

PREPARATION

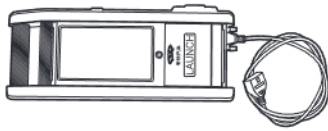
SQRE4G16 ENGINE MANAGEMENT SYSTEM	03-3	BRAKE CONTROL SYSTEM	03-28
Tools	03-3	Tools	03-28
SQRE4G16 ENGINE MECHANICAL	03-5	BRAKE	03-29
Tools	03-5	Tools	03-29
SQRE4G16 FUEL SUPPLY SYSTEM	03-11	PARKING BRAKE	03-30
Tools	03-11	Tools	03-30
SQRE4G16 EMISSION CONTROL SYSTEM	03-12	STEERING COLUMN	03-31
Tool	03-12	Tools	03-31
SQRE4G16 INTAKE SYSTEM	03-13	HYDRAULIC ASSIST STEERING	03-32
Tools	03-13	Tool	03-32
SQRE4G16 EXHAUST SYSTEM	03-14	ELECTRONIC POWER STEERING	03-33
Tools	03-14	Tools	03-33
SQRE4G16 COOLING SYSTEM	03-15	AIR CONDITIONING	03-34
Tools	03-15	Tools	03-34
SQRE4G16 LUBRICATION SYSTEM	03-16	SUPPLEMENTAL RESTRAINT SYSTEM	03-35
Tools	03-16	Tools	03-35
SQRE4G16 IGNITION SYSTEM	03-17	SEAT BELT	03-36
Tool	03-17	Tool	03-36
SQRE4G16 STARTING SYSTEM	03-18	ENGINE IMMOBILIZER	03-37
Tools	03-18	Tools	03-37
SQRE4G16 CHARGING SYSTEM	03-19	CONSTANT SPEED CRUISE SYSTEM	03-38
Tool	03-19	Tools	03-38
QR525MHE TRANSMISSION	03-20	LIGHTING SYSTEM	03-39
Tools	03-20	Tools	03-39
QR019CHB CVT	03-22	WIPER AND WASHER	03-40
Tools	03-22	Tools	03-40
CLUTCH	03-23	DOOR LOCK	03-41
Tools	03-23	Tools	03-41
DIFFERENTIAL	03-24	INSTRUMENT CLUSTER	03-42
Tools	03-24	Tools	03-42
AXLE	03-25	AUDIO/VISUAL SYSTEM	03-43
Tools	03-25	Tools	03-43
SUSPENSION	03-27	REVERSING RADAR SYSTEM	03-44
Tools	03-27	Tool	03-44
		HORN	03-45
		Tool	03-45

WINDSHIELD/WINDOW GLASS	03-46	ENGINE HOOD/DOOR	03-50
Tools	03-46	Tool	03-50
REAR VIEW MIRROR	03-47	EXTERIOR	03-51
Tool	03-47	Tool	03-51
INSTRUMENT PANEL	03-48	INTERIOR	03-52
Tool	03-48	Tool	03-52
SEAT	03-49		
Tool	03-49		

SQRE4G16 ENGINE MANAGEMENT SYSTEM

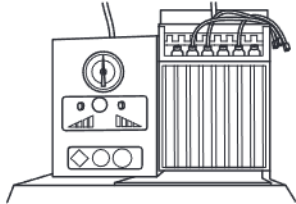
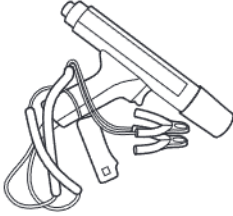
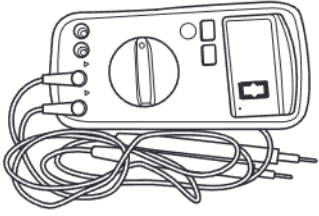
Tools

Special Tool

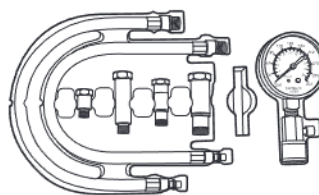
X-431 3G Diagnostic Tester	 RCH0000001
----------------------------	--

03

General Tools

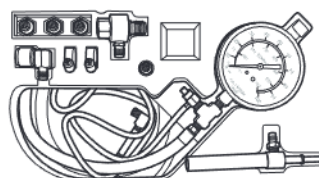
Fuel Injector Cleaning Analyzer	 RCH0000062
Ignition Timing Light	 RCH0000016
Digital Multimeter	 RCH0000002

