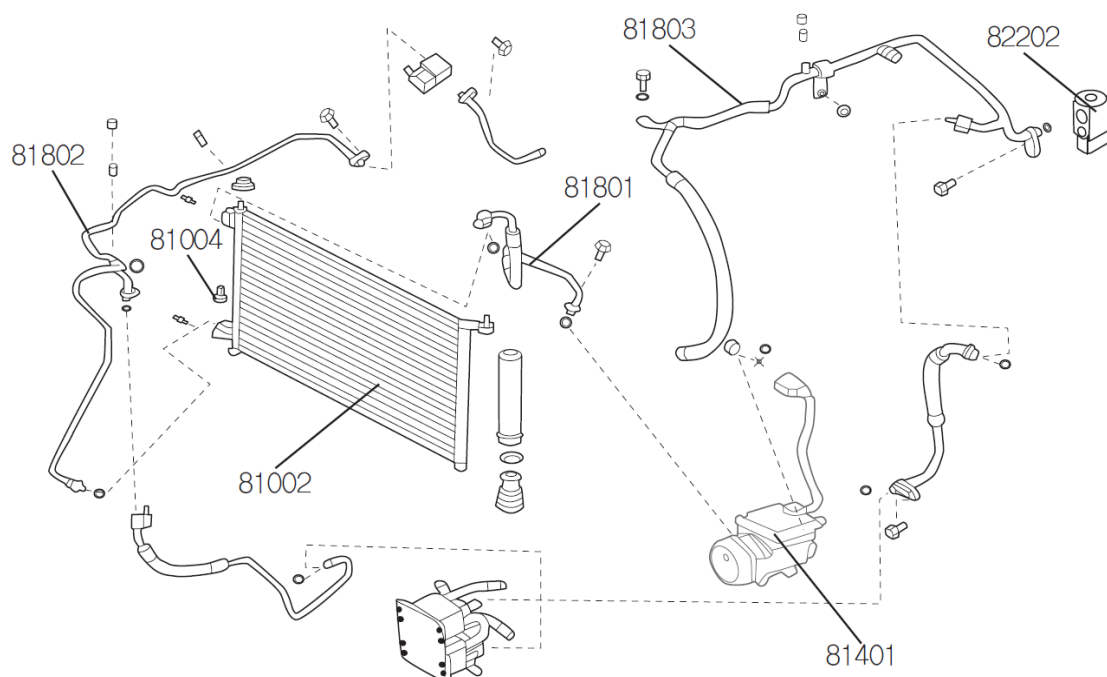


Service operation	Work hour code		Labor-hour
	Full code	Supplement	
Replacement of driver's airbag	840010910GQ		0.60
Replacement of rotary switch (combination switch bracket)	840020910GQ		0.70
Replacement of front passenger's airbag	842010910GQ		1.00
Replacement of ACU	852010910GQ		1.00



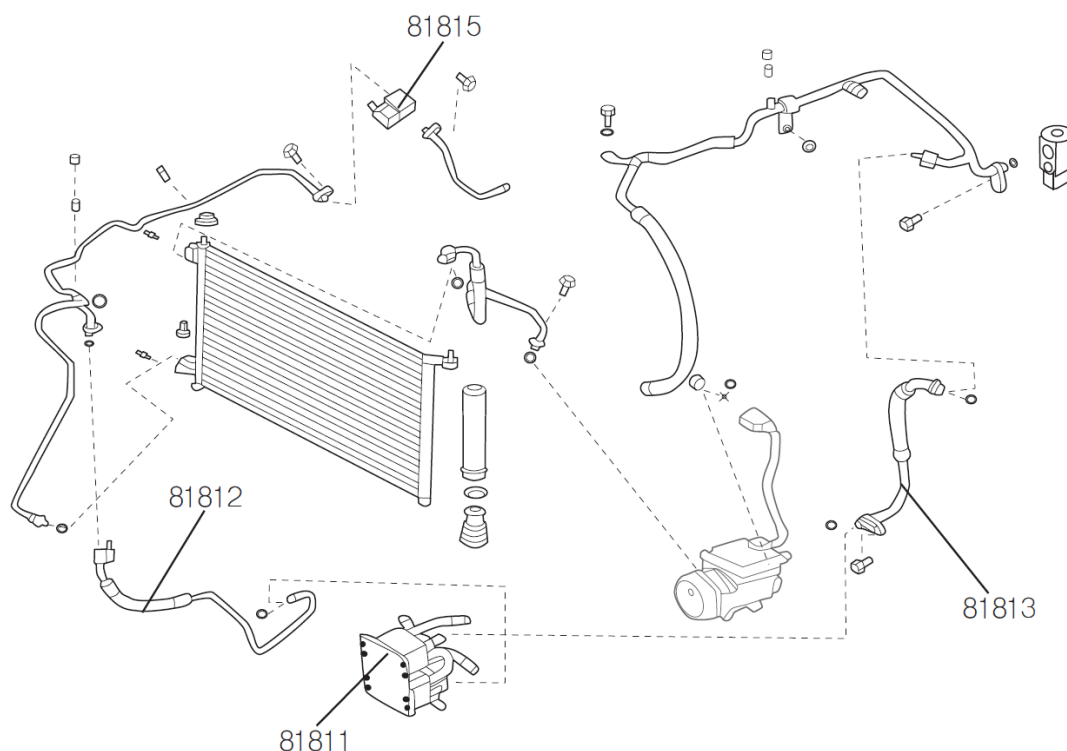
Service operation	Work hour code		Labor-hour
	Full code	Supplement	
Replacement of front seat belt retractor assembly on one side	856010910GQ		0.50
Replacement of front seat belt retractor assembly on both sides	856020910GQ		1.00
Replacement of front seat belt height adjuster on one side	856030910GQ		0.40
Replacement of front seat belt height adjuster on both sides	856040910GQ		0.80
Replacement of front seat belt pretensioner buckle assembly on one side	856050910GQ		0.60
Replacement of front seat belt pretensioner buckle assembly on both sides	856060910GQ		1.20
Replacement of rear seat belt on one side	864010910GQ		0.60
Replacement of rear seat belt on both sides	864020910GQ		1.00
Replacement of rear middle seat belt	864030910GQ		0.80
Replacement of rear seat belt buckle assembly	864040910GQ		0.40
Replacement of rear middle seat belt buckle assembly	864050910GQ		0.40

A/C-compressor, pipeline



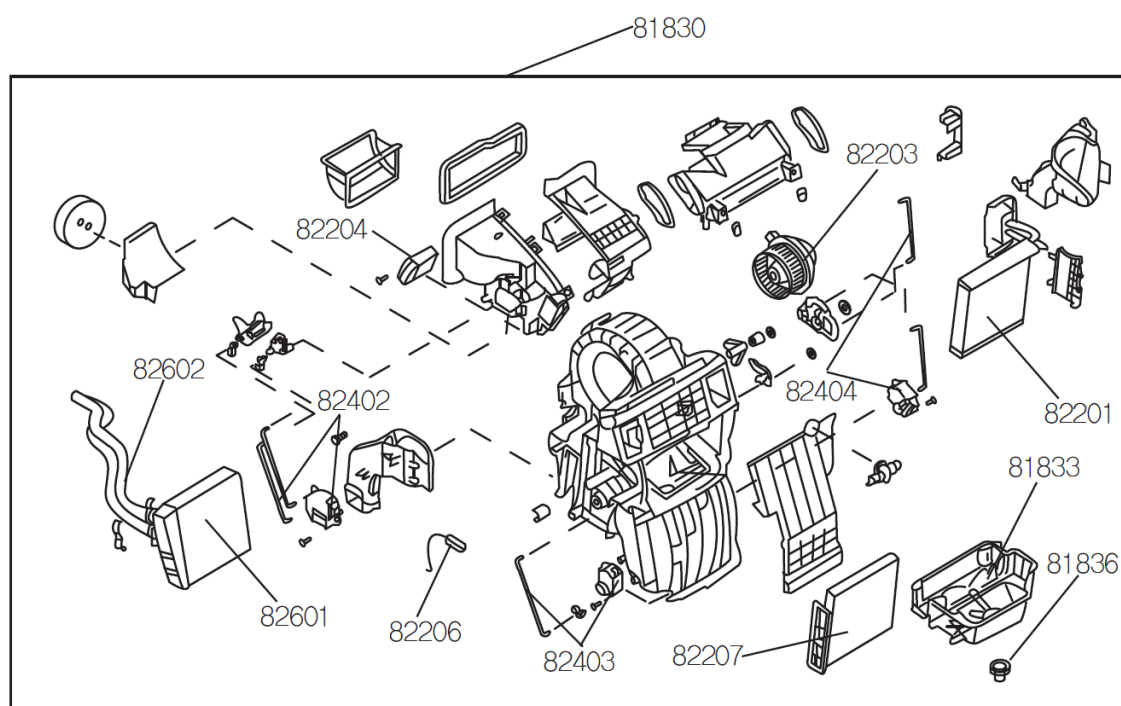
Service operation	Work hour code		Labor-hour
	Full code	Supplement	
Removal-refitting of condenser & dryer assembly (including recovering-draining-adding of refrigerant)	810020210GQ		1.60
Replacement of condenser & dryer assembly (including recovering-draining-adding of refrigerant)	810020910GQ		1.60
Replacement of A/C pressure switch	810040910GQ		0.50
Replacement of compressor (including recovering-draining-adding of refrigerant)	814010910GQ		1.50
Replacement of A/C pipeline components (all parts) Including replacement of compressor, replacement of evaporator, recovering-draining-adding of refrigerant due to damage to the compressor and internal wear affecting the pipeline	818000910GQ		7.10
Replacement of A/C high-pressure pipe Replacement of compressor to condenser pipeline (including recovering-draining-adding of refrigerant)	818010910GQ		1.00
Replacement of A/C high-pressure pipe Replacement of condenser to expansion valve assembly (including recovering-draining-adding of refrigerant)	818020910GQ		1.60
Replacement of A/C low-pressure pipe Replacement of expansion valve to compressor pipeline (including recovering-draining-adding of refrigerant)	818030910GQ		1.40
Removal-refitting of A/C pipelines (all) All pipelines in engine compartment (including recovering-draining-adding of refrigerant)	818040210GQ		2.00
Replacement of one A/C pipeline seal ring Including recovering-draining-adding of refrigerant	818050910GQ		0.70
Replacement of expansion valve (including recovering-draining-adding of refrigerant)	822020910GQ		1.20
Inspection of refrigerant leak	818090610GQ		0.50
Recovery of refrigerant-draining-adding	818092710GQ		0.50

A/C-compressor, pipeline

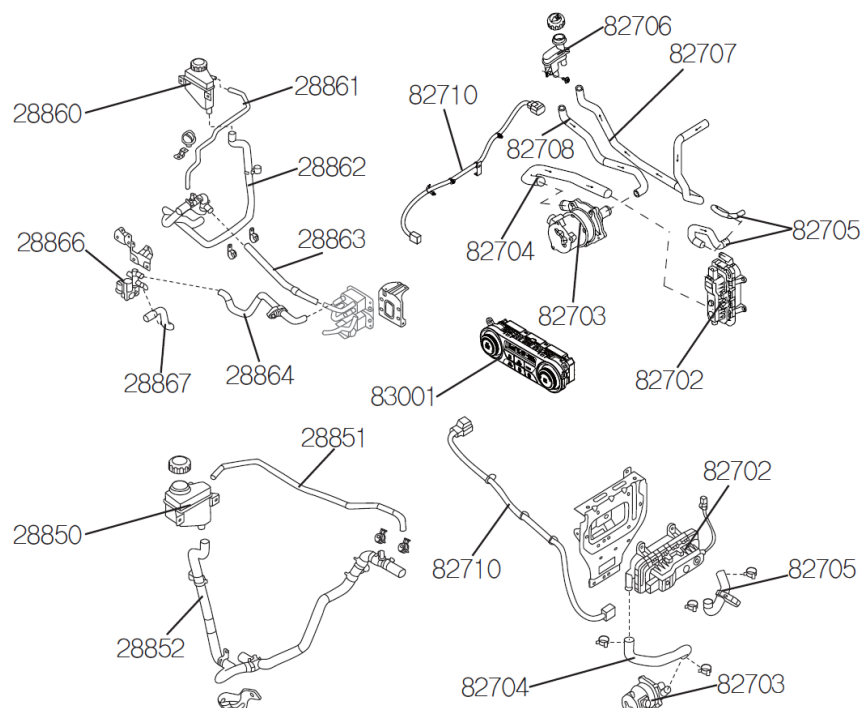


Service operation	Work hour code		Labor-hour
	Full code	Supplement	
Replacement of plate heat exchanger Including draining-adding of battery coolant and recovering-draining-adding of coolant	818110910GQ		1.50
Replacement of plate heat exchanger high-pressure pipe Replacement of A/C pipe assembly high-pressure end to heat exchanger expansion valve pipeline (including recovering-draining-adding of refrigerant)	818120910GQ		1.00
Replacement of plate heat exchanger low-pressure pipe Replacement of A/C pipe assembly low-pressure end to heat exchanger expansion valve pipeline (including recovering-draining-adding of refrigerant)	818130910GQ		1.20
Replacement of heat exchanger expansion valve (including recovering-draining-adding of refrigerant)	818140910GQ		1.00
Replacement of A/C solenoid valve On A/C pipe assembly (including recovering-draining-adding of refrigerant)	818150910GQ		1.00
Replacement of A/C solenoid valve On heat exchanger expansion valve (including recovering-draining-adding of refrigerant)	818160910GQ		1.00
Inspection of refrigerant leak	818090610GQ		0.50
Recovery of refrigerant-draining-adding	818092710GQ		0.50

