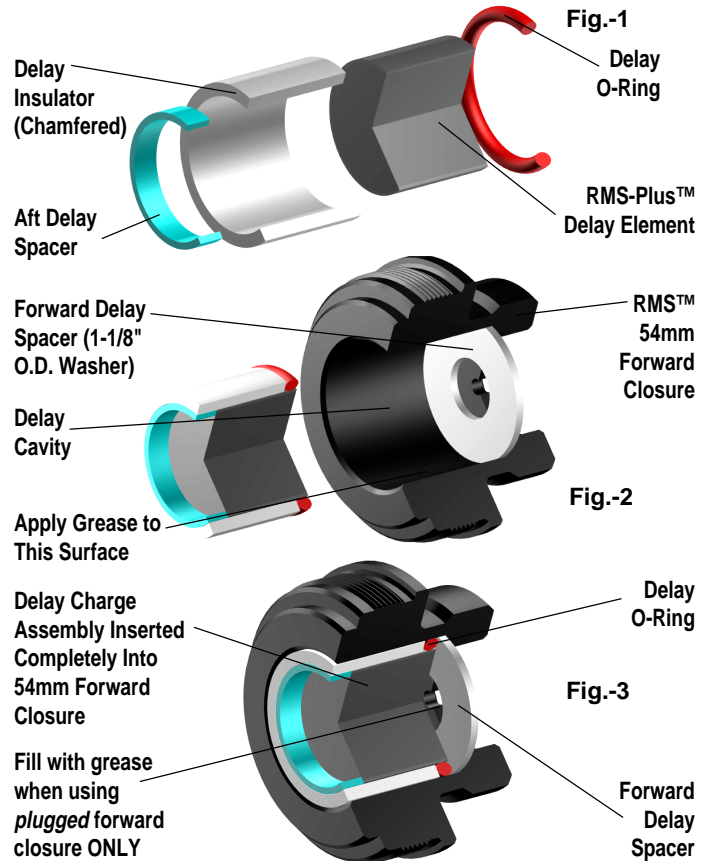


54MM RMS-PLUS™ RELOAD DELAY KIT (RDK) ASSEMBLY INSTRUCTIONS

NOTE: Follow these instructions during forward closure/delay charge assembly of an AeroTech/RCS RMS™ 54mm high-power motor when using the enclosed RMS-Plus™ RDK. **DO NOT use any of the delay components of older-style RMS reload kits when using this RDK!**

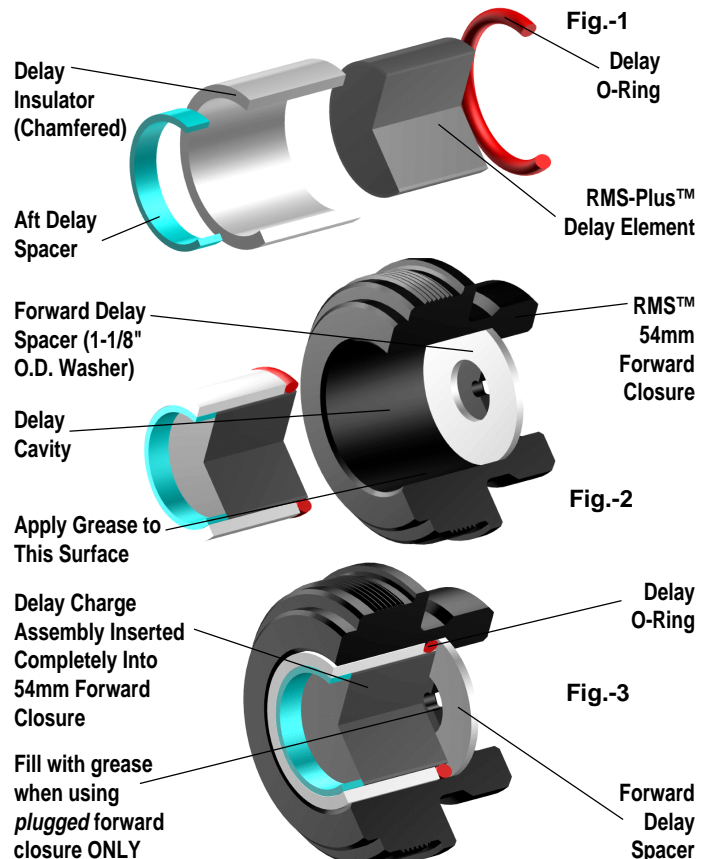
- 1-1. Apply a light coat of Synco™ Super Lube™ or other grease to all threads and o-rings. This will facilitate assembly and prevents the threads from seizing.
- 1-2. **Fig.-1:** Chamfer both inner edges of the delay insulator with your fingernail. Assemble the RMS-Plus delay element, delay insulator, aft delay spacer and delay o-ring as shown. **NOTE:** It is **not** necessary to tape the delay element or delay insulator, the hot gas seal is provided by the delay o-ring alone.
- 1-3. **Fig.-2:** Insert the forward delay spacer (1-1/8" O.D. neoprene washer) into the delay cavity until it is seated against the forward end of the cavity. Apply a **light film** of grease to the inner circumference of the delay cavity (but **not** the forward end of the cavity).
- 1-4. **Fig.-3:** Insert the delay charge assembly shown in Fig.-1 into the delay cavity, o-ring end first, until it is seated against the forward delay spacer. **NOTE:** When using a **plugged** forward closure **ONLY**, fill the opening in the forward delay spacer with grease prior to installing the delay charge assembly, and install the delay charge components in this order: Forward delay spacer, delay o-ring, delay element, delay insulator and aft delay spacer.
- 1-5. Complete the remainder of motor assembly according to the original instructions that accompanied your particular reload kit.