Cylinder Pressure Gauge



RCH0000044

Fuel Pressure Gauge



RCH0000048

Oscilloscope

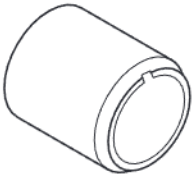
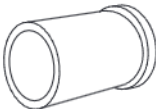
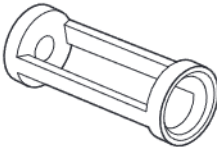
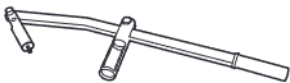
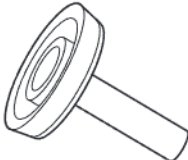


RCH0000061

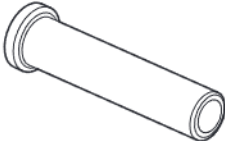
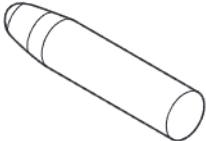
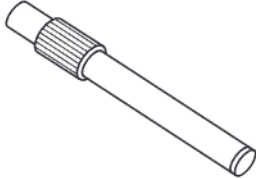
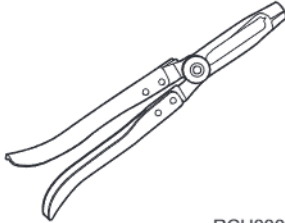
SQRE4G16 ENGINE MECHANICAL

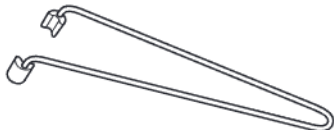
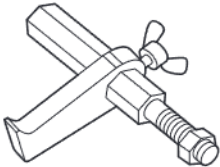
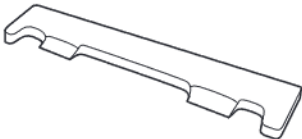
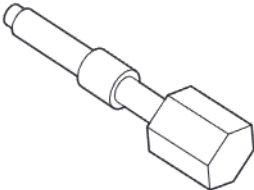
Tools

Special Tools

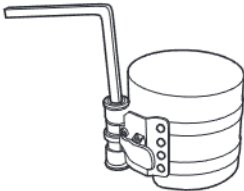
Crankshaft Front Oil Seal Guide Tool	 RCH0000049
Crankshaft Front Oil Seal Installer	 RCH0000067
Valve Spring Compression Adapter	 RCH0000050
Valve Spring Compressor	 RCH0000028
Crankshaft Rear Oil Seal Guide Tool	 RCH0000031

03

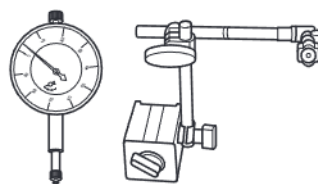
Crankshaft Rear Oil Seal Installer	 RCH0000070
Valve Oil Seal Installer	 RCH0000034
Valve Oil Seal Guide Sleeve	 RCH0000035
Clutch Pressure Plate Installer	 RCH0000018
Valve Oil Seal Remover	 RCH0000037

Valve Cotter Installer	 RCH0000029
Flywheel Holding Tool	 RCH0000040
Camshaft Timing Tool	 RCH0000033
Crankshaft Timing Tool	 RCH0000027

General Tools

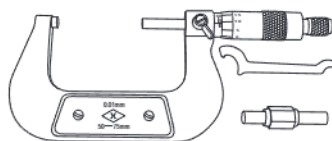
Piston Installer	 RCH0000039
------------------	--