A/C-housing

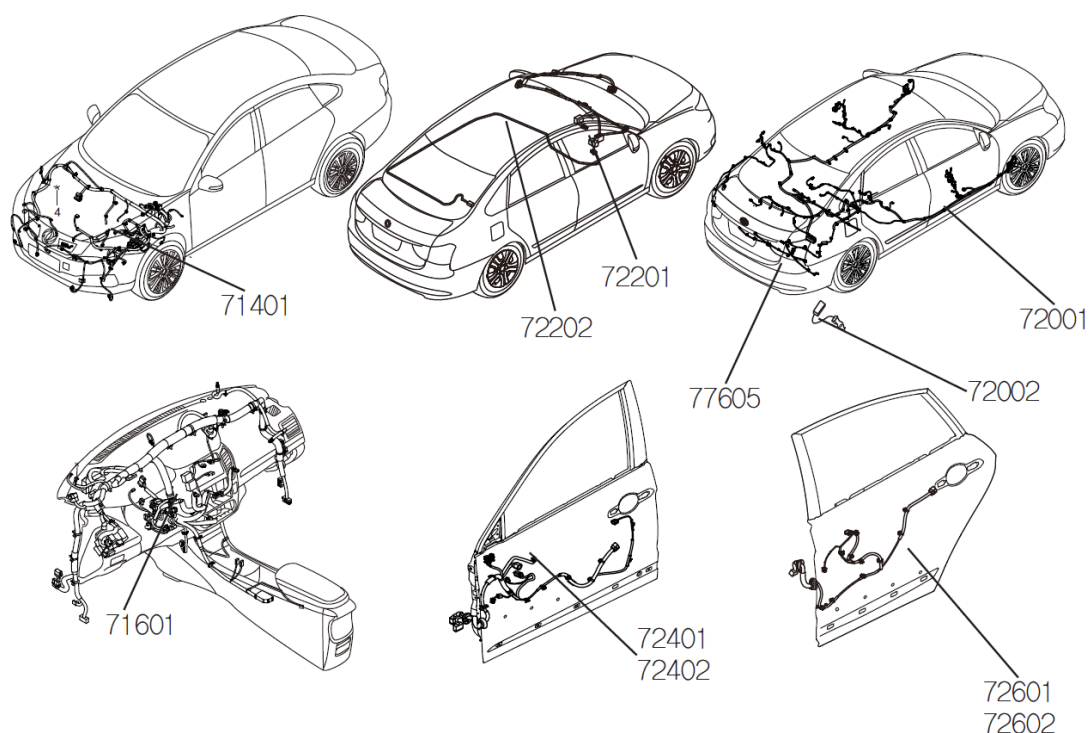


Service operation	Work hour code		Labor-hour
	Full code	Supplement	
Removal-refitting of A/C housing assembly (including recovering-draining-adding of refrigerant)	818300210GQ		4.20
Replacement of A/C housing assembly (including recovering-draining-adding of refrigerant)	818300910GQ		4.50
Replacement of A/C left upper housing (including recovering-draining-adding of refrigerant)	818310910GQ		4.50
Replacement of A/C right upper housing (including recovering-draining-adding of refrigerant)	818320910GQ		4.50
Replacement of A/C lower housing (including recovering-draining-adding of refrigerant)	818330910GQ		4.50
Replacement of A/C water drain hose (including recovering-draining-adding of refrigerant)	818360910GQ		4.30
Replacement of evaporator core assembly (including recovering-draining-adding of refrigerant, draining-adding of coolant)	822010910GQ		4.50
Replacement of heater core (including recovering-draining-adding of refrigerant, draining-adding of coolant)	826010910GQ		3.00
Replacement of blower assembly	822030910GQ		1.00
Replacement of blower motor speed control module	822040910GQ		1.00
Replacement of evaporator temperature sensor	822060910GQ		4.50
Replacement of A/C air cleaner	822070910GQ		0.40
Replacement of internal air circulation motor/components	824020910GQ		1.00
Replacement of temperature servo motor/components	824030910GQ		1.00
Replacement of mode servo motor/components	824040910GQ		1.00
Replacement of one servo motor	824050910GQ		0.80
Replacement of electric A/C control unit	830010910GQ		0.80
Replacement of solar sensor	830040910GQ		0.60
Replacement of indoor temperature sensor	830050910GQ		0.60
Replacement of A/C ECU	830300910GQ		1.00

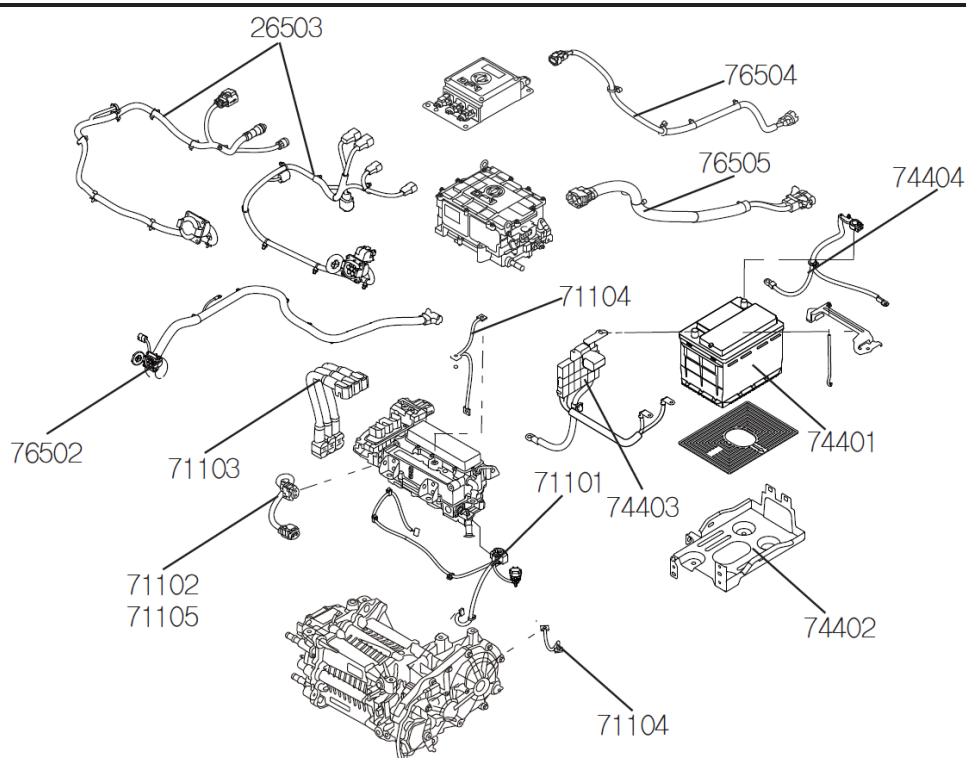


Service operation	Work hour code		Labor-hour
	Full code	Supplement	
Including draining-adding of PTC coolant			
Replacement of PTC heater	827020910GQ		1.00
Replacement of PTC heater (independently-developed motor, with thermal management)	827020911GQ		1.00
Replacement of PTC water pump	827030910GQ		0.90
Replacement of PTC water pump (independently-developed motor, with thermal management)	827030911GQ		0.90
Replacement of PTC heater water inlet pipe	827040910GQ		0.80
Replacement of PTC heater water inlet pipe (independently-developed motor, with thermal management)	827040911GQ		0.70
Replacement of PTC heater water outlet pipe	827050910GQ		0.80
Replacement of PTC heater water outlet pipe (independently-developed motor, with thermal management)	827050911GQ		0.70
Replacement of PTC coolant degassing chamber (Continental AG motor)	827060910GQ		0.40
Replacement of PTC coolant degassing chamber water inlet pipe (Continental AG motor)	827070910GQ		0.80
Replacement of PTC coolant degassing chamber water outlet pipe (Continental AG motor)	827080910GQ		0.80
Replacement of expansion tank (independently-developed motor, PTC degassing tank)	288500910GQ		0.40
Replacement of expansion tank (independently-developed motor, with thermal management, PTC degassing tank)	288600910GQ		0.40
Replacement of expansion tank water inlet pipe (independently-developed motor, PTC degassing tank)	288510910GQ		0.30
Replacement of expansion tank water inlet pipe (independently-developed motor, with thermal management, PTC degassing tank)	288610910GQ		0.30
Replacement of expansion tank water outlet pipe (independently-developed motor, PTC degassing tank)	288520910GQ		0.60
Replacement of expansion tank water outlet pipe (independently-developed motor, with thermal management, PTC degassing tank)	288620910GQ		0.60
Replacement of plate heat exchanger water inlet pipe (independently-developed motor, with thermal management)	288630910GQ		0.60
Replacement of plate heat exchanger water outlet pipe (independently-developed motor, with thermal management)	288640910GQ		0.60
Replacement of PTC water temperature sensor (independently-developed motor, with thermal management)	288650910GQ		0.40
Replacement of tee solenoid valve (independently-developed motor, with thermal management)	288660910GQ		0.70
Replacement of heater water inlet pipe (independently-developed motor, with thermal management)	288670910GQ		0.60
Replacement of PTC connecting cable	827100910GQ		0.80
Replacement of electric A/C control unit	830010910GQ		0.80
Draining-adding of PTC coolant	827092710GQ		0.30

Wire harness

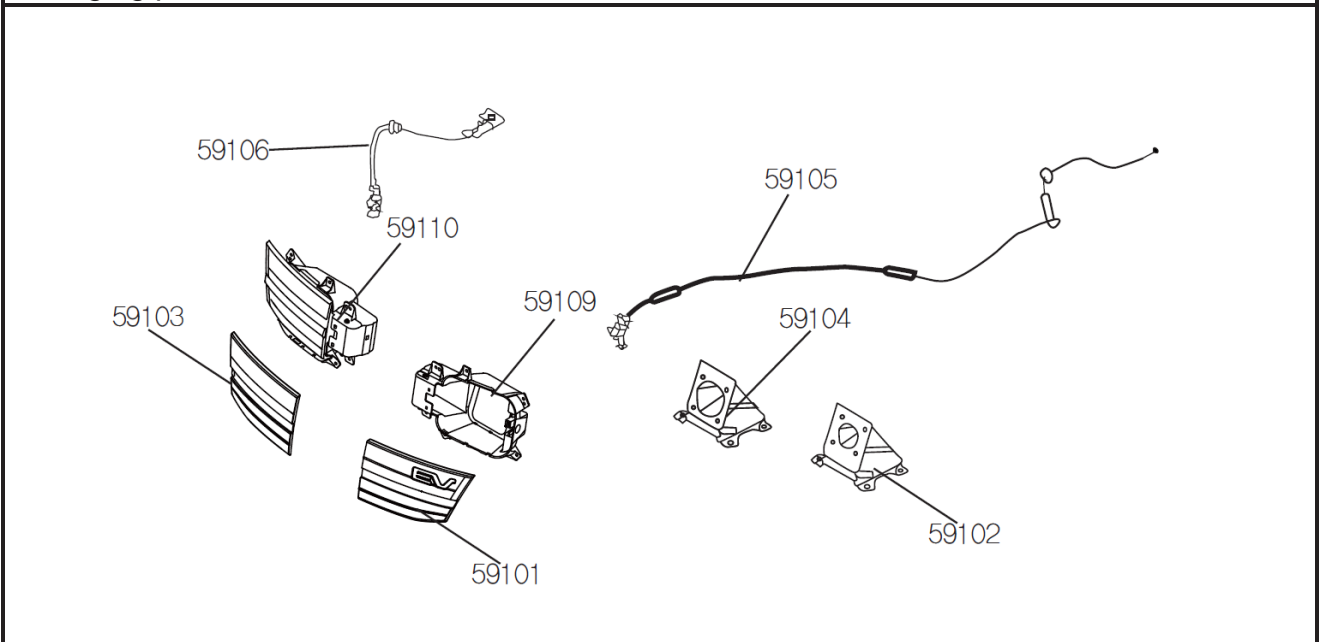


Service operation	Work hour code		Labor-hour
	Full code	Supplement	
Replacement of front wire harness	714010910GQ		7.50
Inspection of front wire harness	714012110GQ		3.00
Replacement of instrument panel wire harness	716010910GQ		4.20
Inspection of instrument panel wire harness	716012110GQ		2.00
Inspection of passenger compartment wire harness (no need to distinguish left and right)	720010910GQ		6.20
Replacement of passenger compartment wire harness (LH)	720030910GQ		5.70
Replacement of passenger compartment wire harness (RH)	720040910GQ		5.70
Replacement of ceiling wire harness	722010910GQ		2.00
Replacement of rear ceiling lamp wire harness	722020910GQ		2.00
Replacement of front door wire harness on one side	724010910GQ		0.90
Replacement of front door wire harness on both sides	724020910GQ		1.50
Replacement of rear door wire harness on one side	726010910GQ		0.90
Replacement of rear door wire harness on both sides	726020910GQ		1.50
Replacement of ground coil	720020910GQ		0.50

