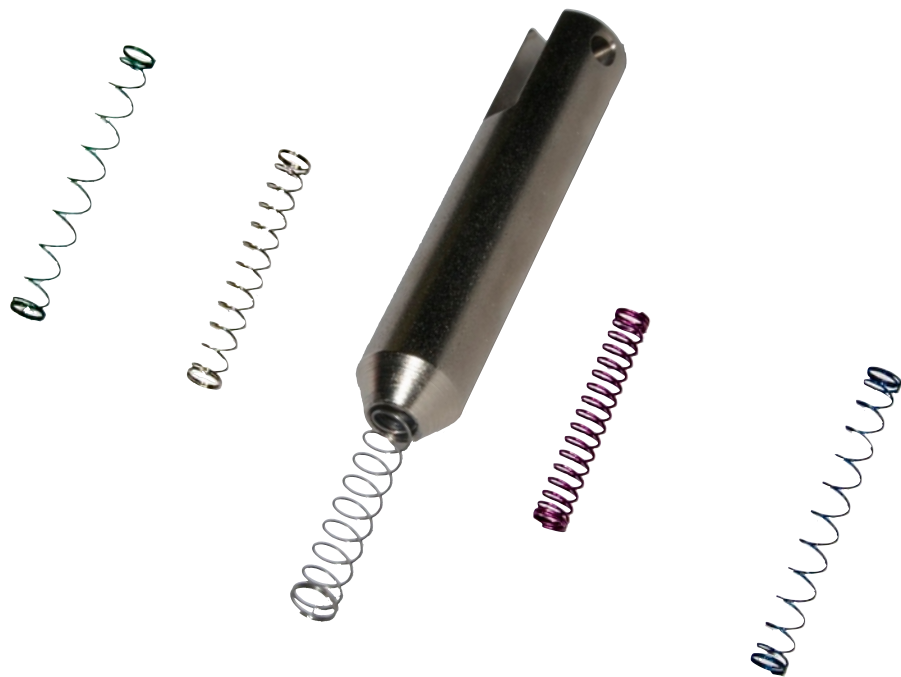




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Solenoid Spring Kits



- Perfect for application development
- Economical for prototype designs
- Multiple springs included with a range of spring forces
- Springs are color coded for easy recognition
- Kits for pull type solenoids include plunger/actuator
- Kits include necessary hardware

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TUBULAR SOLENOIDS

| Tubular Series | T12X19 | T12X13 | T8X16 | T8X9 | T6X12 | T4X16 | T4X12 | T4X7 | T3.5X9 |
|----------------|--------|--------|-------|------|-------|-------|-------|------|--------|
|----------------|--------|--------|-------|------|-------|-------|-------|------|--------|

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| Kit Number | A490-367460-00 | A490-367460-01 | A490-367460-02 | A490-367460-03 | A490-367460-04 | A490-367460-05 | A490-367460-06 | A490-367460-07 | A490-367460-08 |
| Plunger | 104-040351-03 | 104-040351-01 | 104-030420-02 | 104-030420-03 | 104-000333-01 | 104-000568-03 | 104-000568-02 | 104-000568-01 | 104-000502-00 |
| Yellow Spring | 127-200012-01 | 127-200012-01 | 127-200012-01 | 127-200012-01 | 127-200013-01 | 127-200016-10 | 127-200016-10 | 127-200016-10 | 127-200016-04 |
| Purple Spring | 127-200012-02 | 127-200012-02 | 127-200012-02 | 127-200012-02 | | | | | |
| Silver Spring | 127-200012-03 | 127-200012-03 | 127-200012-03 | 127-200012-03 | 127-200013-02 | 127-200016-11 | 127-200016-11 | 127-200016-11 | 127-200016-05 |
| Green Spring | 127-200012-04 | 127-200012-04 | 127-200012-04 | 127-200012-04 | 127-200013-03 | 127-200016-12 | 127-200016-12 | 127-200016-12 | 127-200016-06 |
| Blue Spring | 127-200012-05 | 127-200012-05 | 127-200012-05 | 127-200012-05 | | | | | |
| Retaining Ring | | | | | | 159-300915-18 | 159-300915-18 | 159-300915-18 | 159-300915-15 |