54MM RMS-PLUS™ RELOAD DELAY KIT (RDK) ASSEMBLY INSTRUCTIONS

NOTE: Follow these instructions during forward closure/delay charge assembly of an AeroTech/RCS RMS™ 54mm high-power motor when using the enclosed RMS-Plus™ RDK. **DO NOT use any of the delay components of older-style RMS reload kits when using this RDK!**

- 1-1. Apply a light coat of Synco™ Super Lube™ or other grease to all threads and o-rings. This will facilitate assembly and prevents the threads from seizing.
- 1-2. **Fig.-1:** Chamfer both inner edges of the delay insulator with your fingernail. Assemble the RMS-Plus delay element, delay insulator, aft delay spacer and delay o-ring as shown. **NOTE:** It is **not** necessary to tape the delay element or delay insulator, the hot gas seal is provided by the delay o-ring alone.
- 1-3. **Fig.-2:** Insert the forward delay spacer (1-1/8" O.D. neoprene washer) into the delay cavity until it is seated against the forward end of the cavity. Apply a **light film** of grease to the inner circumference of the delay cavity (but **not** the forward end of the cavity).
- 1-4. **Fig.-3:** Insert the delay charge assembly shown in Fig.-1 into the delay cavity, o-ring end first, until it is seated against the forward delay spacer. **NOTE:** When using a **plugged** forward closure **ONLY**, fill the opening in the forward delay spacer with grease prior to installing the delay charge assembly, and install the delay charge components in this order: Forward delay spacer, delay o-ring, delay element, delay insulator and aft delay spacer.
- 1-5. Complete the remainder of motor assembly according to the original instructions that accompanied your particular reload kit.



First Aid

For a minor burn, apply a burn ointment. For a severe burn, immerse the burned area in ice water at once and see a physician as quickly as possible. In the unlikely event of oral ingestion of the propellant, induce vomiting and see a physician as quickly as possible. The AeroTech/RCS reload delay kit pyrotechnic components consists primarily of ammonium perchlorate and a rubber-like plastic elastomer.

Disposal

Damaged or defective reload delay kits should be returned to RCS.

Fire Safety

Tests show that the pyrotechnic components of RMS™ reload delay kits will not explode in fires and normally will not ignite unless subjected to direct flame and then will burn slowly. Use water to fight any fires in which AeroTech/RCS RMS™ reload delay kit pyrotechnic components may become involved: Direct the water at the AeroTech/RCS RMS™ reload delay kit pyrotechnic components to keep them below their 550 deg. F autoignition temperature. Foam and carbon dioxide fire extinguishers will NOT extinguish burning propellants of the type used in RMS™ reload delay kit pyrotechnic components. Keep reload delay kit pyrotechnic components away from flames, sources of heat and flammable materials.