Dial Indicator and Magnetic Holder



RCH0000023

Outer Diameter Micrometer



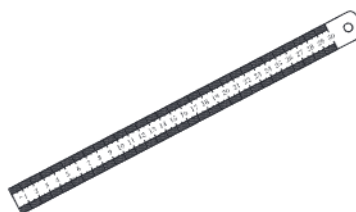
RCH0000064

Vernier Caliper



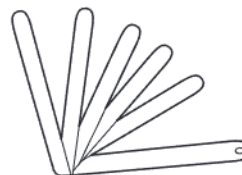
RCH0000019

Precision Straightedge



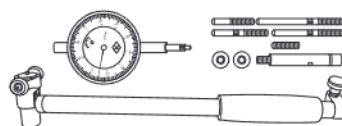
RCH0000063

Feeler Gauge



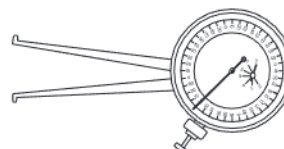
RCH0000060

Cylinder Gauge



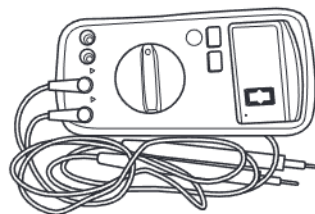
RCH0000065

Caliper Gauge



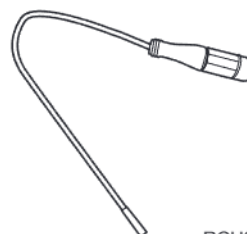
RCH0000069

Digital Multimeter



RCH0000002

Flexional Magnetic Rod



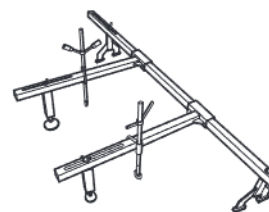
RCH0000042

Engine Hoist



RCH0000043

Engine Equalizer



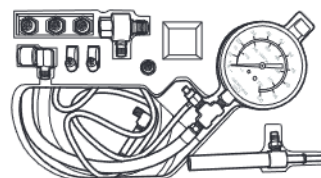
RCH0000026

Transmission Carrier



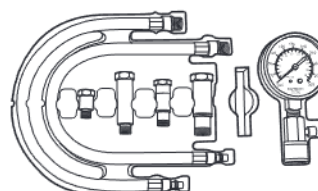
RCH0000005

Fuel System Pressure Tester



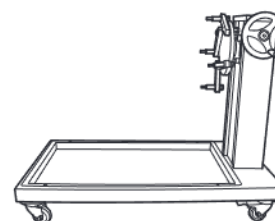
RCH0000048

Cylinder Pressure Gauge



RCH0000044

Engine Service Platform

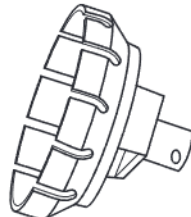


RCH0000057

SQRE4G16 FUEL SUPPLY SYSTEM

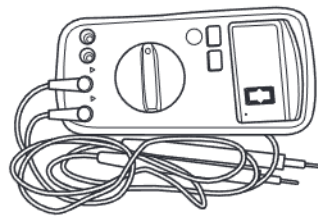
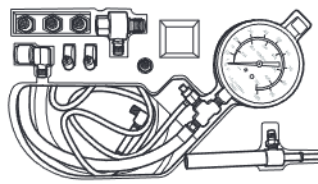
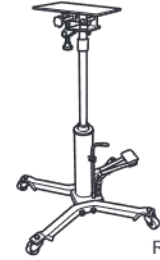
Tools

Special Tool

Fuel Pump Pressure Cap Remover	 RCH0000004
--------------------------------	---

03

General Tools

Digital Multimeter	 RCH0000002
Fuel System Pressure Tester	 RCH0000048
Transmission Carrier	 RCH0000005

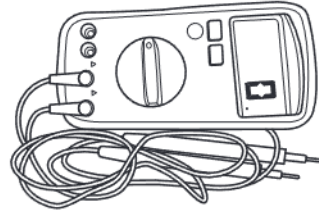
SQRE4G16 EMISSION CONTROL SYSTEM

Tool

General Tool

03

Digital Multimeter

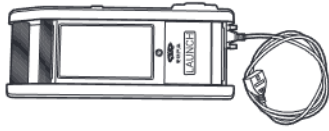


RCH0000002

SQRE4G16 INTAKE SYSTEM

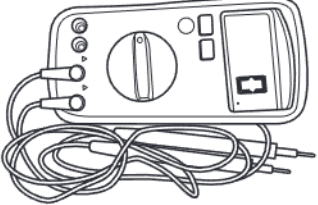
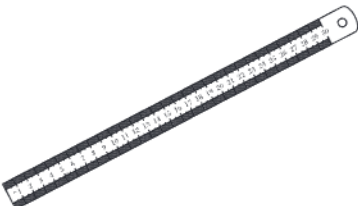
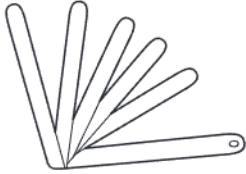
Tools

Special Tool

X-431 3G Diagnostic Tester	 RCH0000001
----------------------------	--

03

General Tools

Digital Multimeter	 RCH0000002
Precision Ruler	 RCH0000063
Feeler Gauge	 RCH0000060