| Tubular Series | LT12X19 | LT12X13 | LT8X16 | LT8X9 | LT6X12 | LT4X16 | LT4X12 | LT4X7 | LT3.5X9 |
|----------------|---------|---------|--------|-------|--------|--------|--------|-------|---------|
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| Kit Number | A490-367460-18 | A490-367460-19 | A490-367460-20 | A490-367460-21 | A490-367460-22 | A490-367460-23 | A490-367460-24 | A490-367460-25 | A490-367460-26 |
| Plunger | 104-040382-05 | 104-040382-04 | 104-030377-04 | 104-030377-03 | 104-010454-01 | | | | |
| Yellow Spring | 127-200012-01 | 127-200012-01 | 127-200012-01 | 127-200012-01 | 127-200013-01 | 127-200016-10 | 127-200016-10 | 127-200016-10 | 127-200016-04 |
| Purple Spring | 127-200012-02 | 127-200012-02 | 127-200012-02 | 127-200012-02 | | | | | |
| Silver Spring | 127-200012-03 | 127-200012-03 | 127-200012-03 | 127-200012-03 | 127-200013-02 | 127-200016-11 | 127-200016-11 | 127-200016-11 | 127-200016-05 |
| Green Spring | 127-200012-04 | 127-200012-04 | 127-200012-04 | 127-200012-04 | 127-200013-03 | 127-200016-12 | 127-200016-12 | 127-200016-12 | 127-200016-06 |
| Blue Spring | 127-200012-05 | 127-200012-05 | 127-200012-05 | 127-200012-05 | | | | | |

| Tubular Series | TP12X19 | TP12X13 | TP8X16 | TP8X9 | TP6X12 | TP4X16 | TP4X12 | TP4X7 | TP3.5X9 |
|----------------|---------|---------|--------|-------|--------|--------|--------|-------|---------|
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| Kit Number | A490-367460-09 | A490-367460-10 | A490-367460-11 | A490-367460-12 | A490-367460-13 | A490-367460-14 | A490-367460-15 | A490-367460-16 | A490-367460-17 |
| Push-on Fastener | 154-900103-03 | 154-900103-03 | 154-900103-03 | 154-900103-03 | 154-900103-02 | 154-900103-01 | 154-900103-01 | 154-900103-01 | 154-900103-01 |
| Yellow Spring | 127-200012-07 | 127-200012-07 | 127-200012-07 | 127-200012-07 | 127-200015-04 | 127-200016-07 | 127-200016-07 | 127-200016-07 | 127-200016-01 |
| Silver Spring | 127-200012-09 | 127-200012-09 | 127-200012-09 | 127-200012-09 | 127-200015-05 | 127-200016-08 | 127-200016-08 | 127-200016-08 | 127-200016-02 |
| Green Spring | 127-200012-10 | 127-200012-10 | 127-200012-10 | 127-200012-10 | 127-200015-06 | 127-200016-09 | 127-200016-09 | 127-200016-09 | 127-200016-03 |
| Purple Spring | 127-200012-08 | 127-200012-08 | 127-200012-08 | 127-200012-08 | | | | | |
| Blue Spring | 127-200012-11 | 127-200012-11 | 127-200012-11 | 127-200012-11 | | | | | |

DC FRAME SOLENOIDS

| DC Frame Series | 2 | 2HD | 3HD | 4 | 4HD |
|-----------------|---|-----|-----|---|-----|
|-----------------|---|-----|-----|---|-----|

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|---------------|----------------|----------------|----------------|----------------|----------------|
| Kit Number | A490-367461-00 | A490-367461-01 | A490-367461-02 | A490-367461-03 | A490-367461-04 |
| Plunger | 104-030333-16 | 104-030333-19 | 104-040342-01 | 104-030333-17 | 104-040340-01 |
| Yellow Spring | 127-200012-01 | 127-200012-01 | 127-200012-01 | 127-200012-01 | 127-200012-01 |
| Purple Spring | 127-200012-02 | 127-200012-02 | 127-200012-02 | 127-200012-02 | 127-200012-02 |
| Silver Spring | 127-200012-03 | 127-200012-03 | 127-200012-03 | 127-200012-03 | 127-200012-03 |
| Green Spring | 127-200012-04 | 127-200012-04 | 127-200012-04 | 127-200012-04 | 127-200012-04 |
| Blue Spring | 127-200012-05 | 127-200012-05 | 127-200012-05 | 127-200012-05 | 127-200012-05 |

| DC Frame Series | 11 | 11HD | 22 & 44 | 24 & 28 | 28HD |
|-----------------|----|------|---------|---------|------|
|-----------------|----|------|---------|---------|------|

