



Systems

ENZ12XEP Engine Z12XEP, Motronic 7.6.1

ENZ14XEP Engine Z14XEP, Motronic 7.6.1

Components

A40 Ignition coil - Direct ignition

K26 Relay - Engine control unit

A84B Control unit - Motronic

K35 Relay - Fuel pump

A111 Throttle valve - Positioner

L2A Injection valve - Cylinder 1

B1_Y21 Sensor - Twinport position

L2B Injection valve - Cylinder 2

B39 Sensor - Temperature, coolant

L2C Injection valve - Cylinder 3

B57 Sensor - Oxygen, catalytic converter check

L2D Injection valve - Cylinder 4

B65 Sensor - Knock control

Y1_Y21 Solenoid valve - Twinport

B69 Air mass meter

Y21 Assembly unit - Twinport

B166 Sensor - Oxygen, mixture control, heated

Y56 Solenoid valve - Exhaust gas recirculation

F33 Fuse

Y57 Solenoid valve - Tank ventilation

Connectors

X18 Body front & Engine

X54 Engine & Control unit - Motronic X54

X53 Body front & Control unit - Motronic X53

Grounding Points

12 Engine

Abbreviations

15 Ignition voltage

F30 Fuse F30

15A 15 Ampere

F46 Fuse F46

20A	20 Ampere	KSP	Fuel Pump
30	Constant voltage	PPS	Pedal position sensor
F9	Fuse F9		

Color codes

BK	Black	RD	Red
BN	Brown	RDBK	Red-Black
BNBK	Brown-Black	RDBU	Red-Blue
BNBU	Brown-Blue	RDWH	Red-White
BNRD	Brown-Red	WH	White
BNWH	Brown-White	WHGN	White-Green
BU	Blue	WHYE	White-Yellow
GN	Green	YE	Yellow
GY	Gray		



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Components

A84B Control unit - Motronic

B30 Impulse sensor - Crankshaft

B18 Sensor - Pressure, air conditioning

S87 Switch - Oil pressure

B28 Sensor - Camshaft

Connectors

X11 Body front & Blower

X54 Engine & Control unit - Motronic X54

X53 Body front & Control unit - Motronic X53

X102 Engine & Control unit - Motronic X102

Grounding Points

12 Engine

Abbreviations

7.5A 7.5 Ampere

F2 Fuse F2

15 Ignition voltage

F30 Fuse F30

15A 15 Ampere

GID Graphic Info Display

30 Constant voltage

IMO Immobiliser

ABS Anti-Lock Brake System

KSP Fuel Pump

AC Air conditioning

MK Engine cooling

BCM Body control module

MTA Manual transmission automatically shifted

CLS Clutch switch

SLS Stop lamp switch

CRC Cruise control

WEG Vehicle speed signal

EPS Electrical power steering

Color codes

BK	Black	BNWH	Brown-White
BKBN	Black-Brown	BNYE	Brown-Yellow
BKWH	Black-White	BU	Blue
BKYE	Black-Yellow	BUBK	Blue-Black
BN	Brown	BURD	Blue-Red
BNBK	Brown-Black	GN	Green
BNBU	Brown-Blue	GY	Gray
BNRD	Brown-Red	RD	Red
BNVT	Brown-Violet	WH	White