



## Introducing the New

Maytag® Commercial  
Top Load Washer

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## MAT23 Overview



# New Maytag® MAT23 Washer



3.3 cu.ft. Capacity

SKU's: PD, PR, CS, MN

**Available November 2023**

\*Pairs with existing MDE/G20\* dryers

## Enhanced Unbalance System

*Upgraded suspension and new algorithms work together to deliver reliable performance and fewer service calls.*

- **Upgraded Suspension Rods**

*Longer dampers and a softer spring rate better absorb vibration to power through tough loads.*

- **New Out-of-Balance Algorithm**

*Designed to rebalance difficult loads enabling optimal spin out and consistent results.*

## Continuing to deliver the features you expect:

- Deep Water Wash System
- Spin-Fill Wet Down
- Stainless Steel Wash Shaft & Bleach Vapor Protector
- Energy Efficient Cycle
- Intuitive-to-Use Control Panel
- Heavy Duty Cabinet with Removable Front Panel
- ½ HP Motor w/7 Rib Belt

# Out of balance (OOB) has been a leading cause of service calls and frustration



## What We Observed

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- ~20% of service calls “no problem found” and most often OOB
- Frustrated customers - clothes soaking wet

## Why It Was Happening

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- Underdetection of out of balance & ineffective response / rebalance routine
- Suspension struggled to handle persistent out of balance leading to errors

## Product Experience

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- OOB machine damage over time (e.g. balance rings, suspension rod, tub)

# What we did



## Product Upgrades

### New Suspension Rods



## What Changed

- Softer spring rate
- Longer damper

## Reliability Benefits

- Better energy absorption if OOB
- Enhanced control of tub & basket movement

### New Firmware & Algorithms



- OOB detection & redistribution routines
- Algorithm tuning with new suspension rods

- OOB detection improved significantly
- Detect, correct, & finish the cycle

# Prove It : Demo (Firmware & Algorithms)



What to look for in the video...

	V s		
		MAT20	MAT23
<b>Unbalance check</b> (:00-:10):		Two Times	Three Times ✓
<b>Stroke Action</b> (:35-1:30):		Long Stroke	Short Stroke <i>(better redistribution)</i> ✓
<b>Suds Logic</b> (1:30-1:46):		Suds routine / wetdown	No additional water needed ✓
<b>Spin Out</b> (2:00-end):		Agi-bolt wobbles <i>(not well balanced)</i>	Agi-bolt centered <i>(well balanced)</i> ✓

- ▶ **Better balancing** = Less energy dissipated through suspension, motor, belts, etc
- ▶ **Less energy dissipated** = Less component wear and heat generated
- ▶ **Less wear** = Longer life & less maintenance