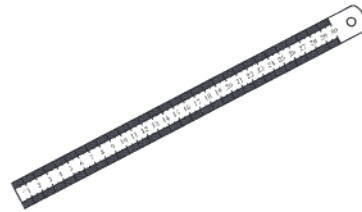
SQRE4G16 EXHAUST SYSTEM

Tools

General Tools

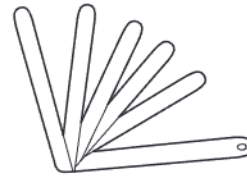
03

Precision Ruler



RCH0000063

Feeler Gauge

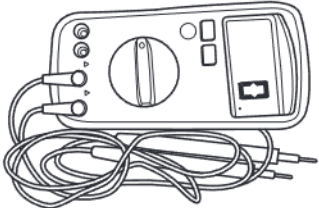
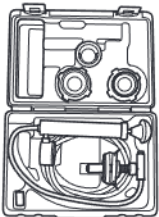
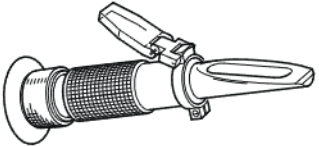


RCH0000060

SQRE4G16 COOLING SYSTEM

Tools

General Tools

Digital Multimeter	 RCH0000002
Cooling System Pressure Tester	 RCH0000055
Freezing Point Tester	 RCH0000007

03

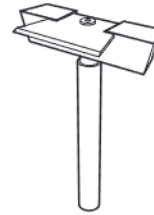
SQRE4G16 LUBRICATION SYSTEM

Tools

Special Tool

03

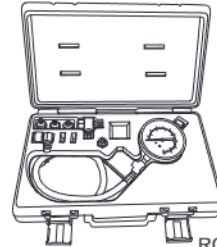
Oil Pan Remover and Scraper



RCH0000056

General Tool

Oil Pressure Tester



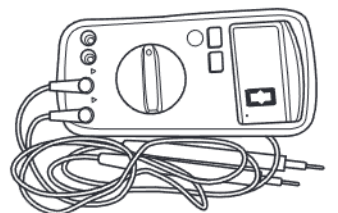
RCH0000006

SQRE4G16 IGNITION SYSTEM

Tool

General Tool

Digital Multimeter



RCH0000002

03

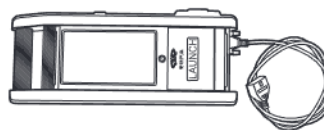
SQRE4G16 STARTING SYSTEM

Tools

Special Tool

03

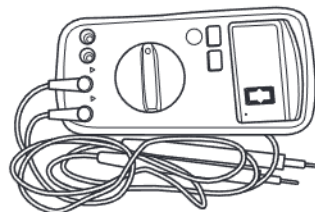
X-431 3G Diagnostic Tester



RCH0000001

General Tool

Digital Multimeter



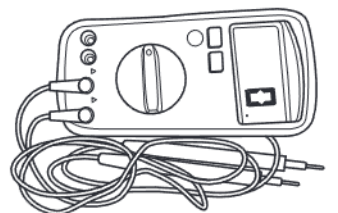
RCH0000002

SQRE4G16 CHARGING SYSTEM

Tool

General Tool

Digital Multimeter



RCH0000002

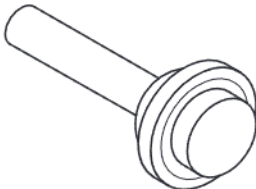
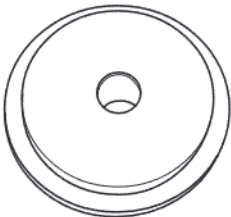
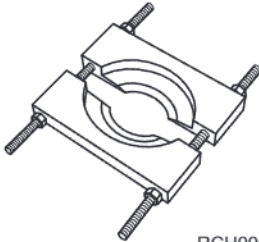
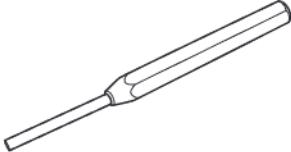
03

QR525MHE TRANSMISSION

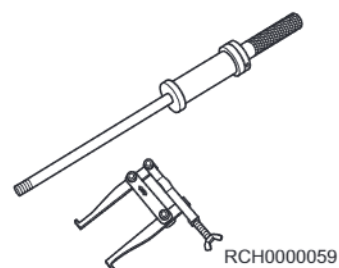
Tools

Special Tools

03

Input Shaft Oil Seal Installer	 RCH0000008
Differential Oil Seal Installer	 RCH0000009
Installer Joint	 RCH0000010
Bearing Remover	 RCH0000011
Punch	 RCH0000015

