MEVOTECH

CMS501133/34 CONTROL ARM PATENTED SOLUTIONS



2015-2011 Chevrolet Volt



2016-2011 Chevrolet Cruze

SUPREME™



CMS501133

Hardware included for complete install

Mevotech's patented BiMetallic technology is the superior solution for extended service life front lower control arms for GM compact sedans based on the Delta II platform.

- Exclusive patented BiMetallic technology allows greaseable sintered bearings to be integrated within unitized aluminum control arms *(US patent N° 8757648)*
- Sintered bearings and enhanced forging profile optimize performance and assembly strength
- Engineered for increased durability under all service conditions

X Factor LaborSaver

MEVOTECH
PREMIUM PROGRAM

CMS501133 / CMS501134
CONTROL ARM

- The GM Delta II platform underpins several compact car applications equipped with varying drivetrain options
- The same base front lower control arm is utilized by the OEM for all compact car applications, although the varying drivetrain options may impart different loading and stressing factors on the vehicle suspension system. The below infographic represents the most common compact car drivetrain options and the range of torque output and vehicle weight
- The wide range of torque output and weight found across the different vehicle models requires an engineered solution for improved part service life



2015 CHEVROLET CRUZE LS 1.8L (BASE)
125 LB-FT (169 N-M) @ 3800 RPM
3084 lbs (1399 kgs)

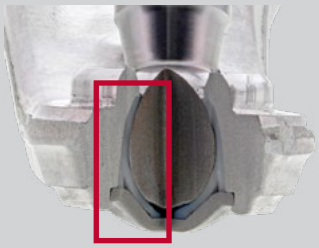


2015 CHEVROLET CRUZE 2.0L TURBO DIESEL
264 LB-FT (358 N-M) @ 2600 RPM
111% *more torque than Base model*
3471 lbs (1574 kgs) ***13%*** *more weight than Base model*

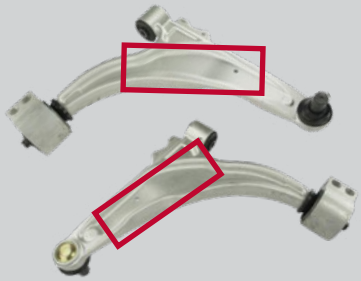


2015 CHEVROLET VOLT
273 LB-FT (370 N-M) @ 0 RPM (Electric Drive)
118% *more torque than Base model*
3786 lbs (1717 kgs) ***23%*** *more weight than Base model*

Originally Equipped Control Arm

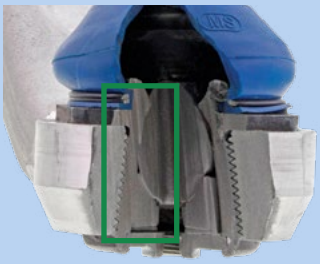


OE-STYLE PLASTIC BEARING
Proximity to high heat sources, such as brake components and higher loads can lead to premature failure of the bearing

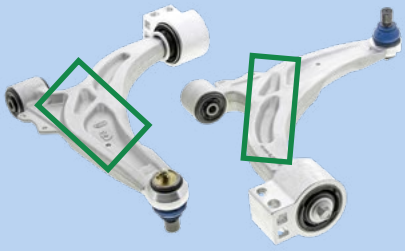


FORGING PROFILE
Standard profile

Mevotech's Patented Solution



BIMETALLIC TECHNOLOGY
Enables ball joint with upgraded greaseable sintered bearings to be threaded into unitized aluminum control arms. greaseable, self-lubricating sintered bearings provide increased wear resistance and improved performance



REINFORCED DESIGN
Cross-bracing and improved forging profile increases strength and rigidity to reduce stress on bushing and ball joint

SUPREME™

Control Arms also feature:

- Greaseable self-lubricating sintered bearings
- Application-specific ball studs with added material
- Thicker forged construction
- Hardware and pre-installed components for quick fitting



Part Number	Position	Application
CMS501133	Front Left Lower	2017-2012 Buick Verano 2015-2011 Chevrolet Cruze & 2016 Chevrolet Cruze Limited
CMS501134	Front Right Lower	2015-2011 Chevrolet Volt

2346-E