▶ **MAT23 = Better TCO** ✓

# Prove It : Demo (Suspension Rods)



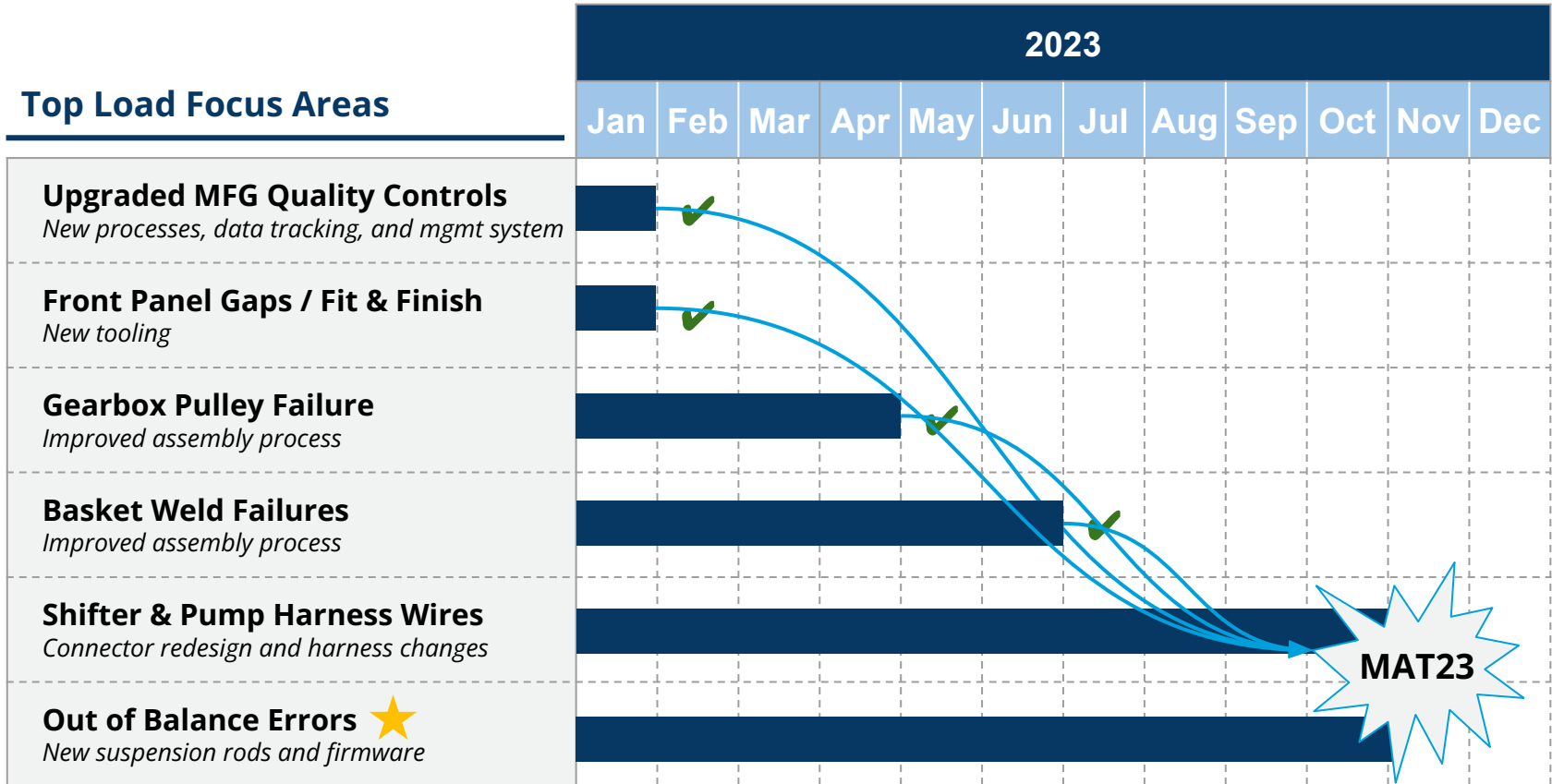
## Test Setup and Results

- Loaded machines with 5 ½ lb dry weights (below) to simulate 2-3 wet jeans balled up in one spot in basket
- Run final spin → **fewer and less severe cabinet hits** with the MAT23 compared to MAT20 (see video)

*Dry  
Weights:*



# New MAT23 - Includes Other Updates





# Maytag<sup>®</sup> Single-Load Model Line Up

Whirlpool Corporation Confidential





# SINGLE-LOAD TOP-LOAD WASHERS



## MAT23MN

- 3.3 cu. ft.
- 120V 60hz
- Non-Coin

### DURABILITY

- Heavy-Duty Steel Cabinet
- Full-Wrap Metal Console
- Premium Porcelain Top & Lid

### RELIABILITY

- Triple Lip Seal with Garter Spring
- Premium Bearings
- Stainless Steel Shaft

### POWERFUL PERFORMANCE

- Deep Water Wash System
- ½ HP PSC Motor
- Traditional Flex Vane Agitator
- Upgraded out-of-balance system