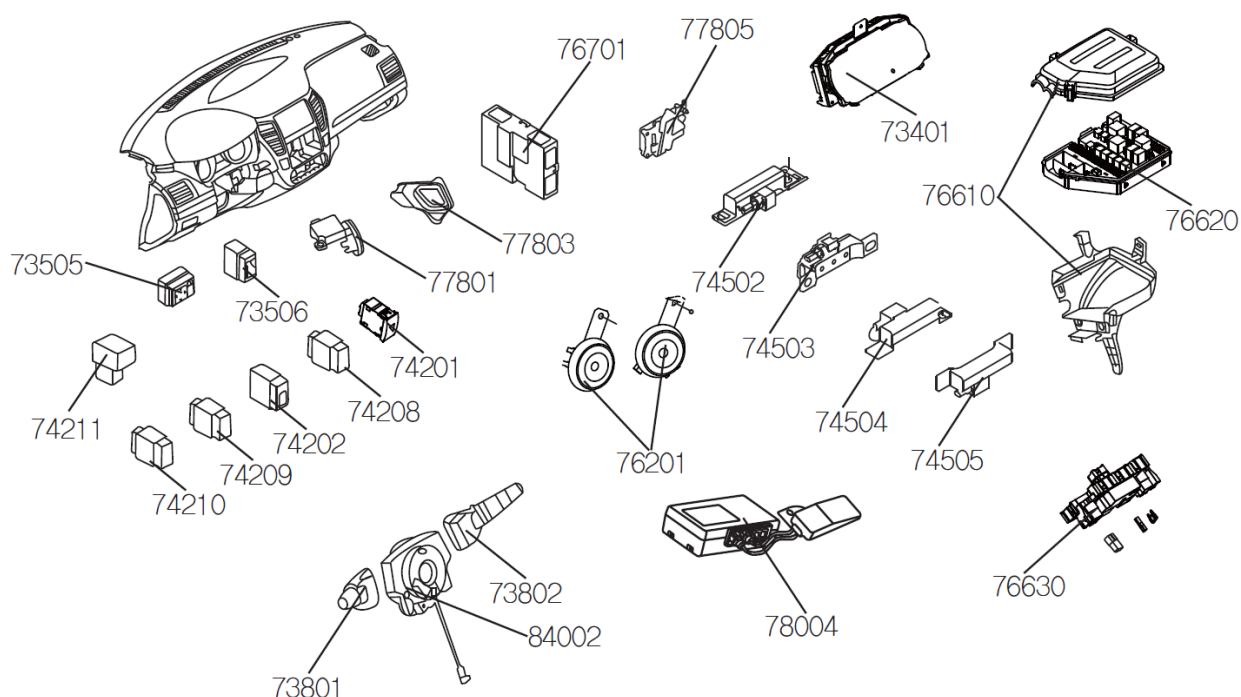


Service operation	Work hour code		Labor-hour
	Full code	Supplement	
Replacement of motor wire harness (Continental AG motor)	711010910CQ		1.70
Inspection of motor wire harness (Continental AG motor)	711012110CQ		1.00
Replacement of three-phase output cable (Continental AG motor)	711020910CQ		0.60
Replacement of motor excitation cable (Continental AG motor)	711030910CQ		0.50
Replacement of ground braided cable (Continental AG motor)	711040910CQ		0.40
Replacement of MCU wire harness (independently-developed motor)	711050910AQ		0.50
Replacement of high voltage distribution box quick charge input cable (Continental AG motor)	765020910CQ		1.20
Replacement of high voltage distribution box quick charge input cable (independently-developed motor)	765020910AQ		1.20
Replacement of high voltage relay box positive cable (Continental AG motor)	765040910CQ		1.20
Replacement of high voltage relay box positive cable (independently-developed motor)	765040910AQ		1.20
Replacement of MCU DC input cable (Continental AG motor)	765050910CQ		1.20
Replacement of MCU DC input cable (independently-developed motor)	765050910AQ		1.20
Replacement of slow charge input cable (Continental AG motor)	265030910CQ		1.20
Replacement of slow charge input cable (independently-developed motor)	265030910AQ		1.20
Replacement of battery	744010910GQ		0.40
Charging of battery (including removal-refitting)	744014310GQ		1.00
Replacement of battery bracket	744020910GQ		0.50
Replacement of battery positive cable	744030910GQ		0.40
Replacement of battery negative cable	744040910GQ		0.50

Charging port cover

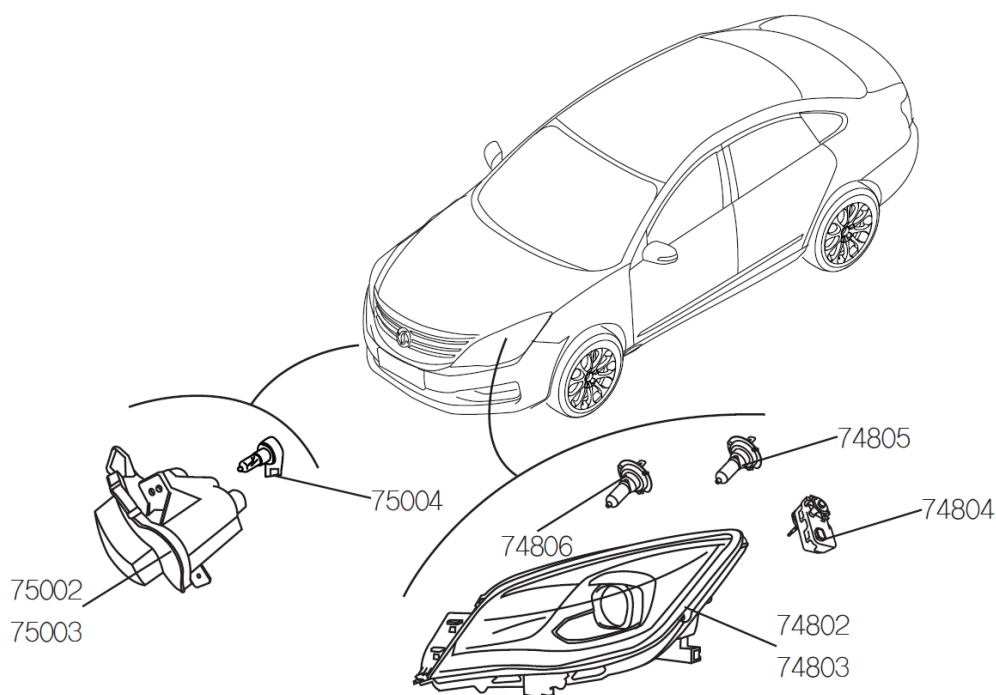


Service operation	Work hour code		Labor-hour
	Full code	Supplement	
Replacement of left charging port cover	591010910GQ		0.40
Replacement of left charging port cover bracket	591020910GQ		1.00
Replacement of right charging port cover	591030910GQ		0.40
Replacement of right charging port cover bracket	591040910GQ		1.00
Replacement of slow charging port cover cable assembly	591050910GQ		0.80
Replacement of quick charging port cover cable assembly	591060910GQ		0.80
Replacement of slow charging port cover assembly	591090910GQ		1.00
Replacement of quick charging port cover assembly	591100910GQ		1.00



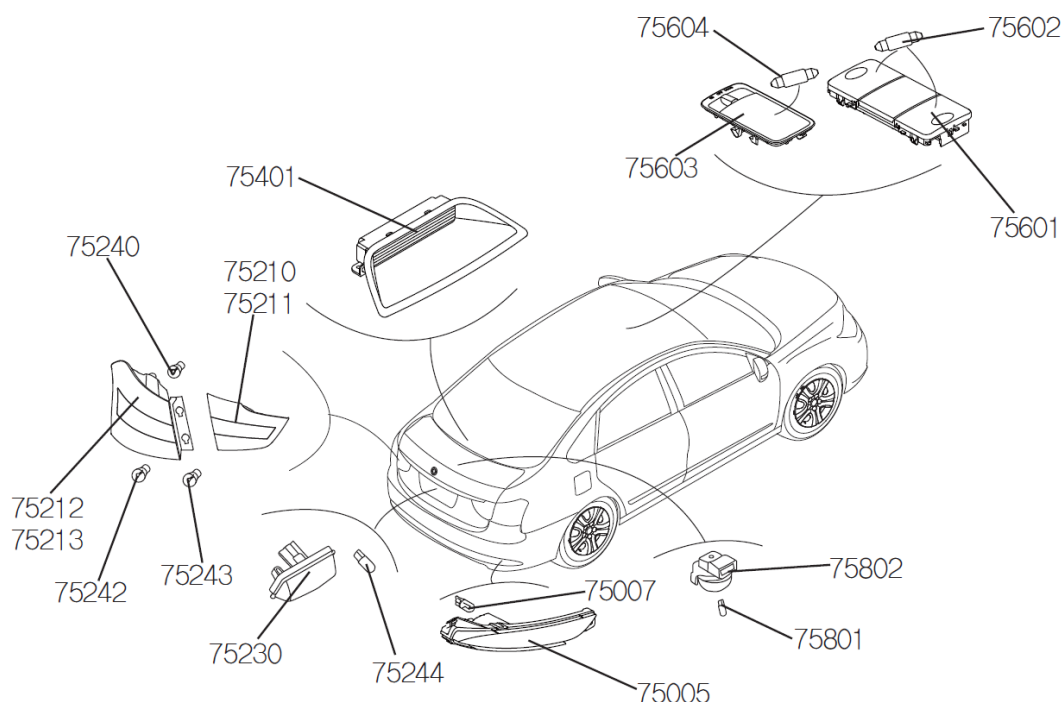
Service operation	Work hour code		Labor-hour
	Full code	Supplement	
Replacement of instrument cluster	734010910GQ		0.60
Replacement of rearview mirror adjusting switch	735050910GQ		0.40
Replacement of trunk unlock switch	735060910GQ		0.40
Replacement of light combination switch	738010910GQ		0.40
Replacement of wiper combination switch	738020910GQ		0.40
Replacement of rotary switch (combination switch bracket)	840020910GQ		0.70
Replacement of hazard warning lamp switch	742010910GQ		0.40
Replacement of headlamp illumination angle adjusting switch	742020910GQ		0.40
Replacement of ECO mode switch	742080910GQ		0.40
Replacement of charging socket electronic lock unlock switch	742090910GQ		0.40
Replacement of energy feedback selector switch	742100910GQ		0.40
Replacement of sport mode switch	742110910GQ		0.40
Replacement of passive entry transceiver at instrument panel	745020910GQ		1.00
Replacement of passive entry transceiver at console	745030910GQ		0.50
Replacement of passive entry transceiver in the front of trunk	745040910GQ		0.40
Replacement of passive entry transceiver a rear bumper	745050910GQ		1.10
Replacement of horn	762010910GQ		0.40
Replacement of engine compartment fuse box	766100910GQ		0.50
Replacement of engine compartment power distribution module	766200910GQ		0.70
Replacement of passenger compartment fuse box	766300910GQ		0.70
Replacement of BCM (including settings, anti-theft matching, remote control matching)	767010910GQ		1.50
Replacement of buzzer	778050910GQ		0.60
Replacement of encrypted anti-start antenna	778010910GQ		0.90
Replacement of start-stop button	778030910GQ		0.70
Replacement of remote control	780040910GQ		2.00