Puller



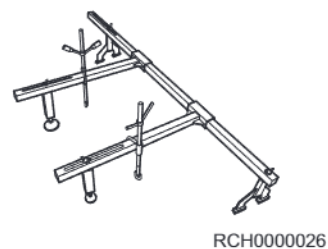
03

General Tools

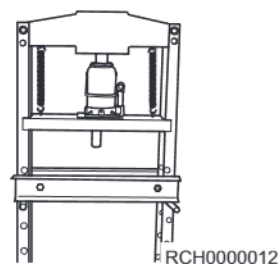
Transmission Carrier



Engine Equalizer



Hydraulic Press



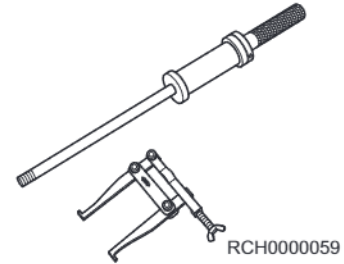
QR019CHB CVT

Tools

Special Tools

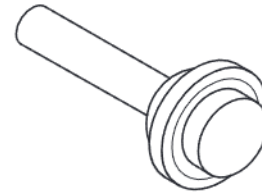
03

Puller



RCH0000059

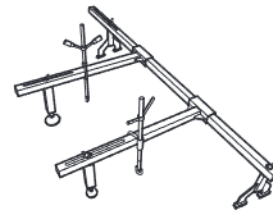
Differential Oil Seal Installer



RCH0000009

General Tools

Engine Equalizer



RCH0000026

Transmission Carrier



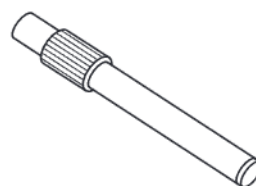
RCH0000005

CLUTCH

Tools

Special Tool

Clutch Pressure Plate Installer



RCH0000018

03

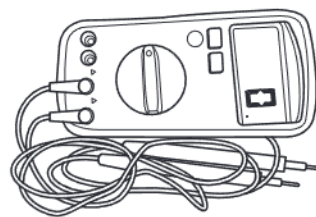
General Tools

Vernier Caliper



RCH0000019

Digital Multimeter



RCH0000002

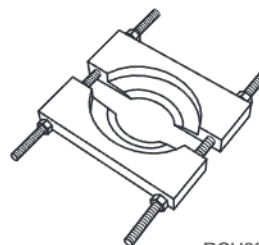
DIFFERENTIAL

Tools

Special Tools

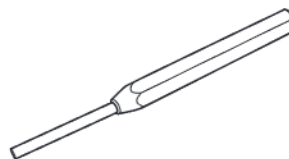
03

Bearing Remover



RCH0000011

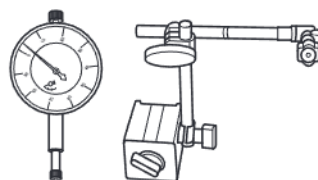
Punch



RCH0000015

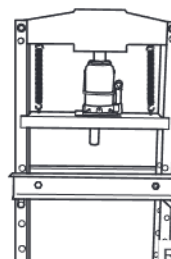
General Tools

Dial Indicator and Magnetic Holder



RCH0000023

Hydraulic Press



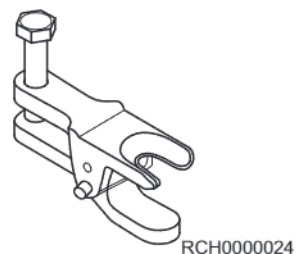
RCH0000012

AXLE

Tools

Special Tool

Ball Pin Separator

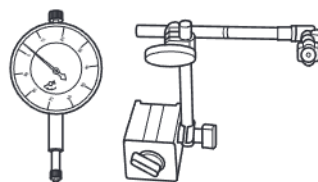


RCH0000024

03

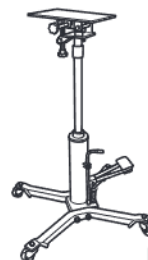
General Tools

Dial Indicator and Magnetic Holder



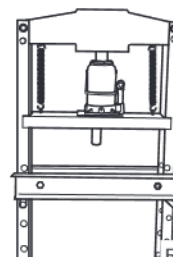
RCH0000023

Transmission Carrier



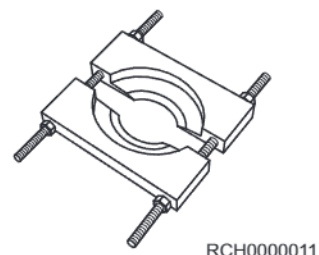
RCH0000005

Hydraulic Press



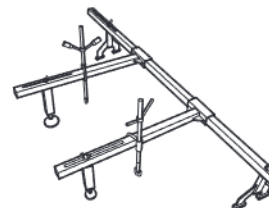
RCH0000012

Bearing Remover



RCH0000011

Engine Equalizer

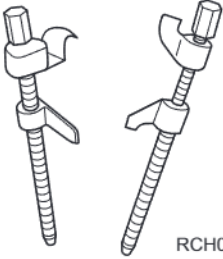
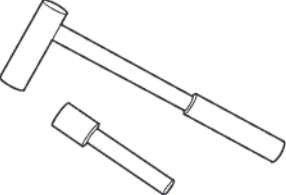