### SERVICE MADE EASY

- Heavy-Duty Removable Front Panel
- Easy Access Steel Base



## MAT23CS

- 3.3 cu. ft.
- 120V 60hz
- Coin-Slide Ready

### DURABILITY

- Heavy-Duty Steel Cabinet
- Full-Wrap Metal Console
- Premium Porcelain Top & Lid

### RELIABILITY

- Triple Lip Seal with Garter Spring
- Premium Bearings
- Stainless Steel Shaft

### POWERFUL PERFORMANCE

- Deep Water Wash System
- ½ HP PSC Motor
- Traditional Flex Vane Agitator
- Upgraded out-of-balance system

### SERVICE MADE EASY

- Heavy-Duty Removable Front Panel
- Easy Access Steel Base



## MAT23PD

- 3.3 cu. ft.
- 120V 60hz
- Coin-Drop Factory Installed

### DURABILITY

- Heavy-Duty Steel Cabinet
- Full-Wrap Metal Console
- Premium Porcelain Top & Lid

### RELIABILITY

- Triple Lip Seal with Garter Spring
- Premium Bearings
- Stainless Steel Shaft

### POWERFUL PERFORMANCE

- Deep Water Wash System
- ½ HP PSC Motor
- Traditional Flex Vane Agitator
- Upgraded out-of-balance system
- Multi-Level Pricing

### SERVICE MADE EASY

- Heavy-Duty Removable Front Panel
- Easy Access Steel Base
- Easy-to-Use Diagnostics



## MAT23PR

- 3.3 cu. ft.
- 120V 60hz
- Card-Reader Ready

### DURABILITY

- Heavy-Duty Steel Cabinet
- Full-Wrap Metal Console
- Premium Porcelain Top & Lid

### RELIABILITY

- Triple Lip Seal with Garter Spring
- Premium Bearings
- Stainless Steel Shaft

### POWERFUL PERFORMANCE

- Deep Water Wash System
- ½ HP PSC Motor
- Traditional Flex Vane Agitator
- Upgraded out-of-balance system
- Multi-Level Pricing

### SERVICE MADE EASY

- Heavy-Duty Removable Front Panel
- Easy Access Steel Base
- Easy-to-Use Diagnostics

# SINGLE-LOAD TOP-LOAD MATCHING ELECTRIC / GAS DRYERS



## MDE20MN MDG20MN

- 7.4 cu. ft.
- 120V 60hz (MDG)
- 208-240V 60hz (MDE)
- Non-Coin

### DURABILITY

- Window option (50hz gas only)
- Heavy-Duty Steel Cabinet
- Premium Porcelain Enamel Top
- Full-Wrap Console

### RELIABILITY

- Four-Roller Suspension with Permanently Lubricated Bearings
- Metal Pulley on Motor
- Sealed Bearings

### POWERFUL PERFORMANCE

- Extra-Large Capacity

### SERVICE MADE EASY

- Front-Access Panel



## MDE20CS MDG20CS

- 7.4 cu. ft.
- 120V 60hz (MDG)
- 208-240V 60hz (MDE)
- Coin-Slide Ready

### DURABILITY

- Heavy-Duty Steel Cabinet
- Premium Porcelain Enamel Top
- Full-Wrap Console

### RELIABILITY

- Four-Roller Suspension with Permanently Lubricated Bearings
- Metal Pulley on Motor
- Sealed Bearings

### POWERFUL PERFORMANCE

- Extra-Large Capacity

### SERVICE MADE EASY

- Front-Access Panel



## MDE20PD MDG20PD

- 7.4 cu. ft.
- 120V 60hz (MDG)
- 208-240V 60hz (MDE)
- Coin-Drop Factory Installed

### DURABILITY

- Heavy-Duty Steel Cabinet
- Premium Porcelain Enamel Top
- Full-Wrap Console

### RELIABILITY

- Four-Roller Suspension with Permanently Lubricated Bearings
- Metal Pulley on Motor
- Sealed Bearings