Lamp



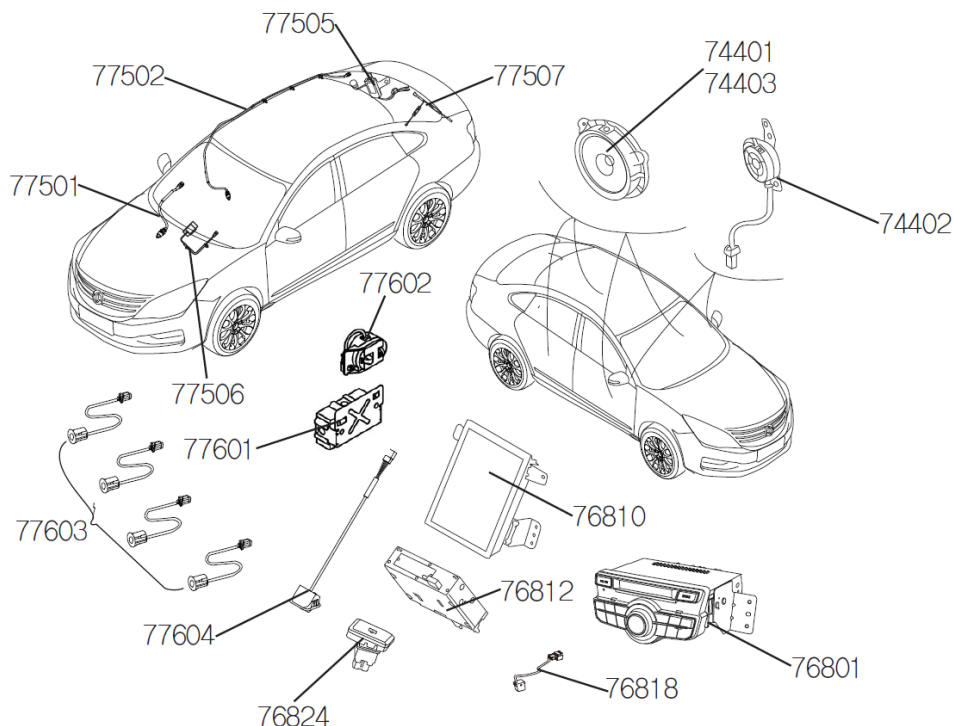
Service operation	Work hour code		Labor-hour
	Full code	Supplement	
Removal-refitting of headlamp assembly on one side	748020210GQ		0.90
Replacement of headlamp assembly on one side	748020910GQ		1.00
Removal-refitting of headlamp assembly on both sides	748030210GQ		1.00
Replacement of headlamp assembly on both sides	748030910GQ		1.10
Replacement of low beam bulb	748050910GQ		0.30
Replacement of high beam bulb	748060910GQ		0.30
Replacement of headlamp leveler motor (single)	748040910GQ		0.50
Replacement of front fog lamp on one side	750020910GQ		0.50
Replacement of front fog lamp on both sides	750030910GQ		0.80
Replacement of front fog lamp bulb	750040910GQ		0.40
Replacement of rearview mirror turn signal lamp components on one side	620060910GQ		0.50
Replacement of rearview mirror turn signal lamp components on both sides	620070910GQ		0.90

Lamp



Service operation	Work hour code		Labor-hour
	Full code	Supplement	
Replacement of inside tail lamp on one side	752100910GQ		0.30
Replacement of inside tail lamp on both sides	752110910GQ		0.40
Replacement of outside tail lamp on one side	752120910GQ		0.30
Replacement of outside tail lamp on both sides	752130910GQ		0.50
Replacement of brake lamp bulb	752400910GQ		0.30
Replacement of turn signal lamp bulb	752420910GQ		0.30
Replacement of reversing lamp bulb	752430910GQ		0.30
Replacement of rear fog lamp on one side	750050910GQ		0.90
Replacement of rear fog lamp on both sides	750060910GQ		1.00
Replacement of rear fog lamp bulb	750070910GQ		0.30
Replacement of license plate lamp	752300910GQ		0.30
Replacement of license plate lamp bulb	752440910GQ		0.30
Replacement of high-mounted brake lamp	754010910GQ		0.50
Replacement of trunk lamp	758020910GQ		0.30
Replacement of trunk lamp bulb	758010910GQ		0.30
Replacement of front ceiling lamp	756010910GQ		0.30
Replacement of front ceiling lamp bulb	756020910GQ		0.20
Replacement of rear ceiling lamp	756030910GQ		0.30
Replacement of rear ceiling lamp bulb	756040910GQ		0.20

Audio/video and navigation system



Service operation	Work hour code		Labor-hour
	Full code	Supplement	
Replacement of radio & MP3 player	768010910GQ		0.40
Upgrading of MP3 software/GPS map	768026910GQ		1.20
Replacement of multimedia display	768100910GQ		0.50
Replacement of A/V main unit	768120910GQ		0.60
Replacement of microphone	768180910GQ		0.60
Replacement of microphone	768180910GQ		0.40
Replacement of front door speaker on one side	774010910GQ		0.50
Replacement of tweeter on one side	774020910GQ		0.30
Replacement of rear door speaker on one side	774030910GQ		0.50
Replacement of front antenna cable	775010910GQ		1.00
Replacement of rear antenna cable	775020910GQ		2.00
Replacement of antenna amplifier	775050910GQ		0.80
Replacement of GPS antenna	775060910GQ		0.50
Replacement of noise suppression coil	775070910GQ		0.80
Replacement of reverse radar ECU	776010910GQ		1.00
Replacement of reverse radar buzzer	776020910GQ		0.60
Replacement of reverse radar sensor	776030910GQ		1.10
Replacement of reverse camera	776040910GQ		0.60
Replacement of MP5 power switch	768240910GQ		0.50
Replacement of T-Box (including activation)	768230910GQ		1.00

1. Common work hour
2. Mechanical service
3. Body equipment
4. Sheet metal painting



Work Hour Manual

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Work Hour Manual for Dongfeng E70

Sheet metal painting

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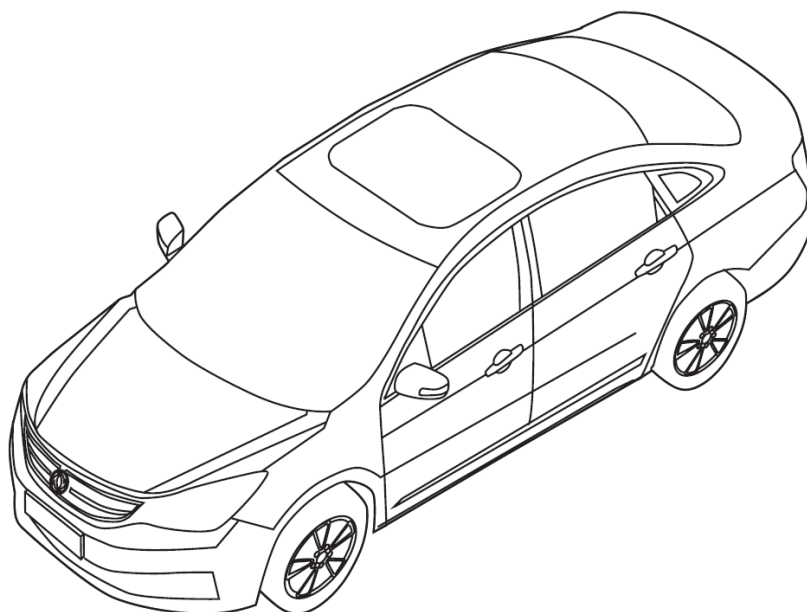
Service of rear end panel & body frame assembly 4-12

Service of roof & body frame assembly 4-13

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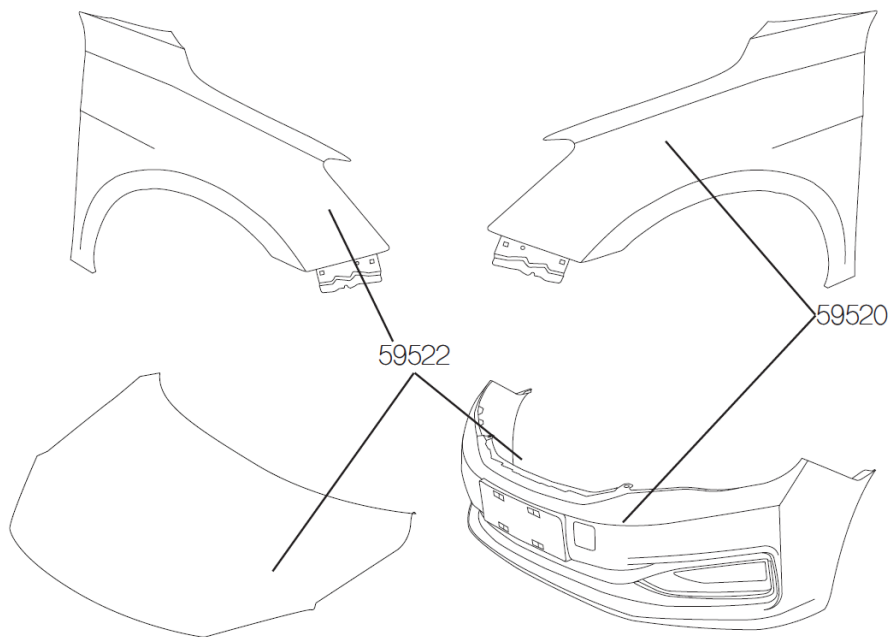
Painting-covering parts assembly 4-16

Body service related mechanical work hour



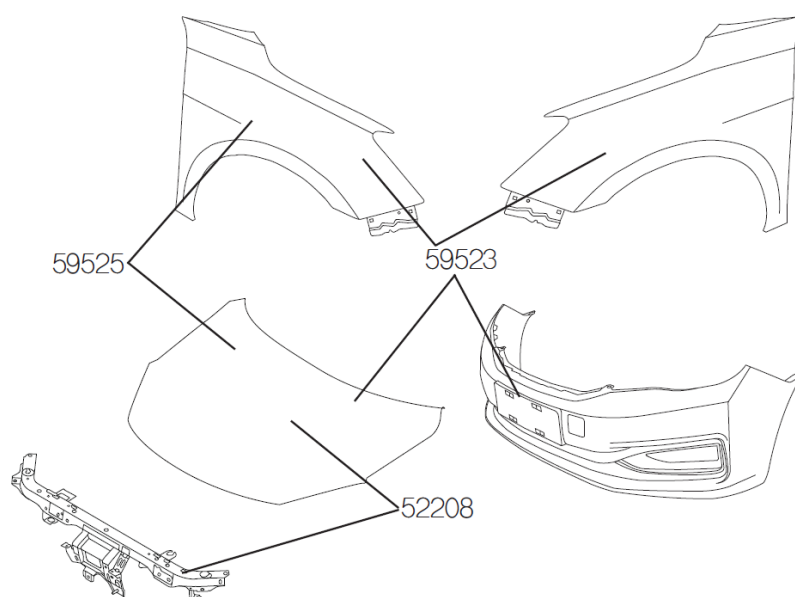
Service operation	Work hour code		Labor-hour
	Full code	Supplement	
Removal-refitting of front mechanical parts Body frame service related work hours, including removal-refitting of front bumper, engine hood, front wall, radiator A/C pipe, engine reducer, and front bracket/suspension, inspection of geometry dimension before and after draining-adding of cooling system, and bleeding of brake system	410100210GQ		9.80
Removal-refitting of rear mechanical parts (including: removal-refitting of fuel tank-exhaust pipe-rear axle)	495040210GQ		4.80
Removal-refitting of passenger compartment interior trim Including removal-refitting of all passenger compartment parts such as seats, carpets, instrument panel, roof trims, sunroof, etc.	690010210GQ		7.80
Removal-refitting (fixing and removal) of the vehicle on the straightening frame	510010250GQ		1.50
Removal-refitting of front windshield	520010210GQ		2.40
Removal-refitting of trunk lid	554010210GQ		1.30
Removal-refitting of rear windshield assembly	552010210GQ		2.40
Inspection of geometry dimension of front & rear axles (four-wheel alignment)	400010510GQ		1.80
Bleeding of braking system (all exhaust vents)	470012611GQ		0.50
Adjustment tension and balance of brake cable	480010410GQ		0.50
Recovery of refrigerant-draining-adding	818092710GQ		0.50
Replacement of radiator upper cross member	522010910GQ		2.00
Replacement of radiator lower cross member (including painting)	522020910GQ		0.80

Service of covering parts assembly



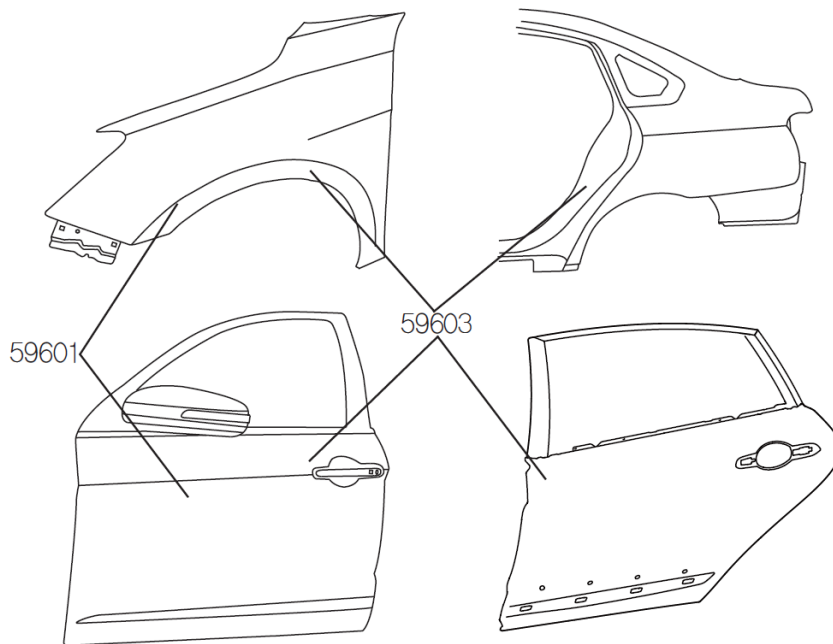
Service operation	Work hour code		Labor-hour
	Full code	Supplement	
Complete work hours for replacement of front bumper + 1 front fender and painting of front bumper + 1 front fender	595200910GQ		2.10
Complete work hours for painting of front bumper + 1 front fender (new parts) (including color modulation and washing gun preparation)	595201110GQ		3.60
and replacement of front bumper + 1 front fender			
Painting of front bumper + 1 front fender (service parts) (including color modulation and washing gun preparation)	595201610GQ		4.30
Complete work hours for replacement of front bumper + 2 front fender and painting of front bumper + 2 front fender	595210910GQ		2.80
Complete work hours for painting of front bumper + 2 front fender (new parts) (including color modulation and washing gun preparation)	595211110GQ		4.2
and replacement of front bumper + 1 front fender			
Painting of front bumper + 2 front fender (service parts) (including color modulation and washing gun preparation)	595211610GQ		5.40
Complete work hours for replacement of front bumper + 1 front fender + engine hood and painting of front bumper + 1 front fender + engine hood	595220910GQ		2.70
Complete work hours for painting of front bumper + 1 front fender + engine hood (new parts) (including color modulation and washing gun preparation)	595221110GQ		4.90
and replacement of front bumper + 1 front fender + engine hood			
Painting of front bumper + 1 front fender + engine hood (service parts) (including color modulation and washing gun preparation)	595221610GQ		7.30

