

2010 ENGINE

Engine Mechanical - 2.8L, 3.0L, 3.2L, or 3.6L - Equinox & Terrain

SCHEMATIC AND ROUTING DIAGRAMS

TIMING CHAIN ALIGNMENT DIAGRAM

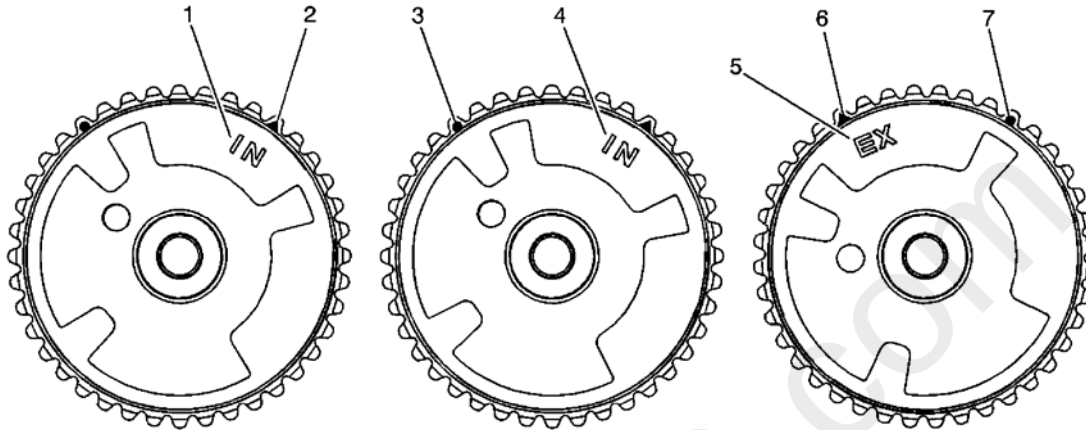


Fig. 1: Camshaft Position Actuator Timing Marks
Courtesy of GENERAL MOTORS CORP.

Callout	Component Name
1	Right Intake Camshaft Position Actuator Identifier
2	Right Intake Camshaft Position Actuator Right Side Timing Mark - Triangle
3	Left Intake Camshaft Position Actuator Left Side Timing Mark - Circle
4	Left Intake Camshaft Position Actuator Identifier
5	Exhaust Camshaft Position Actuator Identifier
6	Exhaust Camshaft Position Actuator Right Side Timing Mark - Triangle
7	Exhaust Camshaft Position Actuator Left Side Timing Mark - Circle