RCH0000026

SUSPENSION

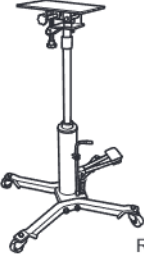
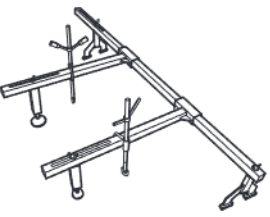
Tools

Special Tools

Spring Compressor	 RCH0000021
Shock Absorber Nut Remover	 RCH0000022

03

General Tools

Transmission Carrier	 RCH0000005
Engine Equalizer	 RCH0000026

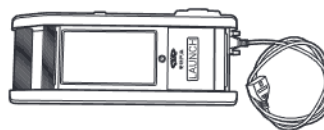
BRAKE CONTROL SYSTEM

Tools

Special Tool

03

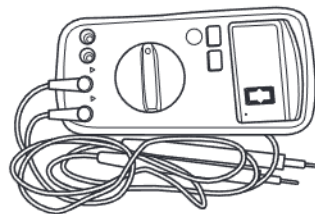
X-431 3G Diagnostic Tester



RCH0000001

General Tool

Digital Multimeter



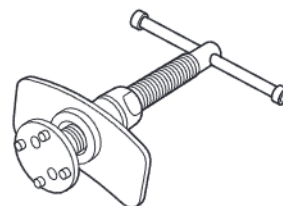
RCH0000002

BRAKE

Tools

Special Tool

Brake Caliper Piston Pressing Tool

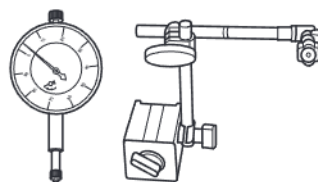


RCH0000053

03

General Tools

Dial Indicator and Magnetic Holder



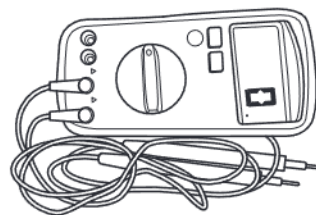
RCH0000023

Vernier Caliper



RCH0000019

Digital Multimeter



RCH0000002

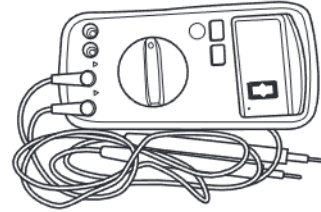
PARKING BRAKE

Tools

General Tools

03

Digital Multimeter



RCH0000002

Vernier Caliper

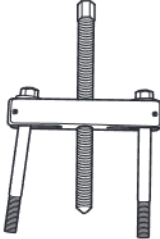
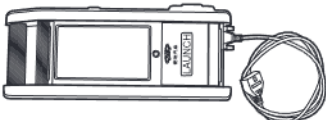


RCH0000019

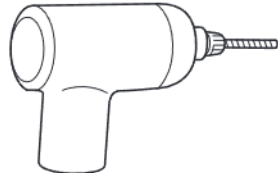
STEERING COLUMN

Tools

Special Tools

Steering Wheel Remover	 RCH0000014
X-431 3G Diagnostic Tester	 RCH0000001

General Tool

Electric Drill	 RCH0000013
----------------	--

03

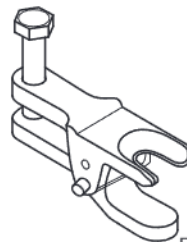
HYDRAULIC ASSIST STEERING

Tool

Special Tool

03

Ball Pin Separator

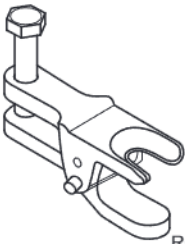
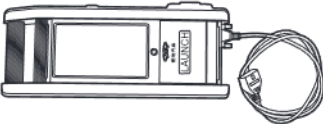