Service of covering parts assembly



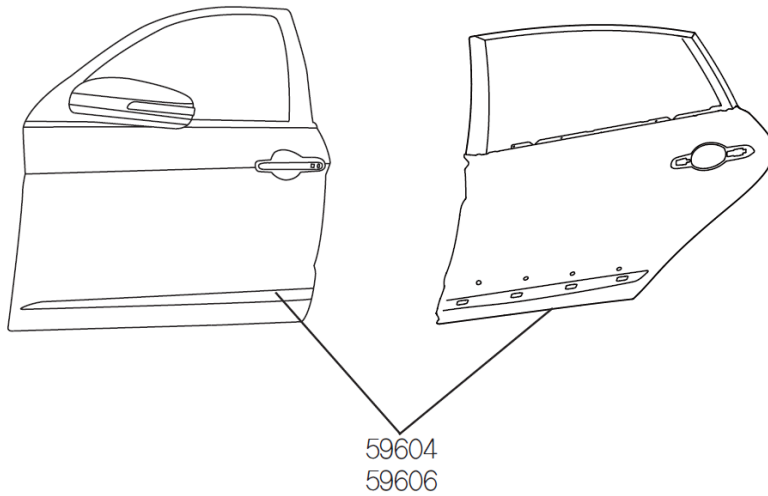
Service operation	Work hour code		Labor-hour
	Full code	Supplement	
Complete work hours for replacement of front bumper + 2 front fender + engine hood and painting of front bumper + 2 front fender + engine hood	595230910GQ		3.60
Complete work hours for painting of front bumper + 2 front fender + engine hood (new parts) (including color modulation and washing gun preparation)	595231110GQ		7.10
and replacement of front bumper + 2 front fender + engine hood	595231610GQ		9.10
Painting of front bumper + 2 front fender + engine hood (service parts) (including color modulation and washing gun preparation)			
Complete work hours for replacement of engine hood + 1 front fender	595250910GQ		2.30
and painting of engine hood + 1 front fender	595251110GQ		3.70
Complete work hours for painting of engine hood + 1 front fender (new parts) (including color modulation and washing gun preparation) and replacement of engine hood + 1 front fender			
Painting of engine hood + 1 front fender (service parts) (including color modulation and washing gun preparation)	595251610GQ		4.80
Complete work hours for replacement of engine hood + 2 front fender	595260910GQ		3.00
and painting of engine hood + 2 front fender			
Complete work hours for painting of engine hood + 2 front fender (new parts) (including color modulation and washing gun preparation) and replacement of engine hood + 2 front fender	595261110GQ		4.30
Painting of engine hood + 2 front fender (service parts) (including color modulation and washing gun preparation)	595261610GQ		5.90
Complete work hours for Replacement of engine hood + water tank upper cross member	522080910GQ		2.50
and painting of engine hood + water tank upper cross member	522081110GQ		3.60
Complete work hours for painting of engine hood + water tank upper cross member (including color modulation and washing gun preparation) and replacement of engine hood + water tank upper cross member			

Service of covering parts assembly



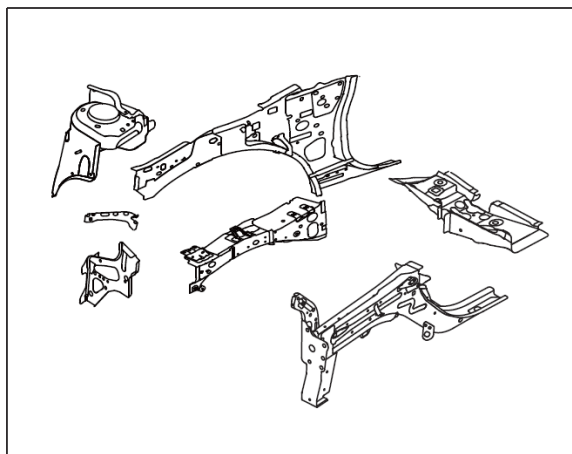
Service operation	Work hour code		Labor-hour
	Full code	Supplement	
Complete work hours for replacement of front fender + front door on one side and painting of front fender + front door on one side	596010910GQ		3.60
Complete work hours for painting of front fender + front door on one side (new parts) (including color modulation and washing gun preparation) and front fender + front door on one side	596011110GQ		4.40
Complete work hours for painting of front fender + front door on one side (service parts) (including color modulation and washing gun preparation)	596011610GQ		5.60
Complete work hours for replacement of front fender + front door + rear door on one side and painting of front fender + front door + rear door	596020910GQ		5.30
Complete work hours for painting of front fender + front door + rear door on one side (new parts) (including color modulation and washing gun preparation) and front fender + front door + rear door	596021110GQ		6.60
Complete work hours for painting of front fender + front door + rear door on one side (service parts) (including color modulation and washing gun preparation)	596021610GQ		8.10
Complete work hours for painting of front fender + front and rear doors + rear section of side wall outer panel on one side (service parts) (including color modulation and washing gun preparation)	596031610GQ		9.20

Service of covering parts assembly

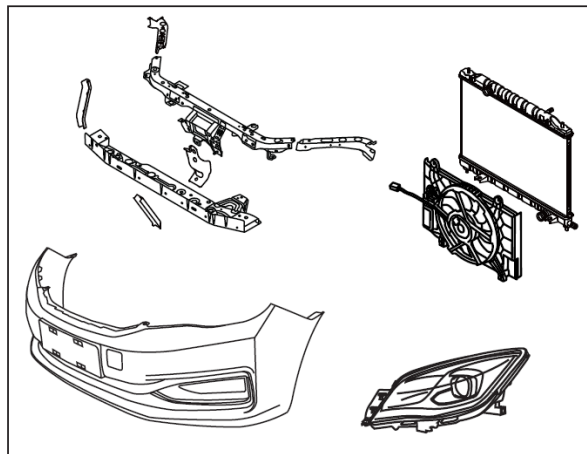


Service operation	Work hour code		Labor-hour
	Full code	Supplement	
Complete work hours for replacement of front and rear doors on one side	596040910GQ		4.00
and painting of front fender + front door on one side			
Complete work hours for painting of front fender + front and rear doors on one side (new parts)	596041110GQ		5.80
(including color modulation and washing gun preparation)			
and front fender + front and rear doors on one side			
Painting of front/rear door on one side (service parts)	596041610GQ		6.80
(including color modulation and washing gun preparation)			
Complete work hours for replacement of 4 front and rear doors	596060910GQ		8.20
and painting of 4 front and rear doors			
Complete work hours for painting of 4 front and rear doors (new parts)	596061110GQ		10.20
(including color modulation and washing gun preparation)			
and replacement of 4 front and rear doors			
Painting of 4 front and rear doors (service parts)	596061610GQ		12.10
(including color modulation and washing gun preparation)			
Painting of front door + rear door on one side (service parts)	596051610GQ		6.50
(including color modulation and washing gun preparation)			

Service of front body frame assembly



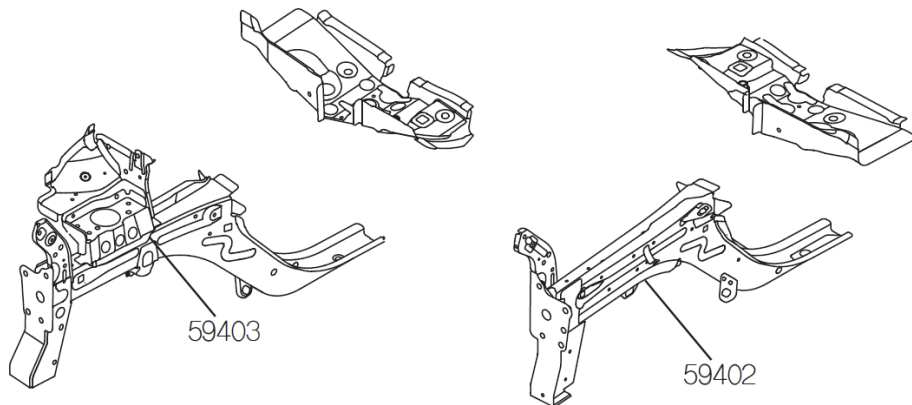
59405



59401

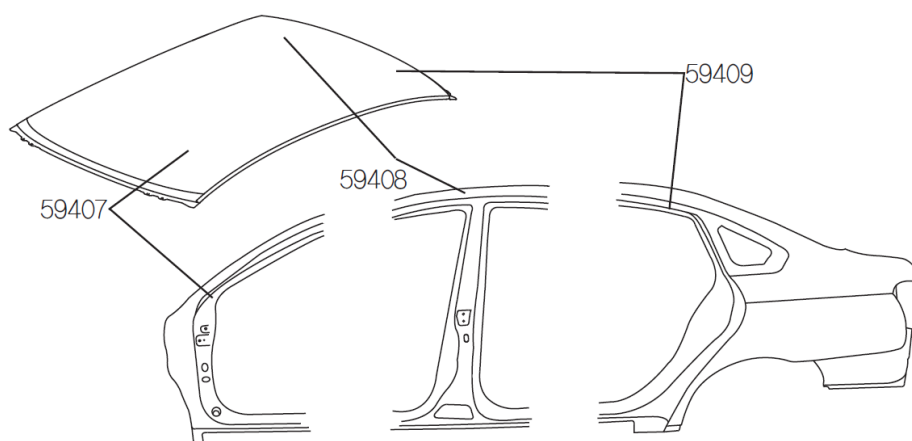
Service operation	Work hour code		Labor-hour
	Full code	Supplement	
Repair for front collision including combination repair of front bumper, front bumper frame, radiator upper and lower cross beams, headlamp, radiator, condenser, cooling fan, etc., which does not involve the body frame, including painting of radiator upper and lower cross beams and front bumper.	594011010GQ		6.50
Replacement of fender inner plate, reinforcement plate, front wheel housing, headlamp frame, and front section of front side member on one side Complete work hours: all items including mechanical sheet metal painting Step-by-step replacement of fender inner plate, reinforcement plate, front wheel housing, headlamp frame, and front section of front side member on one side	594050910GQ		20.20
Sheet metal repair of fender inner plate, reinforcement plate, front wheel housing, headlamp frame, and front section of front side member on one side Work hours for sheet metal repair: preparation of parts/replacement/painting	594051010GQ		6.40
Mechanical removal-refitting of fender inner plate, reinforcement plate, front wheel housing, and headlamp frame on one side Including all mechanical removal-refitting items, such as removal-refitting of front mechanical parts, draining-adding of refrigerant, bleeding of brake system, draining-adding of coolant, four-wheel alignment, and removal-refitting of the vehicle on the straightening frame	594050210GQ		13.80