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Advanced
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54MM HIGH-POWER RMS-PLUS™ RELOAD DELAY KIT (RDK)

AeroTech Product No: RDK-21 PLUS

For Use With The Following RMS™ Reload Kits ONLY:

J460T-S, J800T-S, K1100T-S

This RDK Contains The Following Parts:

| Part No. | Description | Qty. |
|----------|---|------|
| 03900 | RMS-Plus™ delay element (.933" O.D. X .432" long) | 3 |
| 03950 | Aft delay spacer (.940" O.D. X .506" long magenta paper ring) | 3 |

NOTE: The delay o-ring, delay insulator and forward delay spacer mentioned in the RDK instructions now come supplied with all RMS™ reload part kits.

NOTE: SALE TO PERSONS UNDER 18 YEARS OF AGE PROHIBITED BY FEDERAL LAW. WARNING-FLAMMABLE: Read Instructions Before Use. KEEP OUT OF REACH OF CHILDREN. FOR USE ONLY BY CERTIFIED HIGH-POWER USERS 18 YEARS OF AGE OR OLDER. DO NOT SMOKE when loading these motors or use in the vicinity of open flames.

First Aid

For a minor burn, apply a burn ointment. For a severe burn, immerse the burned area in ice water at once and see a physician as quickly as possible. In the unlikely event of oral ingestion of the propellant, induce vomiting and see a physician as quickly as possible. The AeroTech/RCS reload delay kit pyrotechnic components consists primarily of ammonium perchlorate and a rubber-like plastic elastomer.

Disposal

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Fire Safety

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AeroTech Product No: RDK-21 PLUS

For Use With The Following RMS™ Reload Kits ONLY:

J460T-S, J800T-S, K1100T-S

This RDK Contains The Following Parts:

| Part No. | Description | Qty. |
|----------|---|------|
| 03900 | RMS-Plus™ delay element (.933" O.D. X .432" long) | 3 |
| 03950 | Aft delay spacer (.940" O.D. X .506" long magenta paper ring) | 3 |

NOTE: The delay o-ring, delay insulator and forward delay spacer mentioned in the RDK instructions now come supplied with all RMS™ reload part kits.

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54MM HIGH-POWER RMS-PLUS™ RELOAD DELAY KIT (RDK)

AeroTech Product No: RDK-22 PLUS

For Use With The Following RMS™ Reload Kits ONLY:

J315R-S, K695R-S

This RDK Contains The Following Parts:

| Part No. | Description | Qty. |
|----------|---|------|
| 03902 | RMS-Plus™ delay element (.933" O.D. X .478" long) | 3 |
| 03952 | Aft delay spacer (.940" O.D. X .460" long white paper ring) | 3 |

NOTE: The delay o-ring, delay insulator and forward delay spacer mentioned in the RDK instructions now come supplied with all RMS™ reload part kits.

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First Aid

For a minor burn, apply a burn ointment. For a severe burn, immerse the burned area in ice water at once and see a physician as quickly as possible. In the unlikely event of oral ingestion of the propellant, induce vomiting and see a physician as quickly as possible. The AeroTech/RCS reload delay kit pyrotechnic components consists primarily of ammonium perchlorate and a rubber-like plastic elastomer.

Disposal

Damaged or defective reload delay kits should be returned to RCS.

Fire Safety

Tests show that the pyrotechnic components of RMS™ reload delay kits will not explode in fires and normally will not ignite unless subjected to direct flame and then will burn slowly. Use water to fight any fires in which AeroTech/RCS RMS™ reload delay kit pyrotechnic components may become involved: Direct the water at the AeroTech/RCS RMS™ reload delay kit pyrotechnic components to keep them below their 550 deg. F autoignition temperature. Foam and carbon dioxide fire extinguishers will NOT extinguish burning propellants of the type used in RMS™ reload delay kit pyrotechnic components. Keep reload delay kit pyrotechnic components away from flames, sources of heat and flammable materials.