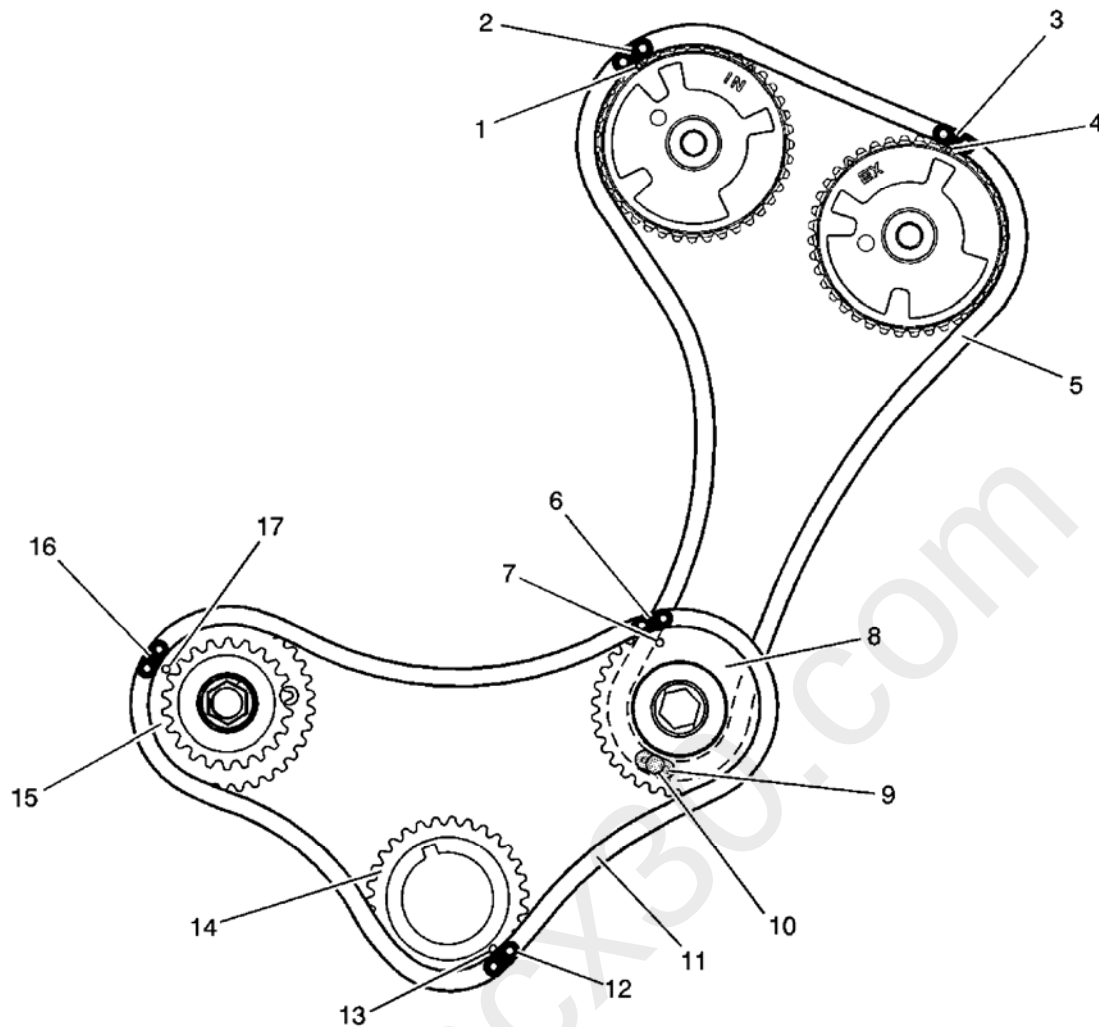


Fig. 2: Stage One
Courtesy of GENERAL MOTORS CORP.

Callout	Component Name
1	Left Intake Camshaft Position (CMP) Actuator Timing Mark - Circle
2	Left Intake Secondary Camshaft Timing Drive Chain Timing Link
3	Left Exhaust Secondary Camshaft Timing Drive Chain Timing Link
4	Left Exhaust Camshaft Position (CMP) Actuator Timing Mark - Circle
5	Left Secondary Camshaft Timing Drive Chain
6	Primary Camshaft Drive Chain Timing Link for the Left Primary Camshaft Intermediate Drive Chain Sprocket
7	Left Primary Camshaft Intermediate Drive Chain Sprocket Timing Mark for the Primary Camshaft Drive Chain
8	Left Primary Camshaft Intermediate Drive Chain Sprocket
9	Left Secondary Camshaft Timing Drive Chain Timing Link for the Left Primary

2	Left Intake Secondary Camshaft Timing Drive Chain Timing Link
3	Left Exhaust Secondary Camshaft Timing Drive Chain Timing Link
4	Left Exhaust Camshaft Position (CMP) Actuator Timing Mark - Circle
5	Left Secondary Camshaft Timing Drive Chain
6	Primary Camshaft Drive Chain Timing Link for the Left Primary Camshaft Intermediate Drive Chain Sprocket
7	Left Primary Camshaft Intermediate Drive Chain Sprocket Timing Mark for the Primary Camshaft Drive Chain
8	Left Primary Camshaft Intermediate Drive Chain Sprocket
9	Left Secondary Camshaft Timing Drive Chain Timing Link for the Left Primary Camshaft Intermediate Drive Chain Sprocket, behind hole in sprocket
10	Left Primary Camshaft Intermediate Drive Chain Sprocket Timing Window
11	Primary Camshaft Drive Chain
12	Primary Camshaft Drive Chain Timing Link for the Crankshaft Sprocket
13	Crankshaft Sprocket Timing Mark
14	Crankshaft Sprocket
15	Right Primary Camshaft Intermediate Drive Chain Sprocket
16	Primary Camshaft Drive Chain Timing Link for the Right Primary Camshaft Intermediate Drive Chain Sprocket
17	Right Primary Camshaft Intermediate Drive Chain Sprocket Timing Mark for the Primary Camshaft Drive Chain
18	Right Primary Camshaft Intermediate Drive Chain Sprocket Timing Mark/Window for the Right Secondary Camshaft Timing Drive Chain
19	Right Secondary Camshaft Timing Drive Chain Timing Link for the Right Primary Camshaft Intermediate Drive Chain Sprocket
20	Right Secondary Camshaft Timing Drive Chain
21	Right Exhaust Camshaft Position (CMP) Actuator Timing Mark - Triangle
22	Right Exhaust Secondary Camshaft Timing Drive Chain Timing Link
23	Right Intake Secondary Camshaft Timing Drive Chain Timing Link
24	Right Intake Camshaft Position (CMP) Actuator Timing Mark - Triangle