Service of front body frame assembly



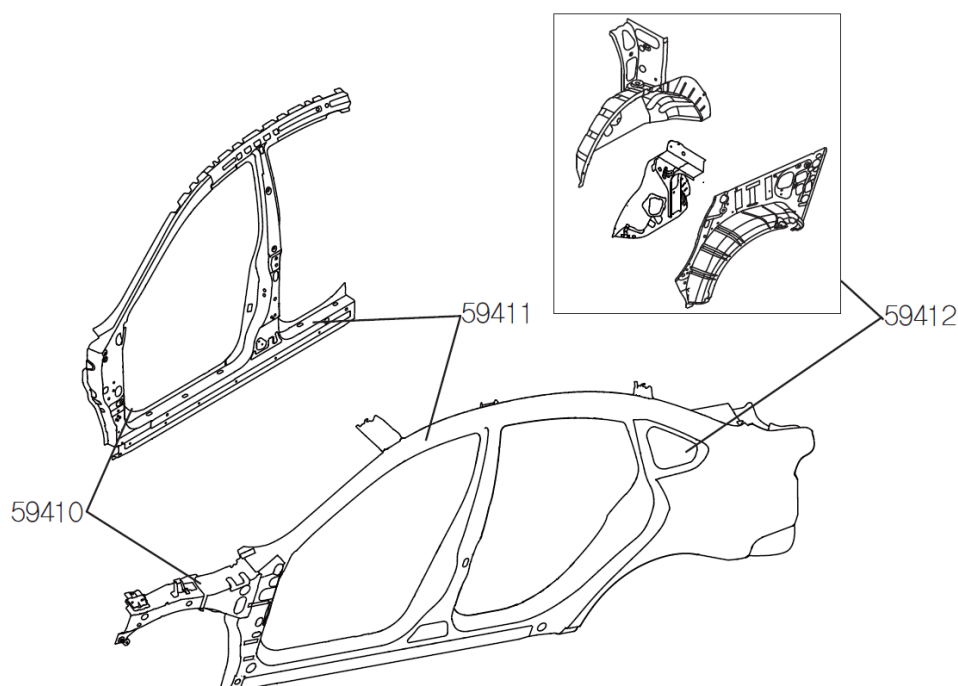
Service operation	Work hour code		Labor-hour
	Full code	Supplement	
Replacement of left front side member (complete work hours: all items including mechanical sheet metal painting)	594020910GQ		21.60
Step-by-step replacement of left front side member			
Sheet metal repair of left front side member (work hours for sheet metal repair: preparation of parts/replacement/painting)	594021010GQ		7.10
Mechanical removal-refitting of front side member	594040210GQ		13.80
Including all mechanical removal-refitting items, such as removal-refitting of front mechanical parts, draining-adding of refrigerant, bleeding of brake system, draining-adding of coolant, four-wheel alignment, and removal-refitting of the vehicle on the straightening frame			
Replacement of right front side member (complete work hours: all items including mechanical sheet metal painting)	594030910GQ		22.60
Step-by-step replacement of right front side member			
Sheet metal repair of right front side member (work hours for sheet metal repair: preparation of parts/replacement/painting)	594031010GQ		8.10
Mechanical removal-refitting of front side member	594040210GQ		13.80
Including all mechanical removal-refitting items, such as removal-refitting of front mechanical parts, draining-adding of refrigerant, bleeding of brake system, draining-adding of coolant, four-wheel alignment, and removal-refitting of the vehicle on the straightening frame			

Service of side wall body frame assembly



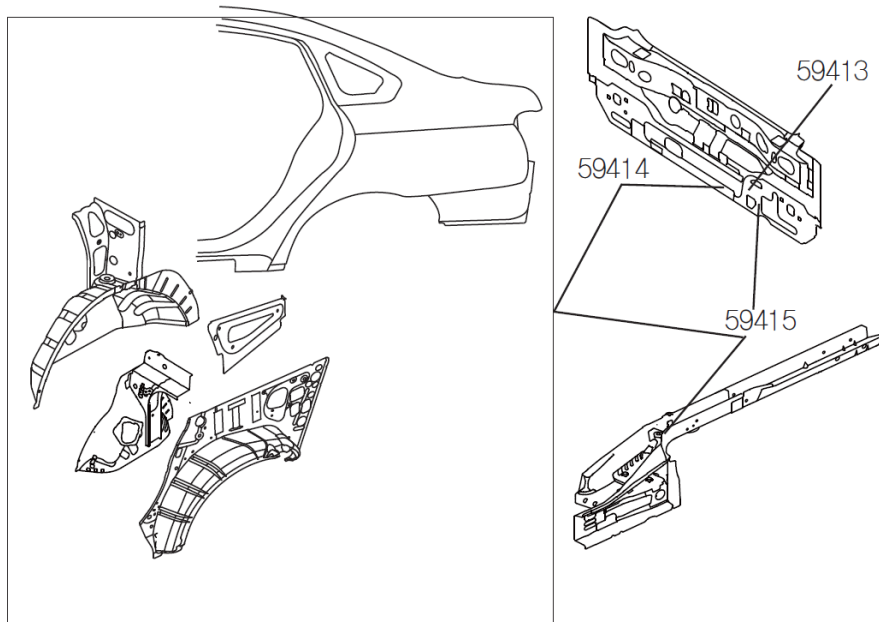
Service operation	Work hour code		Labor-hour
	Full code	Supplement	
Replacement of side wall panel assembly on one side and roof (complete work hours: all items including mechanical sheet metal painting) Step-by-step replacement of side wall panel assembly on one side and roof	594060910GQ		49.20
Repair of side wall panel assembly on one side and roof (work hours for sheet metal repair: preparation of parts/replacement/painting)	594061010GQ		35.80
Mechanical removal-refitting of side wall panel assembly on one side and roof Including removal-refitting of passenger compartment interior trim, front and rear doors, front windshield, and trunk lid, possible removal-refitting of rear mechanical parts, removal-refitting of the vehicle on the straightening frame	594060210GQ		15.40
Replacement of front section of side wall panel on one side and roof (complete work hours: all items including mechanical sheet metal painting) Step-by-step replacement of front section of side wall panel on one side and roof	594070910GQ		32.70
Repair of front section of side wall panel on one side and roof (work hours for sheet metal repair: preparation of parts/replacement/painting)	594071010GQ		22.10
Mechanical removal-refitting of side wall front section of side wall panel on one side and roof Including removal-refitting of passenger compartment interior trim, front and rear doors, front windshield, trunk lid, and vehicle on the straightening frame	594070210GQ		10.60
Replacement of middle section of side wall panel on one side and roof (complete work hours: all items including mechanical sheet metal painting) Step-by-step replacement of middle section of side wall panel on one side and roof	594080910GQ		32.50
Repair of middle section of side wall panel on one side and roof (work hours for sheet metal repair: preparation of parts/replacement/painting)	594081010GQ		21.90
Mechanical removal-refitting of middle section of side wall panel on one side and roof Including removal-refitting of passenger compartment interior trim, front and rear doors, front windshield, trunk lid, and vehicle on the straightening frame	594080210GQ		10.60
Replacement of rear section of side wall panel on one side and roof (complete work hours: all items including mechanical sheet metal painting) Step-by-step replacement of rear section of side wall panel on one side and roof	594090910GQ		38.90
Repair of rear section of side wall panel on one side and roof (work hours for sheet metal repair: preparation of parts/replacement/painting)	594091010GQ		23.50
Mechanical removal-refitting of rear section of side wall panel on one side and roof Including removal-refitting of passenger compartment interior trim, front and rear doors, front windshield, and trunk lid, possible removal-refitting of rear mechanical parts, removal-refitting of the vehicle on the straightening frame	594090210GQ		15.40

Service of side wall body frame assembly



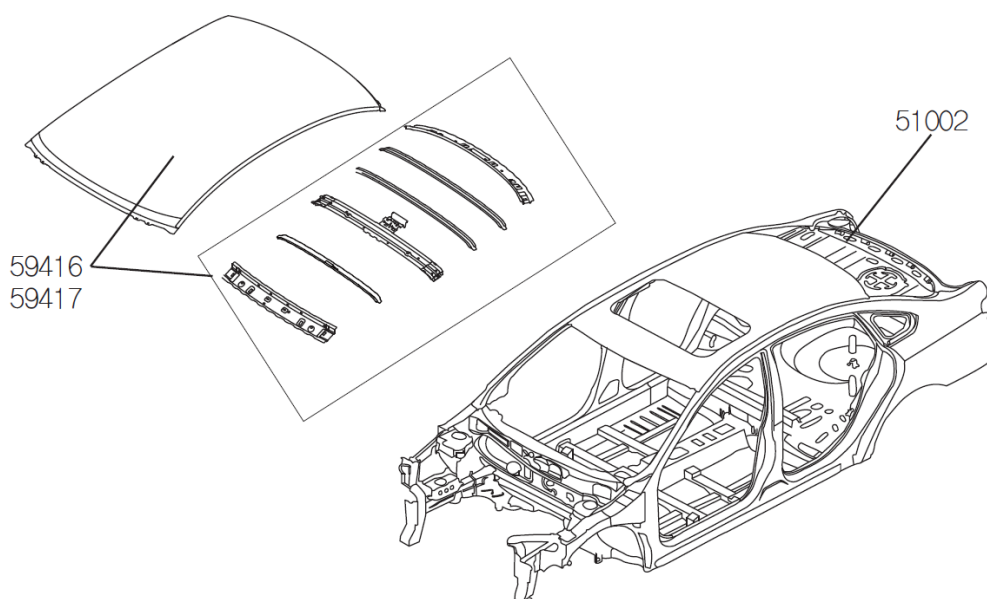
Service operation	Work hour code		Labor-hour
	Full code	Supplement	
Replacement of front section of side wall panel and side wall reinforcement plate (complete work hours: all items including mechanical sheet metal painting) Step-by-step replacement of front section of side wall panel and side wall reinforcement plate Repair of front section of side wall panel and side wall reinforcement plate (work hours for sheet metal repair: preparation of parts/replacement/painting) Mechanical removal-refitting of front section of side wall panel and side wall reinforcement plate Including removal-refitting of passenger compartment interior trim, front and rear doors, front windshield, and vehicle on the straightening frame	594100910GQ		35.20
	594101010GQ		24.60
	594100210GQ		10.60
Replacement of middle section of side wall panel and side wall reinforcement plate (complete work hours: all items including mechanical sheet metal painting) Step-by-step replacement of middle section of side wall panel and side wall reinforcement plate Repair of middle section of side wall panel and side wall reinforcement plate (work hours for sheet metal repair: preparation of parts/replacement/painting) Mechanical removal-refitting of middle section of side wall panel and side wall reinforcement plate Including removal-refitting of passenger compartment interior trim, front and rear doors, front windshield, and vehicle on the straightening frame	594110910GQ		34.40
	594111010GQ		23.80
	594110210GQ		10.60
Replacement of rear section of side wall panel and rear wheel housing (complete work hours: all items including mechanical sheet metal painting) Step-by-step replacement of rear section of side wall panel and rear wheel housing Repair of rear section of side wall panel and rear wheel housing (work hours for sheet metal repair: preparation of parts/replacement/painting) Mechanical removal-refitting of rear section of side wall panel and rear wheel housing Including removal-refitting of passenger compartment interior trim, front and rear doors, and trunk lid, possible removal-refitting of rear mechanical parts, removal-refitting of the vehicle on the straightening frame	594120910GQ		43.00
	594121010GQ		27.60
	594120210GQ		15.40

Service of rear end panel body frame assembly



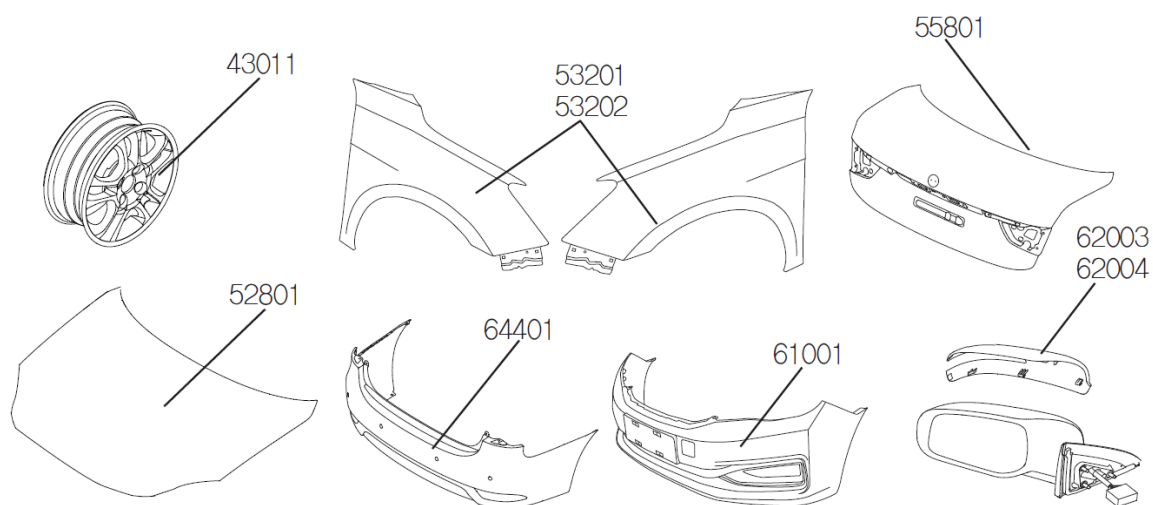
Service operation	Work hour code		Labor-hour
	Full code	Supplement	
Replacement of rear end panel (complete work hours: all items including mechanical sheet metal painting)	594130910GQ		9.70
Step-by-step replacement of rear end panel			
Repair of rear end panel (work hours for sheet metal painting: preparation of parts/replacement/painting)	594131010GQ		6.90
Mechanical removal-refitting of rear end panel	594130210GQ		2.80
Including removal-refitting of rear bumper, rear interior trims, and vehicle on the straightening frame			
Replacement of rear end panel, rear section of side wall panel and rear wheel housing (complete work hours: all items including mechanical sheet metal painting)	594140910GQ		46.60
Step-by-step replacement of rear end panel, rear section of side wall panel and rear wheel housing			
Repair of rear end panel, rear section of side wall panel and rear wheel housing (work hours for sheet metal painting: preparation of parts/replacement/painting)	594141010GQ		31.20
Mechanical removal-refitting of rear end panel, rear section of side wall panel and rear wheel housing	594140210GQ		15.40
Including removal-refitting of passenger compartment interior trim, front and rear doors, and trunk lid, possible removal-refitting of rear mechanical parts, removal-refitting of the vehicle on the straightening frame			
Replacement of rear end panel, rear section of side wall panel, rear wheel housing, and rear side member	594150910GQ		48.80
Complete work hours: all items including mechanical sheet metal painting			
Step-by-step replacement of rear end panel, rear section of side wall panel, rear wheel housing, and rear side member			
Repair of rear end panel, rear section of side wall panel, rear wheel housing, and rear side member	594151010GQ		33.40
Work hours for sheet metal repair: preparation of parts/replacement/painting			
Mechanical removal-refitting of rear end panel, rear section of side wall panel, rear wheel housing, and rear side member	594150210GQ		15.40
Including removal-refitting of passenger compartment interior trim, front and rear doors, and trunk lid, possible removal-refitting of rear mechanical parts, removal-refitting of the vehicle on the straightening frame			