### POWERFUL PERFORMANCE

- Extra-Large Capacity

### SERVICE MADE EASY

- Front-Access Panel
- Easy-to-Use Diagnostics



## MDE20PR MDG20PR

- 7.4 cu. ft.
- 120V 60hz (MDG)
- 208-240V 60hz (MDE)
- Card-Reader Ready

### DURABILITY

- Heavy-Duty Steel Cabinet
- Premium Porcelain Enamel Top
- Full-Wrap Console

### RELIABILITY

- Four-Roller Suspension with Permanently Lubricated Bearings
- Metal Pulley on Motor
- Sealed Bearings

### POWERFUL PERFORMANCE

- Extra-Large Capacity

### SERVICE MADE EASY

- Front-Access Panel
- Easy-to-Use Diagnostics

# SINGLE-LOAD FRONT-LOAD WASHERS



## MHN33PD

- 3.1 cu. ft.
- 120V 60hz
- Coin-Drop Factory Installed

### DURABILITY

- Heavy-Duty Steel Cabinet
- Robust 180 Degree Door Hinge
- Premium Porcelain Enamel Top
- Energy Star® Certified

### RELIABILITY

- DuraCore Drive System
- Triple Lip Seal with Garter Spring
- Shaft Sleeve

### POWERFUL PERFORMANCE

- Advanced Spin Technology
- TurboWash™ System
- Multi-Level Pricing

### SERVICE MADE EASY

- Front-Access Panel
- Easy-to-Use Diagnostics



## MHN33PR

- 3.1 cu. ft.
- 120V 60hz
- Card-Reader Ready

### DURABILITY

- Heavy-Duty Steel Cabinet
- Robust 180 Degree Door Hinge
- Premium Porcelain Enamel Top
- Energy Star® Certified

### RELIABILITY

- DuraCore Drive System
- Triple Lip Seal with Garter Spring
- Shaft Sleeve

### POWERFUL PERFORMANCE

- Advanced Spin Technology
- TurboWash™ System
- Multi-Level Pricing

### SERVICE MADE EASY

- Front-Access Panel
- Easy-to-Use Diagnostics

# SINGLE-LOAD FRONT-LOAD MATCHING ELECTRIC & GAS DRYERS



## MDE28PD MDG28PD

- 6.7 cu. Ft.
- 120V 60hz (MDG)
- 208-240V 60hz (MDE)
- Coin-Drop Factory Installed

### DURABILITY

- Heavy-Duty Steel Cabinet
- Premium Porcelain Enamel Top

### RELIABILITY

- Four-Roller Suspension with Permanently Lubricated Bearings
- Metal Pulley on Motor
- Sealed Bearing

### POWERFUL PERFORMANCE

- Extra-Large Capacity
- TurboVent® Technology

### SERVICE MADE EASY

- Front-Access Panel
- Easy-to-Use Diagnostics



## MDE28PR MDG28PR

- 6.7 cu. ft.
- 120V 60hz (MDG)
- 208-240V 60hz (MDE)
- Card-Reader Ready

### DURABILITY

- Heavy-Duty Steel Cabinet
- Premium Porcelain Enamel Top

### RELIABILITY

- Four-Roller Suspension with Permanently Lubricated Bearings
- Metal Pulley on Motor
- Sealed Bearing

### POWERFUL PERFORMANCE

- Extra-Large Capacity
- TurboVent® Technology

### SERVICE MADE EASY

- Front-Access Panel
- Easy-to-Use Diagnostics

# SINGLE-LOAD STACK WASHER / DRYERS



## MLE22PD MLG22PD

- 3.1 cu. ft. (washer)
- 6.7 cu. ft. (dryer)
- 120V 60hz (MLG)
- 208-240V 60hz (MLE)
- Coin-Drop Factory Installed

### DURABILITY

- Heavy-Duty Steel Cabinet
- Robust 180 Degree Door Hinge
- Energy Star® Certified Washer

### RELIABILITY

- DuraCore Drive System
- Triple Lip Seal with Garter Spring
- Shaft Sleeve
- Metal Pulley on Dryer Motor

