



WHAT YOU NEED TO KNOW: MULTI-LINK SUSPENSIONS & CONTROL ARM PROLIFERATION



OEMs are increasingly using multi-link suspension setups. Multi-link suspensions provide better vehicle response and handling, better isolation from road noise and a consistently “ideal” wheel position, as each wheel may move independently. The increased use of multi-link suspensions means potentially replacing a growing number of control arms. See below how control arm count has increased over time on some common vehicles.

Mevotech has you covered with:

- Engineered and patented control arm repair solutions which improve part service life and make install easier
- Expansive and comprehensive control arm coverage for late and early models
- With more control arm part numbers, the Professional Technician can rely on Mevotech as a repair alternative

HONDA CIVIC



2012 Honda Civic
2 Front Control Arms
4 Rear Control & Trailing Arms

**67%
INCREASE**



2020 Honda Civic
2 Front Control Arms
8 Rear Control & Trailing Arms
& Lateral Links

BMW 3 SERIES SEDAN



2004 BMW 3 Series Sedan
2 Front Control Arms
4 Rear Control & Trailing Arms
& Lateral Links

**133%
INCREASE**



2019 BMW 3 Series Sedan
4 Front Control Arms
10 Rear Control & Trailing Arms
& Lateral Links

CHRYSLER 300



2004 Chrysler 300M
2 Front Control Arms
6 Rear Control & Trailing Arms
& Lateral Links

**75%
INCREASE**



2005-2022 Chrysler 300 RWD
6 Front Control Arms
8 Rear Control & Trailing Arms
& Lateral Links

CHEVROLET TAHOE & SUBURBAN



2000-2015 Chevrolet Tahoe & Suburban
4 Front Control Arms
5 Rear Control Arms & Track Bar

**33%
INCREASE**



2021 and newer Chevrolet Tahoe & Suburban
4 Front Control Arms
8 Rear Control & Trailing Arms
& Lateral Links

FORD MUSTANG



2000 Ford Mustang w/o IRS
2 Front Control Arms
4 Rear Control & Trailing Arms & Lateral Links

**50%
INCREASE**



2010 Ford Mustang
2 Front Control Arms
7 Rear Control & Trailing Arms & Lateral Links

**33%
INCREASE**



2020 Ford Mustang
4 Front Control Arms
8 Rear Control & Trailing Arms & Lateral Links

FORD EXPLORER



2001 Ford Explorer
4 Front Control Arms
0 Rear Control & Trailing Arms & Lateral Links

**100%
INCREASE**



2015 Ford Explorer
2 Front Control Arms
6 Rear Control & Trailing Arms & Lateral Links

**25%
INCREASE**



2021 and newer Ford Explorer
4 Front Control Arms
6 Rear Control & Trailing Arms & Lateral Links



Electric vehicles present many unique and complex suspension design challenges and opportunities. OEMs have so far chosen multi-link front and rear suspension setups for these vehicle types.



2012-2021 Tesla Model S
6 Front Control Arms
8 Rear Control & Trailing Arms
& Lateral Links



2012-2021 Tesla Model 3
6 Front Control Arms
10 Rear Control & Trailing Arms
& Lateral Links



2012-2021 Tesla Model X
6 Front Control Arms
8 Rear Control & Trailing Arms
& Lateral Links



2022 Ford F-150 Lightning
(First F-150 with an independent rear suspension)
4 Front Control Arms
2 Rear Trailing Arms