Service of roof & body frame assembly



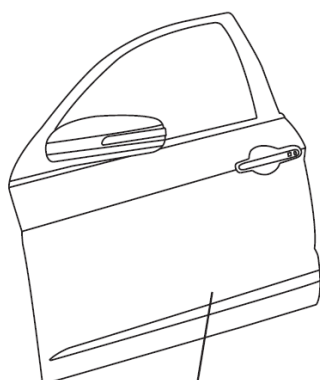
Service operation	Work hour code		Labor-hour
	Full code	Supplement	
Replacement of roof (without sunroof) and roof cross member (complete work hours: all items including mechanical sheet metal painting) Step-by-step replacement of roof (without sunroof) and roof cross member	594160910GQ		13.20
Repair of roof (without sunroof) and roof cross member (work hours for sheet metal painting: preparation of parts/replacement/painting)	594161010GQ		8.00
Mechanical removal-refitting of roof (without sunroof) and roof cross member Including removal-refitting of passenger compartment interior trim, front windshield, and trunk lid	594160210GQ		5.20
Replacement of roof (with sunroof) and roof cross member (complete work hours: all items including mechanical sheet metal painting) Step-by-step replacement of roof (with sunroof) and roof cross member	594170910GQ		13.40
Repair of roof (with sunroof) and roof cross member (work hours for sheet metal painting: preparation of parts/replacement/painting)	594171010GQ		8.00
Mechanical removal-refitting of roof (with sunroof) and roof cross member Including removal-refitting of passenger compartment interior trim, front windshield, and trunk lid	594170210GQ		5.60
Replacement of body (complete work hours: all items including painting and removal-refitting of mechanical parts) Step-by-step replacement of body Painting of new body Work hours for painting: including color modulation and washing gun preparation, excluding removal-refitting of parts Work hours for painting should be added for complete body replacement	510020910GQ		44.20
Mechanical removal-refitting of body Including removal-refitting of front and rear mechanical parts, passenger compartment interior trims, wire harness, front and rear doors, back door, front and rear windows, draining-adding of fluids	510021110GQ		15.60
	510020210GQ		28.60

Painting-individual parts

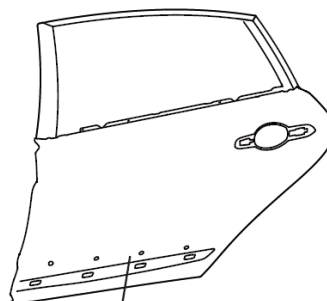


Service operation	Work hour code		Labor-hour
	Full code	Supplement	
All work hours for painting are complete work hours (including color modulation and washing gun preparation)			
Painting of 1 rim (including removal-refitting of wheel)	430112810GQ		2.10
Painting of 2 rim (including removal-refitting of wheel)	430122810GQ		2.30
Painting of 4 rim (including removal-refitting of wheel)	430132810GQ		2.60
Painting of rearview mirror trim cover on one side	620031110GQ		0.40
Painting of rearview mirror trim cover on both sides	620041110GQ		0.60
Painting of front bumper (new part)	610011110GQ		2.80
Painting of front bumper (service part)	610011650GQ		3.20
Painting of rear bumper (new part)	644011110GQ		2.80
Painting of rear bumper (service part)	644011650GQ		3.20
Painting of engine hood (new part)	528011110GQ		3.10
Painting of engine hood (service part)	528011610GQ		3.70
Painting of front fender on one side (new part)	532011110GQ		2.30
Painting of front fender on one side (service part)	532011610GQ		2.80
Painting of 2 front fenders (new parts)	532021110GQ		3.80
Painting of 2 front fenders (service parts)	532021610GQ		4.30
Painting of trunk lid (new part)	554011110GQ		2.60
Painting of trunk lid (service part)	554011610GQ		3.20
Painting preparation work hours Including time for color modulation and washing gun. The work hour will be calculated for each painting, so its work hour will only be considered once when it is calculated with other work hours.	000121110GQ		1.70
Partial polishing of covering parts	000152010GQ		0.50
Partial paint repairing of covering parts	000161110GQ		2.20

Painting-individual parts



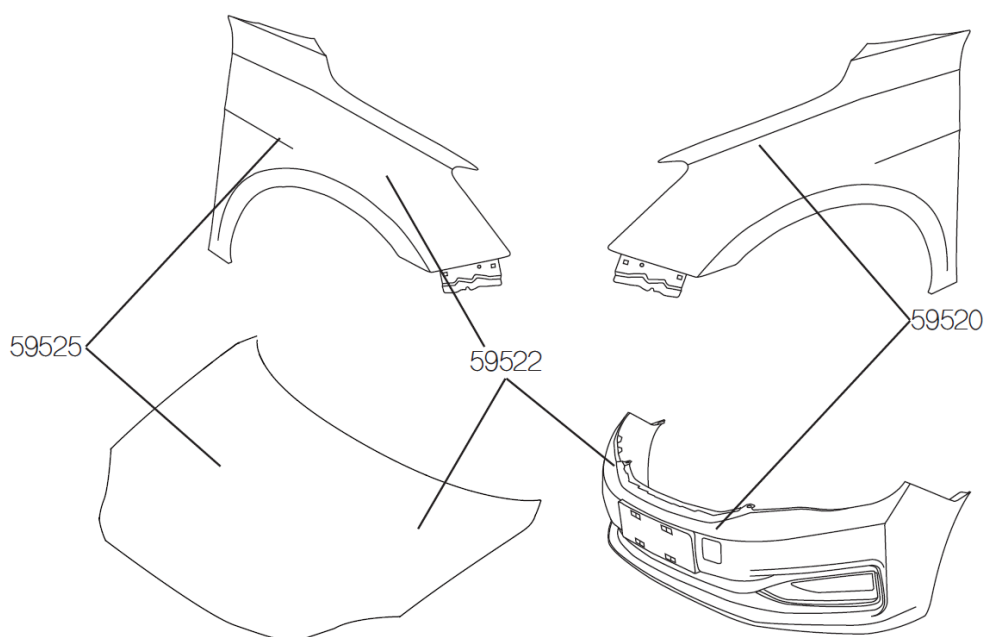
57001
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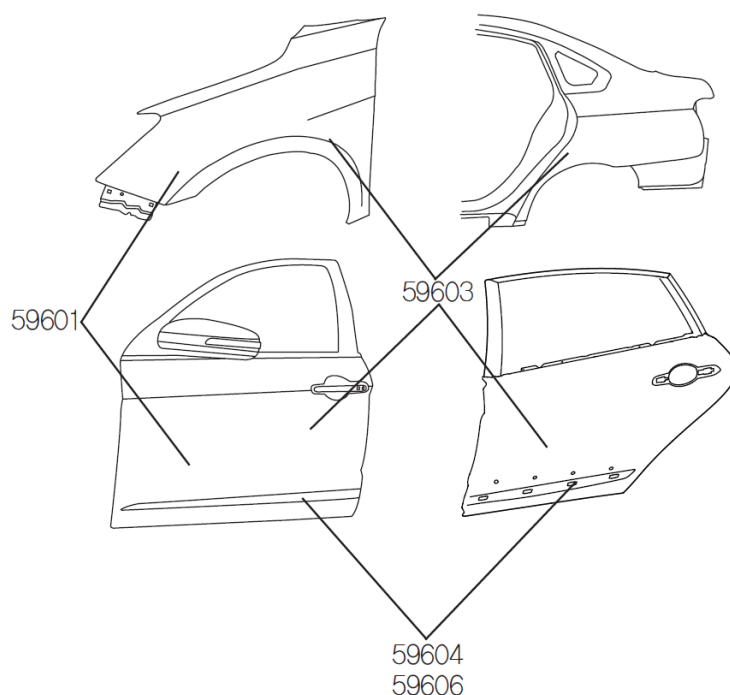
Service operation	Work hour code		Labor-hour
All work hours for painting are complete work hours (including color modulation and washing gun preparation)	Full code	Supplement	
Painting of 1 front door (new part)	570011110GQ		3.60
Painting of 1 front door (service part)	570011610GQ		4.30
Painting of 1 front door outer plate	570021110GQ		2.80
Painting of 2 front door (new part)	570031110GQ		5.80
Painting of 2 front door (service part)	570031610GQ		6.80
Painting of front door outside handle trim cover on one side	572081110GQ		0.40
Painting of front door outside handle trim cover on both sides	572091110GQ		0.60
Painting of 1 rear door (new part)	580011110GQ		3.60
Painting of 1 rear door (service part)	580011610GQ		4.30
Painting of 1 rear door outer plate	580021110GQ		2.80
Painting of 2 rear door (new part)	580031110GQ		5.80
Painting of 2 rear door (service part)	580031610GQ		6.80
Painting of rear door outside handle trim cover on one side	582071110GQ		2.00
Painting of rear door outside handle trim covers on both sides	582081110GQ		2.30
Painting preparation work hours Including time for color modulation and washing gun. The work hour will be calculated for each painting, so its work hour will only be considered once when it is calculated with other work hours.	000121110GQ		1.70
Partial polishing of covering parts	000152010GQ		0.50
Partial paint repairing of covering parts	000161110GQ		2.20

Painting-covering parts assembly



Service operation	Work hour code		Labor-hour
	Full code	Supplement	
All work hours for painting are complete work hours (including color modulation and washing gun preparation)			
Complete work hours for painting of front bumper + 1 front fender (new parts) (including color modulation and washing gun preparation)	595201110GQ		3.60
Painting of front bumper + 1 front fender (service parts)	595201610GQ		4.30
Complete work hours for painting of front bumper + 2 front fender (new parts) (including color modulation and washing gun preparation)	595211110GQ		4.20
Painting of front bumper + 2 front fender (service parts)	595211610GQ		5.40
Complete work hours for painting of front bumper + 1 front fender + engine hood (new parts) (including color modulation and washing gun preparation)	595221110GQ		4.90
Painting of front bumper + 1 front fender + engine hood (service parts)	595221610GQ		7.30
Complete work hours for painting of front bumper + 2 front fender + engine hood (new parts) (including color modulation and washing gun preparation)	595231110GQ		7.10
Painting of front bumper + 2 front fender + engine hood (service parts)	595231610GQ		9.10
Complete work hours for painting of engine hood + 1 front fender (new parts)	595251110GQ		3.70
Painting of engine hood + 1 front fender (service parts)	595251610GQ		4.80
Complete work hours for painting of engine hood + 2 front fender (new parts)	595261110GQ		4.30
Painting of engine hood + 2 front fender (service parts)	595261610GQ		5.90
Painting preparation work hours Including time for color modulation and washing gun. The work hour will be calculated for each painting, so its work hour will only be considered once when it is calculated with other work hours.	000121110GQ		1.70
Partial polishing of covering parts	000152010GQ		0.50
Partial paint repairing of covering parts	000161110GQ		2.20

Painting-covering parts assembly



Service operation	Work hour code		Labor-hour
	Full code	Supplement	
All work hours for painting are complete work hours (including color modulation and washing gun preparation)			
Complete work hours for painting of front fender + front door on one side (new parts)	596011110GQ		4.40
Complete work hours for painting of front fender + front door on one side (service parts)	596011610GQ		5.60
Complete work hours for painting of front fender + front door + rear door on one side (new parts)	596021110GQ		6.60
Complete work hours for painting of front fender + front door + rear door on one side (service parts)	596021610GQ		8.10
Complete work hours for painting of front fender + front and rear doors on one side (new parts)	596041110GQ		5.80
Painting of front/rear door on one side (service parts)	596041610GQ		6.80
Complete work hours for painting of 4 front and rear doors (new parts)	596061110GQ		10.20
Painting of 4 front and rear doors (service parts)	596061610GQ		12.10
Painting of front door + rear door outer plates on one side (service parts)	596051610GQ		6.50
Complete work hours for painting of front fender + front and rear doors + rear section of side wall outer panel on one side (service parts)	596031610GQ		9.20
Painting preparation work hours Including time for color modulation and washing gun. The work hour will be calculated for each painting, so its work hour will only be considered once when it is calculated with other work hours.	000121110GQ		1.70
Partial polishing of covering parts	000152010GQ		0.50
Partial paint repairing of covering parts	000161110GQ		2.20

Appendix 1

Instructions for Work Hour Manual

1. Reference table for models

Independently-developed motor				
90kW		100kW		
DFM7000G1BBEV	DFM7000G1F3BEV	DFM7000G1F1BEV	DFM7000G1F4BEV	DFM7000G1F6BEV
Continental AG motor				
70kW				
DFM7000G1ABEV1	DFM7000G1F2BEV			

2. Search methods for work hour

Most of items in the manual are complete work hours. You can find the work hours for corresponding item by searching the corresponding spare parts catalog name in the DMS system. Generally there are two search methods for work hour:

① Work hour manual: First determine that the required work hour belongs to which group or assembly, find the page of the group or assembly in the contents, and then obtain the required work hour through the name of the service part.