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54MM HIGH-POWER RMS-PLUS™ RELOAD DELAY KIT (RDK)

AeroTech Product No: RDK-22 PLUS

For Use With The Following RMS™ Reload Kits ONLY:

J315R-S, K695R-S

This RDK Contains The Following Parts:

| Part No. | Description | Qty. |
|----------|---|------|
| 03902 | RMS-Plus™ delay element (.933" O.D. X .478" long) | 3 |
| 03952 | Aft delay spacer (.940" O.D. X .460" long white paper ring) | 3 |

NOTE: The delay o-ring, delay insulator and forward delay spacer mentioned in the RDK instructions now come supplied with all RMS™ reload part kits.

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54MM HIGH-POWER RMS-PLUS™ RELOAD DELAY KIT (RDK)

AeroTech Product No: RDK-23 PLUS

For Use With The Following RMS™ Reload Kits ONLY:

J460T-M, J800T-M, K1100T-M

This RDK Contains The Following Parts:

| Part No. | Description | Qty. |
|----------|--|------|
| 03904 | RMS-Plus™ delay element (.933" O.D. X .547" long) | 3 |
| 03954 | Aft delay spacer (.940" O.D. X .391" long silver paper ring) | 3 |

NOTE: The delay o-ring, delay insulator and forward delay spacer mentioned in the RDK instructions now come supplied with all RMS™ reload part kits.

NOTE: SALE TO PERSONS UNDER 18 YEARS OF AGE PROHIBITED BY FEDERAL LAW. WARNING-FLAMMABLE: Read Instructions Before Use. KEEP OUT OF REACH OF CHILDREN. FOR USE ONLY BY CERTIFIED HIGH-POWER USERS 18 YEARS OF AGE OR OLDER. DO NOT SMOKE when loading these motors or use in the vicinity of open flames.

First Aid

For a minor burn, apply a burn ointment. For a severe burn, immerse the burned area in ice water at once and see a physician as quickly as possible. In the unlikely event of oral ingestion of the propellant, induce vomiting and see a physician as quickly as possible. The AeroTech/RCS reload delay kit pyrotechnic components consists primarily of ammonium perchlorate and a rubber-like plastic elastomer.

Disposal

Damaged or defective reload delay kits should be returned to RCS.

Fire Safety

Tests show that the pyrotechnic components of RMS™ reload delay kits will not explode in fires and normally will not ignite unless subjected to direct flame and then will burn slowly. Use water to fight any fires in which AeroTech/RCS RMS™ reload delay kit pyrotechnic components may become involved: Direct the water at the AeroTech/RCS RMS™ reload delay kit pyrotechnic components to keep them below their 550 deg. F autoignition temperature. Foam and carbon dioxide fire extinguishers will NOT extinguish burning propellants of the type used in RMS™ reload delay kit pyrotechnic components. Keep reload delay kit pyrotechnic components away from flames, sources of heat and flammable materials.

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54MM HIGH-POWER RMS-PLUS™ RELOAD DELAY KIT (RDK)

AeroTech Product No: RDK-23 PLUS

For Use With The Following RMS™ Reload Kits ONLY:

J460T-M, J800T-M, K1100T-M

This RDK Contains The Following Parts:

| Part No. | Description | Qty. |
|----------|--|------|
| 03904 | RMS-Plus™ delay element (.933" O.D. X .547" long) | 3 |
| 03954 | Aft delay spacer (.940" O.D. X .391" long silver paper ring) | 3 |

NOTE: The delay o-ring, delay insulator and forward delay spacer mentioned in the RDK instructions now come supplied with all RMS™ reload part kits.

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Disposal

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Fire Safety

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54MM HIGH-POWER RMS-PLUS™ RELOAD DELAY KIT (RDK)

AeroTech Product No: RDK-24 PLUS

For Use With The Following RMS™ Reload Kits ONLY:

J180T-S, J315R-M

This RDK Contains The Following Parts:

| Part No. | Description | Qty. |
|----------|---|------|
| 03906 | RMS-Plus™ delay element (.933" O.D. X .593" long) | 3 |
| 03956 | Aft delay spacer (.940" O.D. X .345" long red paper ring) | 3 |

NOTE: The delay o-ring, delay insulator and forward delay spacer mentioned in the RDK instructions now come supplied with all RMS™ reload part kits.