RCH0000024

ELECTRONIC POWER STEERING

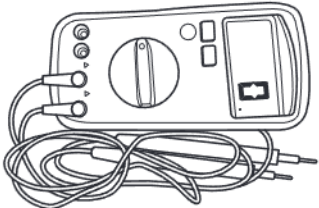
Tools

Special Tools

Ball Pin Separator	 RCH0000024
X-431 3G Diagnostic Tester	 RCH0000001

03

General Tool

Digital Multimeter	 RCH0000002
--------------------	--

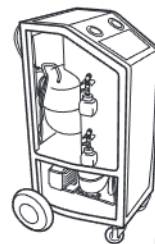
AIR CONDITIONING

Tools

General Tools

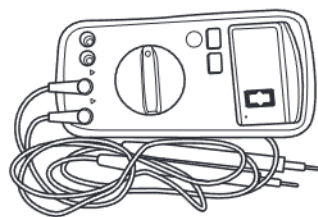
03

Refrigerant Recycling Machine



RCH0000046

Digital Multimeter



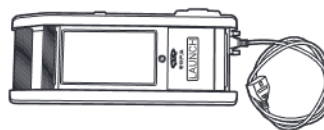
RCH0000002

SUPPLEMENTAL RESTRAINT SYSTEM

Tools

Special Tool

X-431 3G Diagnostic Tester

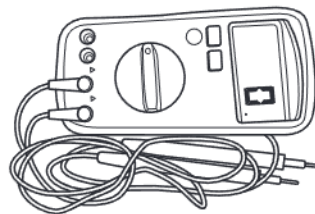


RCH0000001

03

General Tool

Digital Multimeter



RCH0000002

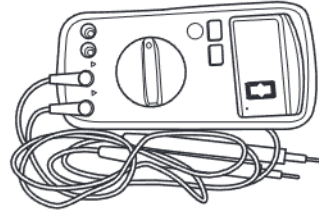
SEAT BELT

Tool

General Tool

03

Digital Multimeter



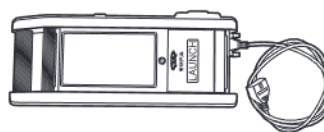
RCH0000002

ENGINE IMMOBILIZER

Tools

Special Tool

X-431 3G Diagnostic Tester

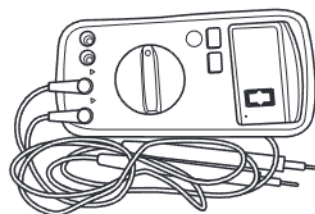


RCH0000001

03

General Tool

Digital Multimeter



RCH0000002

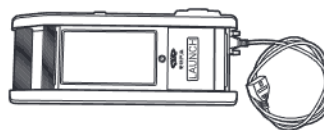
CONSTANT SPEED CRUISE SYSTEM

Tools

Special Tool

03

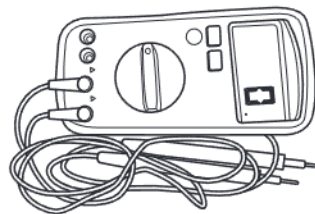
X-431 3G Diagnostic Tester



RCH0000001

General Tool

Digital Multimeter



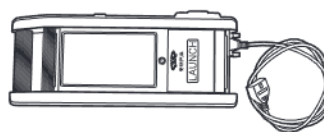
RCH0000002

LIGHTING SYSTEM

Tools

Special Tool

X-431 3G Diagnostic Tester

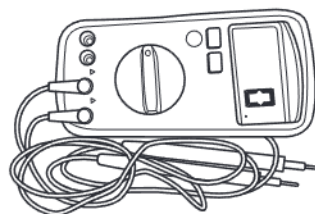


RCH0000001

03

General Tool

Digital Multimeter



RCH0000002

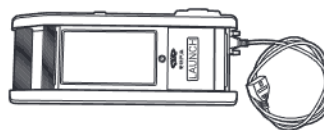
WIPER AND WASHER

Tools

Special Tool

03

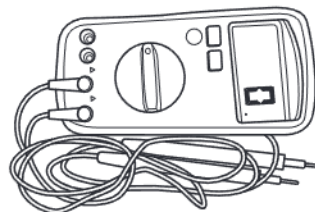
X-431 3G Diagnostic Tester



RCH0000001

General Tool

Digital Multimeter



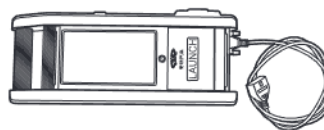
RCH0000002

DOOR LOCK

Tools

Special Tool

X-431 3G Diagnostic Tester