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|---------------|----------------|----------------|----------------|----------------|----------------|
| Kit Number | A490-367461-05 | A490-367461-06 | A490-367461-07 | A490-367461-08 | A490-367461-09 |
| Plunger | 104-030386-16 | 104-030333-18 | 104-000265-01 | 104-010291-03 | 104-030345-01 |
| Yellow Spring | 127-200013-01 | 127-200012-01 | 127-200013-01 | 127-200013-01 | 127-200012-01 |
| Purple Spring | | 127-200012-02 | | | 127-200012-02 |
| Silver Spring | 127-200013-02 | 127-200012-03 | 127-200013-02 | 127-200013-02 | 127-200012-03 |
| Green Spring | 127-200013-03 | 127-200012-04 | 127-200013-03 | 127-200013-03 | 127-200012-04 |
| Blue Spring | | 127-200012-05 | | | 127-200012-05 |

| DC Frame Series | 11P | 28P |
|-----------------|-----|-----|
|-----------------|-----|-----|

| | | |
|---------------|----------------|----------------|
| Kit Number | A490-367461-10 | A490-367461-11 |
| Plunger | | |
| Silver Spring | 127-200015-13 | 127-310439-00 |
| Silver Spring | 127-200015-14 | 127-310439-04 |
| Silver Spring | 127-200015-15 | |
| Green Spring | | 127-200015-12 |
| Blue Spring | | |

AC FRAME SOLENOIDS

| AC Frame Series | 2AC & 2HD AC | 3HD AC | 4AC | 4HD AC | 11AC |
|-----------------|--------------|--------|-----|--------|------|
|-----------------|--------------|--------|-----|--------|------|

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|----------------|----------------|----------------|----------------|----------------|----------------|
| Kit Number | A490-367462-00 | A490-367462-01 | A490-367462-02 | A490-367462-03 | A490-367462-04 |
| Plunger | 104-030518-02 | 104-040490-01 | 104-030518-00 | 104-040490-00 | 104-010630-00 |
| Washer | 146-200537-08 | 146-200537-12 | 146-200537-08 | 146-200537-12 | 146-200537-06 |
| Retaining Ring | 159-300915-43 | 159-300915-50 | 159-300915-43 | 159-300915-50 | 159-300915-31 |
| Yellow Spring | 127-310477-06 | 127-310477-12 | 127-310477-06 | 127-310477-12 | 127-310477-03 |
| Silver Spring | 127-310477-07 | 127-310477-13 | 127-310477-07 | 127-310477-13 | 127-310477-04 |
| Green Spring | 127-310477-08 | 127-310477-14 | 127-310477-08 | 127-310477-14 | 127-310477-05 |

| AC Frame Series | 11HD AC | 22 AC | 28 AC | 28HD AC |
|-----------------|---------|-------|-------|---------|
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|----------------|----------------|----------------|----------------|----------------|
| Kit Number | A490-367462-05 | A490-367462-06 | A490-367462-07 | A490-367462-08 |
| Plunger | 104-030518-01 | 104-000566-00 | 104-010630-01 | 104-030518-03 |
| Washer | 146-200537-08 | 146-200537-23 | 146-200537-06 | 146-200537-08 |
| Retaining Ring | 159-300915-43 | 159-300915-25 | 159-301285-31 | 159-300915-43 |
| Yellow Spring | 127-310477-06 | 127-310477-00 | 127-310477-03 | 127-310477-09 |
| Silver Spring | 127-310477-07 | 127-310477-01 | 127-310477-04 | 127-310477-10 |
| Green Spring | 127-310477-08 | 127-310477-02 | 127-310477-05 | 127-310477-11 |



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