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First Aid

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AeroTech Product No: RDK-24 PLUS

For Use With The Following RMS™ Reload Kits ONLY:

J180T-S, J315R-M

This RDK Contains The Following Parts:

| Part No. | Description | Qty. |
|----------|---|------|
| 03906 | RMS-Plus™ delay element (.933" O.D. X .593" long) | 3 |
| 03956 | Aft delay spacer (.940" O.D. X .345" long red paper ring) | 3 |

NOTE: The delay o-ring, delay insulator and forward delay spacer mentioned in the RDK instructions now come supplied with all RMS™ reload part kits.

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Advanced
Delay
Sealing
System

54MM HIGH-POWER RMS-PLUS™ RELOAD DELAY KIT (RDK)

AeroTech Product No: RDK-25 PLUS

For Use With The Following RMS™ Reload Kits ONLY:

**J275W-S, J415W-S, J540R-M,
K550W-S, K695R-M**

This RDK Contains The Following Parts:

| Part No. | Description | Qty. |
|----------|--|------|
| 03908 | RMS-Plus™ delay element (.933" O.D. X .616" long) | 3 |
| 03958 | Aft delay spacer (.940" O.D. X .322" long lt. blue paper ring) | 3 |

NOTE: The delay o-ring, delay insulator and forward delay spacer mentioned in the RDK instructions now come supplied with all RMS™ reload part kits.

NOTE: SALE TO PERSONS UNDER 18 YEARS OF AGE PROHIBITED BY FEDERAL LAW. WARNING-FLAMMABLE: Read Instructions Before Use. KEEP OUT OF REACH OF CHILDREN. FOR USE ONLY BY CERTIFIED HIGH-POWER USERS 18 YEARS OF AGE OR OLDER. DO NOT SMOKE when loading these motors or use in the vicinity of open flames.

First Aid

For a minor burn, apply a burn ointment. For a severe burn, immerse the burned area in ice water at once and see a physician as quickly as possible. In the unlikely event of oral ingestion of the propellant, induce vomiting and see a physician as quickly as possible. The AeroTech/RCS reload delay kit pyrotechnic components consists primarily of ammonium perchlorate and a rubber-like plastic elastomer.

Disposal

Damaged or defective reload delay kits should be returned to RCS.

Fire Safety

Tests show that the pyrotechnic components of RMS™ reload delay kits will not explode in fires and normally will not ignite unless subjected to direct flame and then will burn slowly. Use water to fight any fires in which AeroTech/RCS RMS™ reload delay kit pyrotechnic components may become involved: Direct the water at the AeroTech/RCS RMS™ reload delay kit pyrotechnic components to keep them below their 550 deg. F autoignition temperature. Foam and carbon dioxide fire extinguishers will NOT extinguish burning propellants of the type used in RMS™ reload delay kit pyrotechnic components. Keep reload delay kit pyrotechnic components away from flames, sources of heat and flammable materials.

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54MM HIGH-POWER RMS-PLUS™ RELOAD DELAY KIT (RDK)

AeroTech Product No: RDK-26 PLUS

For Use With The Following RMS™ Reload Kits ONLY:

J460T-L, J800T-L, KT100T-L

This RDK Contains The Following Parts:

| Part No. | Description | Qty. |
|----------|--|------|
| 03910 | RMS-Plus™ delay element (.933" O.D. X .639" long) | 3 |
| 03960 | Aft delay spacer (.940" O.D. X .299" long orange paper ring) | 3 |

NOTE: The delay o-ring, delay insulator and forward delay spacer mentioned in the RDK instructions now come supplied with all RMS™ reload part kits.

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| 03960 | Aft delay spacer (.940" O.D. X .299" long orange paper ring) | 3 |

NOTE: The delay o-ring, delay insulator and forward delay spacer mentioned in the RDK instructions now come supplied with all RMS™ reload part kits.