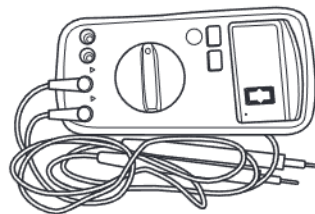


RCH0000001

03

General Tool

Digital Multimeter



RCH0000002

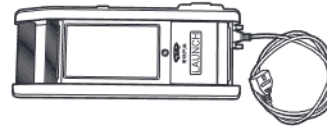
INSTRUMENT CLUSTER

Tools

Special Tool

03

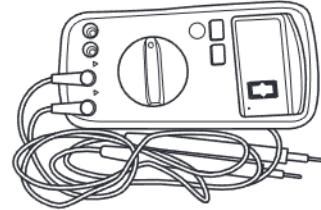
X-431 3G Diagnostic Tester



RCH0000001

General Tool

Digital Multimeter



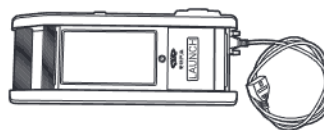
RCH0000002

AUDIO/VISUAL SYSTEM

Tools

Special Tool

X-431 3G Diagnostic Tester

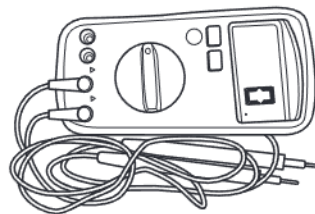


RCH0000001

03

General Tool

Digital Multimeter



RCH0000002

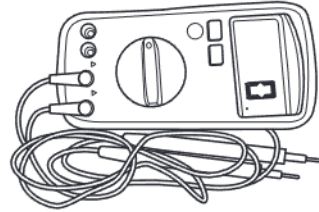
REVERSING RADAR SYSTEM

Tool

General Tool

03

Digital Multimeter



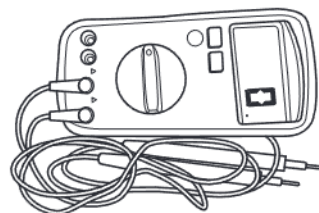
RCH0000002

HORN

Tool

General Tool

Digital Multimeter



RCH0000002

03

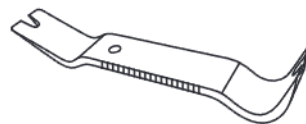
WINDSHIELD/WINDOW GLASS

Tools

Special Tools

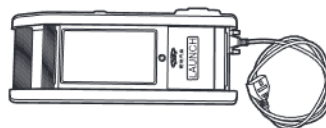
03

Interior Crow Plate



RCH0000025

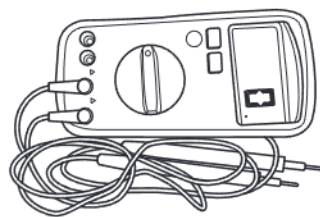
X-431 3G Diagnostic Tester



RCH0000001

General Tool

Digital Multimeter



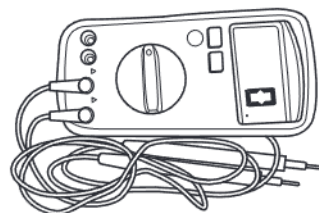
RCH0000002

REAR VIEW MIRROR

Tool

General Tool

Digital Multimeter



RCH0000002

03

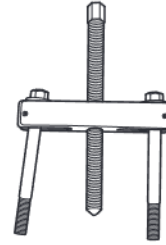
INSTRUMENT PANEL

Tool

Special Tool

03

Steering Wheel Remover



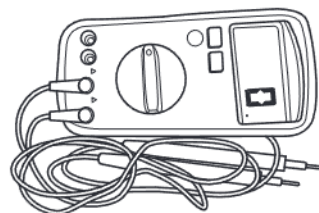
RCH0000014

SEAT

Tool

General Tool

Digital Multimeter



RCH0000002

03

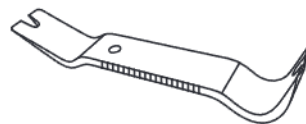
ENGINE HOOD/DOOR

Tool

General Tool

03

Interior Crow Plate



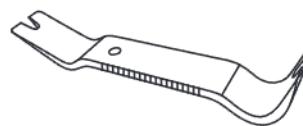
RCH0000025

EXTERIOR

Tool

General Tool

Interior Crow Plate



RCH0000025

03

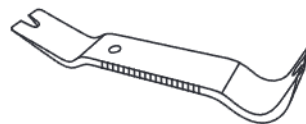
INTERIOR

Tool

Special Tool

03

Interior Crow Plate



RCH0000025

