

## 2021 M-Series FAQs

### What's improved or has changed on the new M3/M5 Corpus®?

In addition to the updated shroud design and colour options, the new M-Series features enhanced stability for a greater range of seating and power drive positions, new BodiLink positioning accessories and advanced battery technology that combines with the MyPermobil app to enable users to travel farther than ever before. We've also updated the M-Series with the new 2X more powerful LED lights and the new Corpus seat and backrest cushions that we introduced on the 2019 F-Series. For more information click [here](#).

### Are the new colours and shrouds available for older M-Series power wheelchairs?

No. The new shroud accent pieces utilise different attachment methods and are not interchangeable with older model M-Series chairs.

### What's the difference between FlexLink and FlexLink Pro suspension?

FlexLink offers unsurpassed mid-wheel drive stability and ride comfort, but the M5 Corpus with FlexLink Pro has an additional, dedicated shock for true independent drive wheel suspension.

### How is the FlexLink/FlexLink Pro suspension different from the original 2017 M-Series?

Since the original M-Series release, we've improved upon our mid-wheel drive stability with an optimised linear spring design to enable even greater freedom of movement and more power driving positions. FlexLink and FlexLink Pro suspension is factory optimised for user weight range, while still allowing field adjustability to accommodate user environment, preferences, and changes over time.

### Are there different shocks or shock settings for different user weights?

A heavy duty shock is now standard for user weights greater than 100kg (220 lb) on the M3 Corpus. Factory default shock settings on the M3 Corpus shock are as follows: less than 100kg (220 lb) = A [STANDARD], 100 - 120kg (220 - 265 lb) = B [HD], greater than 120kg (265 lb) = C [HD]. The M5 Corpus utilises one shock for all user weight ranges with the same settings as used on the M3. For vent tray applications, the HD shock is required on the M3 Corpus. A "C" shock setting should always be used when a ventilator tray is installed.



## Can the heavy duty shocks be swapped out on an older model M3 or M5?

The heavy duty shock can be field retrofitted on older M3 Corpus models. Due to its longer wheelbase, the M5 Corpus does not use a heavy duty shock for higher user weight ranges. The FlexLink Pro standard suspension can accommodate and be set for user weights up to 136kg (300 lb).

## Can the drive inhibits on my old M3/M5 Corpus be changed to match the new M-Series?

The improved power driving positions available on the new M-Series require factory installed and programmed components to ensure safety and stability. Additional electronic and mechanical components may be available to enable this functionality on an older M3 or M5 Corpus model depending upon configuration. Please contact your authorised dealer and/or Permobil technical support with a serial number to verify compatibility and obtain a price quote for these components and the labour required.

## Does the new M-Series allow end users to drive in more tilt or recline?

Yes. The new M-Series provides wheelchair users with even more freedom to move in a variety of driving positions to match their functional and environmental needs. Drive lock out has increased to 35 degrees of tilt on the M3/M5 Corpus for user weights up to 136kg (300 lb) at the lowest seat-to-floor height. On the M5 Corpus, end users under 100kg (220 lb) may drive in up to 40 degrees of tilt. Lowest seat height must be selected to achieve maximum power drive positions. Caution should be exercised when driving in tilted and reclined positions including on ramps, uneven surfaces or non-level terrain. Please refer to the owner's manual for additional safety warnings.

## How much tilt or recline can I drive in before "lock out" on an M3 Corpus?

Speed limitations are imposed when the total backrest angle is greater than 150 degrees or when seat is tilted forward more than 5 degrees. Drive is inhibited at 35 degrees of tilt for 17.5" seat heights and user weights up to 136kg (300 lb) [HD shock required for user weight greater than 100kg (220 lb)]. For taller seat heights, drive is inhibited at 25 degrees of tilt. Caution should be exercised when driving in tilted and reclined positions including on ramps, uneven surfaces or non-level terrain.

## How much tilt or recline can I drive in before "lock out" on an M5 Corpus?

Speed limitations are imposed when the total backrest angle is greater than 155 degrees or when the seat is tilted forward more than 5 degrees. Drive is inhibited at 40 degrees of tilt for 17.5" seat heights and user weights less than 100kg (220 lb). For taller seat heights and user weights greater than 100kg (220 lb), drive inhibit occurs at 35 degrees of tilt. Caution should be exercised when driving in tilted and reclined positions including on ramps, uneven surfaces or non-level terrain.

## How do you determine the amount of tilt/recline or other seating angles?

The MyPermobil app shows your seating angles in real-time to assist with daily activities like getting into your vehicles or transfers, so you can get in the right position every time.

## Can the new light kit be retrofittable to an older chair F- or M-Series?

No, the new LED light kit is not compatible with older chairs.

## How long do the LED lights last? Do the bulbs require replacement?

Excluding damage from impact or other incidents, the LED bulbs and light kit components are expected to last the lifetime of the power wheelchair.

### Download the MyPermobil App