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54MM HIGH-POWER RMS-PLUS™ RELOAD DELAY KIT (RDK)

AeroTech Product No: RDK-27 PLUS

For Use With The Following RMS™ Reload Kits ONLY:

J180T-M

This RDK Contains The Following Parts:

| Part No. | Description | Qty. |
|----------|--|------|
| 03912 | RMS-Plus™ delay element (.933" O.D. X .685" long) | 3 |
| 03962 | Aft delay spacer (.940" O.D. X .253" long yellow paper ring) | 3 |

NOTE: The delay o-ring, delay insulator and forward delay spacer mentioned in the RDK instructions now come supplied with all RMS™ reload part kits.

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AeroTech Product No: RDK-28 PLUS

For Use With The Following RMS™ Reload Kits ONLY:
J275W-M, J415W-M, K550W-M

This RDK Contains The Following Parts:

| Part No. | Description | Qty. |
|----------|---|------|
| 03914 | RMS-Plus™ delay element (.933" O.D. X .708" long) | 3 |
| 03964 | Aft delay spacer (.940" O.D. X .230" long green paper ring) | 3 |

NOTE: The delay o-ring, delay insulator and forward delay spacer mentioned in the RDK instructions now come supplied with all RMS™ reload part kits.

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54MM HIGH-POWER RMS-PLUS™ RELOAD DELAY KIT (RDK)

AeroTech Product No: RDK-29 PLUS

For Use With The Following RMS™ Reload Kits ONLY:
**J315R-L, J460T-XL, J540R-L,
J800T-XL, K695R-L, KT100T-XL**

This RDK Contains The Following Parts:

| Part No. | Description | Qty. |
|----------|---|------|
| 03916 | RMS-Plus™ delay element (.933" O.D. X .731" long) | 3 |
| 03966 | Aft delay spacer (.940" O.D. X .207" long natural paper ring) | 3 |

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|----------|---|------|
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Tests show that the pyrotechnic components of RMS™ reload delay kits will not explode in fires and normally will not ignite unless subjected to direct flame and then will burn slowly. Use water to fight any fires in which AeroTech/RCS RMS™ reload delay kit pyrotechnic components may become involved: Direct the water at the AeroTech/RCS RMS™ reload delay kit pyrotechnic components to keep them below their 550 deg. F autoignition temperature. Foam and carbon dioxide fire extinguishers will NOT extinguish burning propellants of the type used in RMS™ reload delay kit pyrotechnic components. Keep reload delay kit pyrotechnic components away from flames, sources of heat and flammable materials.

Disclaimer and Warranty

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54MM HIGH-POWER RMS-PLUS™ RELOAD DELAY KIT (RDK)

AeroTech Product No: RDK-30 PLUS

For Use With The Following RMS™ Reload Kits ONLY:

J180T-L

This RDK Contains The Following Parts:

| Part No. | Description | Qty. |
|----------|--|------|
| 03918 | RMS-Plus™ delay element (.933" O.D. X .778" long) | 3 |
| 03968 | Aft delay spacer (.940" O.D. X .160" long blue paper ring) | 3 |

NOTE: The delay o-ring, delay insulator and forward delay spacer mentioned in the RDK instructions now come supplied with all RMS™ reload part kits.

NOTE: SALE TO PERSONS UNDER 18 YEARS OF AGE PROHIBITED BY FEDERAL LAW. WARNING-FLAMMABLE: Read Instructions Before Use. KEEP OUT OF REACH OF CHILDREN. FOR USE ONLY BY CERTIFIED HIGH-POWER USERS 18 YEARS OF AGE OR OLDER. DO NOT SMOKE when loading these motors or use in the vicinity of open flames.

First Aid

For a minor burn, apply a burn ointment. For a severe burn, immerse the burned area in ice water at once and see a physician as quickly as possible. In the unlikely event of oral ingestion of the propellant, induce vomiting and see a physician as quickly as possible. The AeroTech/RCS reload delay kit pyrotechnic components consists primarily of ammonium perchlorate and a rubber-like plastic elastomer.

Disposal

Damaged or defective reload delay kits should be returned to RCS.