### POWERFUL PERFORMANCE

- Advanced Spin Technology
- TurboWash™ System
- TurboVent® Technology
- Multi-Level Pricing (washer)

### SERVICE MADE EASY

- Front-Access Panel
- Easy-to-Use Diagnostics



## MLE22PR MLG22PR

- 3.1 cu. ft. (washer)
- 6.7 cu. ft. (dryer)
- 120V 60hz (MLG)
- 208-240V 60hz (MLE)
- Card-Reader Ready

### DURABILITY

- Heavy-Duty Steel Cabinet
- Robust 180 Degree Door Hinge
- Energy Star® Certified Washer

### RELIABILITY

- DuraCore Drive System
- Triple Lip Seal with Garter Spring
- Shaft Sleeve
- Metal Pulley on Dryer Motor

### POWERFUL PERFORMANCE

- Advanced Spin Technology
- TurboWash™ System
- TurboVent® Technology
- Multi-Level Pricing (washer)

### SERVICE MADE EASY

- Front-Access Panel
- Easy-to-Use Diagnostics

# SINGLE-LOAD STACK ELECTRIC / GAS DRYER / DRYERS



## MLE26PD MLG26PD

- 7.4 cu. ft. (each)
- 120V 60hz (MLG)
- 208-240V 60hz (MLE)
- Coin-Drop Factory Installed

### DURABILITY

- Heavy-Duty Steel Cabinet

### RELIABILITY

- Four-Roller Suspension with Permanently Lubricated Bearings
- Metal Pulley on Motor
- Sealed Bearing

### POWERFUL PERFORMANCE

- Extra-Large Capacity

### SERVICE MADE EASY

- Front-Access Panel
- Easy-to-Use Diagnostics



## MLE26PRB MLG26PRB

- 7.4 cu. ft. (each)
- 120V 60hz (MLG)
- 208-240V 60hz (MLE)
- Card-Reader Ready

### DURABILITY

- Heavy-Duty Steel Cabinet

### RELIABILITY

- Four-Roller Suspension with Permanently Lubricated Bearings
- Metal Pulley on Motor
- Sealed Bearing

### POWERFUL PERFORMANCE

- Extra-Large Capacity

### SERVICE MADE EASY

- Front-Access Panel
- Easy-to-Use Diagnostics



## MLE26PRK MLG26PRK

- 7.4 cu. ft. (each)
- 120V 60hz (MLG)
- 208-240V 60hz (MLE)
- Card-Reader Ready

### DURABILITY

- Heavy-Duty Steel Cabinet

### RELIABILITY

- Four-Roller Suspension with Permanently Lubricated Bearings
- Metal Pulley on Motor
- Sealed Bearing

### POWERFUL PERFORMANCE

- Extra-Large Capacity

### SERVICE MADE EASY

- Front-Access Panel
- Easy-to-Use Diagnostics



## MLE27PD MLG27PD

- 7.4 cu. ft. (each)
- 120V 60hz (MLG)
- 208-240V 60hz (MLE)
- Coin-Drop Factory Installed

### DURABILITY

- Heavy-Duty Steel Cabinet

### RELIABILITY

- Four-Roller Suspension with Permanently Lubricated Bearings
- Metal Pulley on Motor
- Sealed Bearing

### POWERFUL PERFORMANCE

- Extra-Large Capacity
- TurboVent® Technology

### SERVICE MADE EASY

- Front-Access Panel
- Easy-to-Use Diagnostics



## MLG27PR

- 7.4 cu. ft. (each)
- 120V 60hz
- Card-Reader Ready

### DURABILITY

- Heavy-Duty Steel Cabinet

### RELIABILITY

- Four-Roller Suspension with Permanently Lubricated Bearings
- Metal Pulley on Motor
- Sealed Bearing

### POWERFUL PERFORMANCE

- Extra-Large Capacity
- TurboVent® Technology

### SERVICE MADE EASY

- Front-Access Panel
- Easy-to-Use Diagnostics