② Spare parts catalog: The first three digits (group No.) of the spare parts catalog are the same as the first three digits of the work hour code (except for the work hours for sheet metal painting). It is possible to search the parts to be repaired through the spare parts catalog and to verify the physical parts in comparison with the service operation. After verification, the work hour code can be searched based on the group No.

Note: When searching for work hours in the DMS, enter keywords in the search field of "Work Hour Description" to search the available work hour codes and work hours. It is important to keep in mind the change code and model code to quickly search the assembly category and model of the parts to be repaired in the DMS.

3. If there is no work hour code or work hour quota in the Work Hour Manual corresponding to the actual service, the franchise store will not accept the warranty identification list. The identifier in the franchise store should contact Technical Assistance Room of After-sales Dept., Headquarters of Marketing and Sales, Dongfeng Passenger Vehicle Company as soon as possible, and detail fault symptoms, troubleshooting methods and actual work hours as well as supplement and improve the Work Hour Manual after verification.

Note: When consulting the work hours, you must provide the announced vehicle model (see "Model Reference Table", or vehicle nameplate, driving license), or spare part No., etc., other than VIN.

4. Work hour code:

Work hour code is composed of 11 digits. The first 3 digits indicate the group No. of parts (same as the spare parts group), 4~5 digits indicate the sequence number of the work hour item, 6~9 digits indicate the operation type and status code, the 10th letter indicates the change code, and the 11th letter indicates the model code.

X..X..X	X..X	X..X	X..X	X	X
Group No.	S/N	Operation type	Status	Change code	Model code
113 Motor		01 Install	10 On the vehicle		Q: E70 model
320 Reducer		02 Remove	20 Engine and reducer have been removed	.	
410 Front bracket		03 Replace	50 Axle has been removed	.	

For example:

	Service operation	Work hour code	Labor-hour
Replacement of reducer		320010910BQ	4.00

Work hour code 320010910BQ, where, 320 indicates the group No. of parts of the work hour item, 01 indicates the sequence number of the work items in the group, 09 indicates replacement, 10 indicates on-board operating, B indicates AMT reducer, and Q indicates E70 model. Therefore the 320010910BQ indicates the replacement of the reducer in the vehicle.

Change code:

Change code					
Code	A	B	C		
Meanings	Independently-developed motor	AMT reducer	Continental AG motor		
Code	G	M	N	O	T
Meanings	General parts	Maintenance items	New	Old	Test

5. Service work hours are calculated in hours.

Service work hour	Min	Service work hour	Min
0.10	6	0.60	36
0.20	12	0.70	42
0.30	18	0.80	48
0.40	24	0.90	54
0.50	30	1.00	60

6. Category of work hours

① The work hours in the Work Hour Manual are mainly divided into two categories, one is the complete work hours, and the other is the supplementary work hours.

Complete work hours refer to the total time necessary to complete a service operation normally.

Supplementary work hours refer to the time required to service another part related to the item to be serviced.

For example:

Service operation	Work hour code	Labor-hour
Replacement of front axle shaft on one side (including removal & refitting of front axle shaft, draining & adding of reducer oil)	490070910GQ	1.70
Replacement of right axle shaft bearing (including removal & refitting of front axle shaft, draining & adding of reducer oil)	490150910GQ	1.70
Replacement of right axle shaft bearing (operation after removal of axle shaft)	490150926GQ	0.30

If it is only required to replace the front axle shaft right outer ball cage of a vehicle, the complete work hour is 1.70 hours; if the right axle shaft bearing is found to be damaged while replacing the front axle shaft right outer ball cage and both of them are required to be replaced, just add the two complete work hours ($1.70+1.70=3.40$ hours). Because the right axle shaft should be removed when replacing the front axle shaft right outer ball cage, and the front axle shaft should also be removed while replacing the front axle shaft bearing; if these two complete work hours are added, the work hours for removing the front axle shaft will be repeated.

So the correct work hour is one complete work hour plus one supplementary work hour ($1.70+0.30=2.00$ hours).

② Test work hour

Fault diagnosis test Additional work hours generated due to diagnosis by using the equipment in case the fault is clear. They can not be superimposed with those for the complete test and the extended test; when multiple faults occur in the same vehicle, only one type of the work hours can be used depending on the actual situation.	010043010TQ	0.2.
Fault clearing verification test Test to verify whether the fault still exists after the completion of the service operation, for which the work hours can be superimposed with those for the fault diagnosis test, the complete test, and the extended test.	010053010TQ	0.2.
Complete test The work hours for the test carried out in the plant area and requiring road test in the case of unclear faults can not be superimposed with those for the fault diagnosis test and the extended test; when multiple faults occur in the same vehicle, only one type of the work hours can be used depending on the actual situation.	010063010TQ	0.5.

Extended test Test carried out in the plant area, of which the diagnosis needs more time when the fault is unclear and occurs in a special environment. They can not be superimposed with those for the fault diagnosis test and the complete test; when multiple faults occur in the same vehicle, only one type of the work hours can be used depending on the actual situation.	010073010TQ	1.0
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The above test work hours often refer to those for disassembly, test and road test in case of unclear fault phenomena.

Most of the complete work hours in this Work Hour Manual (except for the work hours for sheet metal painting) include those for fault diagnosis tests and fault clearing tests. Only the work hours for a few of the faults that can be clearly seen (such as fracture, deformation, oil leakage, corrosion/burning, looseness/falling of, incorrect installation and missing installation, scars, abnormal wear, etc.) do not include those for fault diagnosis tests and fault verification tests.

Complete tests and extended tests are generally carried out for items requiring the road test, such as braking, steering, suspension noise, etc., or for electrics, circuit, and motor assembly of which the fault phenomena are not clear and disassembly will take a long time for fault diagnosis or of which the fault phenomena may occur under specific circumstances. The relevant work hours in this Work Hour Manual already include those for road test and other items; the replacement hours of the electrical components also include the time of setting the scan tool and are indicated in the work hour description.

③ Inspection and adding of oils, adjustment and related operating hours

The hours for inspection and adding of oils, adjustment and related operating hours in this Work Hour Manual are all included in the complete work hours.

④ Electrical components related works hours

The work hours for electrical part-related work hours in this Work Hour Manual include those for fault diagnosis test, fault clearing test, and scan tool inspection and setting.

⑤ Sheet metal painting related work hours

Accident parts operation

List possible service operations in accordance with the different impacted parts of the accident parts (front, side, rear, top) in case of accident parts service. The work hours for all operations such as mechanical related operations, sheet metal painting, etc. are included in the service work hours of the accident parts.

For example:

Service operation	Work hour code	Labor-hour
Replacement of side wall panel assembly on one side and roof (complete work hours: all items including mechanical sheet metal painting)	594060910GQ	49.20
Step-by-step replacement of side wall panel assembly on one side and roof		
Repair of side wall panel assembly on one side and roof (work hours for sheet metal repair: preparation of parts/replacement/painting)	594061010GQ	35.80
Mechanical removal-refitting of side wall panel assembly on one side and roof	594060210GQ	15.40
Including removal-refitting of passenger compartment interior trim, front and rear doors, front windshield, and trunk lid, possible removal-refitting of rear mechanical parts, removal-refitting of the vehicle on the straightening frame		

⑥ Instructions of painting work hours

-The preparation work hours (1.7 hours) for color modulation and washing gun, etc. has been included in the work hours in this Work Hour Manual. To avoid double counting painting preparation hours, a number of combined work hours have been listed in the work hour items.

-Various preparations: the work hours for moving the vehicle to the workshop, manual tool preparation, necessary rest time for the repairman, workshop cleaning, tool maintenance, etc.

have been included in the painting work hours.

-The work hours for covering the paint and drying waiting time have been included in the painting work hours.

- Materials such as paints and consumables are not included in the work hours due to their different prices.

-Polishing is not a painting job for which the work hours do not include preparation work hours for color modulation and washing gun.

Classification of parts to be painted

-New parts

new parts for replacing the old ones

-Service parts

parts that have been sheet metal re-forming or of which the repair area is greater than 20%.

Note: For parts (covering parts) with a repair area of less than 20%, the work hours of "Local touch-up for covering parts" should be used.

Combined calculation of painting work hours

This Work Hour Manual lists the painting work hours for separate parts and the combined painting work hours for adjacent parts based on the part units and possible accident patterns. The combined calculation of the painting work hours should give priority to the combined painting work hours for the listed in the work hour table. For the combined painting work hours not listed in the work hour table, add the corresponding painting work hours together, and then subtract the cumulative painting preparation work hours, and only reserve the work hours for one painting preparation to get the final work hours.

For example:

1. Combined calculation of work hours for non-adjacent "separate parts painting"

Add the painting work hours for two separate parts, and then subtract the one painting preparation work hours (1.7 hours) to get the final work hours.

Painting of engine hood (new part) + rear doors (new parts)

Service operation	Labor-hour	Calculation
Painting of engine hood (new part)	3.1	3.1+3.6-1.7=5
Painting of rear doors (new parts)	3.6	
Painting preparation work hours	1.7	

2. Combined calculation of work hours for non-adjacent "separate parts painting" and work hours for "adjacent part combined painting"

Add the work hours for the work hours for separate parts painting together with the work hours for adjacent part combined painting, then subtract the painting preparation work hours (1.7 hours) to get the final work hours.

Painting of trunk lid (new part) + engine hood + 2 front fenders

Service operation	Labor-hour	Calculation
Painting of trunk lid (new part)	2.6	2.6+4.3-1.7=5.2
Painting of engine hood + 2 front fenders	4.3	
Painting preparation work hours	1.7	

3. Combined calculation of painting work hours for parts on both sides

Repeat the work hours for the combined painting, then subtract the painting preparation work hours (1.7 hours) to get the final work hours.

7. Instructions of multiple work hours calculation

- ① Directly add the work hours for service of unrelated multiple parts.
- ② For service work hours of related individual parts that have been already included in the same service operation, only the part work hours of the final step in the service operation should be selected, and the part work hours of the intermediate operations cannot be superimposed.

For example:

Service operation	Work hour code	Labor-hour
Replacement of front shock absorber on one side Including removal-refitting or replacement of parts on the front shock absorber such as front shock absorber support, dust cover, stopper, etc.	414010910GQ	1.10
Replacement of front shock absorber upper support on one side (including removal & refitting of front shock absorber)	414070910GQ	1.10
Replacement of front shock absorber elastic stopper on one side (including removal & refitting of front shock absorber)	414110910GQ	1.10

If it is found that the upper support, limit block and other related parts of the front shock absorber need to be replaced at the same time during the front shock absorber replacement, the operation steps already involve the replacement of the upper support. For the removal & refitting of the limit block, only the final operation time should be selected for work hours. Replacement of front shock absorber on one side 1.10

8. This Work Hour Manual is a payment standard for vehicle maintenance and service time in Dongfeng Franchise Store, applicable for invoicing in Franchise Store, and it can also be used as reference information for the user. This Work Hour Manual will be used in conjunction with Dongfeng Brand OEM DMS-S System and the latter data will prevail in any event.

This Work Hour Manual is applicable for the Dongfeng E70 pure electric vehicles, and its listed service work hours will be the ones detailed in the final service statement.

This Work Hour Manual is applicable to the settlement of the following items:

- Maintenance and service;
- Quality warranty;
- Insurance claims.

Appendix 2

Comments and suggestions

Thank you for informing us your comments and suggestions.

Your comments and suggestions will help to improve the quality of the Work Hour Manual

Model: _____ franchise store: _____ franchise store code: _____

proposer: _____

Comments and suggestions:

[illegible]

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