Fire Safety

Tests show that the pyrotechnic components of RMS™ reload delay kits will not explode in fires and normally will not ignite unless subjected to direct flame and then will burn slowly. Use water to fight any fires in which AeroTech/RCS RMS™ reload delay kit pyrotechnic components may become involved: Direct the water at the AeroTech/RCS RMS™ reload delay kit pyrotechnic components to keep them below their 550 deg. F autoignition temperature. Foam and carbon dioxide fire extinguishers will NOT extinguish burning propellants of the type used in RMS™ reload delay kit pyrotechnic components. Keep reload delay kit pyrotechnic components away from flames, sources of heat and flammable materials.

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54MM HIGH-POWER RMS-PLUS™ RELOAD DELAY KIT (RDK)

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For Use With The Following RMS™ Reload Kits ONLY:

J180T-L

This RDK Contains The Following Parts:

| Part No. | Description | Qty. |
|----------|--|------|
| 03918 | RMS-Plus™ delay element (.933" O.D. X .778" long) | 3 |
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NOTE: The delay o-ring, delay insulator and forward delay spacer mentioned in the RDK instructions now come supplied with all RMS™ reload part kits.

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First Aid

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54MM HIGH-POWER RMS-PLUS™ RELOAD DELAY KIT (RDK)

AeroTech Product No: RDK-31 PLUS

For Use With The Following RMS™ Reload Kits ONLY:

J275W-L, J415W-L, K550W-L

This RDK Contains The Following Parts:

| Part No. | Description | Qty. |
|----------|--|------|
| 03920 | RMS-Plus™ delay element (.933" O.D. X .803" long) | 3 |
| 03970 | Aft delay spacer (.940" O.D. X .135" long purple paper ring) | 3 |

NOTE: The delay o-ring, delay insulator and forward delay spacer mentioned in the RDK instructions now come supplied with all RMS™ reload part kits.

NOTE: SALE TO PERSONS UNDER 18 YEARS OF AGE PROHIBITED BY FEDERAL LAW. WARNING-FLAMMABLE: Read Instructions Before Use. KEEP OUT OF REACH OF CHILDREN. FOR USE ONLY BY CERTIFIED HIGH-POWER USERS 18 YEARS OF AGE OR OLDER. DO NOT SMOKE when loading these motors or use in the vicinity of open flames.

First Aid

For a minor burn, apply a burn ointment. For a severe burn, immerse the burned area in ice water at once and see a physician as quickly as possible. In the unlikely event of oral ingestion of the propellant, induce vomiting and see a physician as quickly as possible. The AeroTech/RCS reload delay kit pyrotechnic components consists primarily of ammonium perchlorate and a rubber-like plastic elastomer.

Disposal

Damaged or defective reload delay kits should be returned to RCS.

Fire Safety

Tests show that the pyrotechnic components of RMS™ reload delay kits will not explode in fires and normally will not ignite unless subjected to direct flame and then will burn slowly. Use water to fight any fires in which AeroTech/RCS RMS™ reload delay kit pyrotechnic components may become involved: Direct the water at the AeroTech/RCS RMS™ reload delay kit pyrotechnic components to keep them below their 550 deg. F autoignition temperature. Foam and carbon dioxide fire extinguishers will NOT extinguish burning propellants of the type used in RMS™ reload delay kit pyrotechnic components. Keep reload delay kit pyrotechnic components away from flames, sources of heat and flammable materials.

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54MM HIGH-POWER RMS-PLUS™ RELOAD DELAY KIT (RDK)

AeroTech Product No: RDK-31 PLUS

For Use With The Following RMS™ Reload Kits ONLY:

J275W-L, J415W-L, K550W-L

This RDK Contains The Following Parts:

| Part No. | Description | Qty. |
|----------|--|------|
| 03920 | RMS-Plus™ delay element (.933" O.D. X .803" long) | 3 |
| 03970 | Aft delay spacer (.940" O.D. X .135" long purple paper ring) | 3 |

NOTE: The delay o-ring, delay insulator and forward delay spacer mentioned in the RDK instructions now come supplied with all RMS™ reload part kits.

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First Aid

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Disposal

Damaged or defective reload delay kits should be returned to RCS.

Fire Safety

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54MM HIGH-POWER RMS-PLUS™ RELOAD DELAY KIT (RDK)

AeroTech Product No: RDK-32 PLUS

For Use With The Following RMS™ Reload Kits ONLY:
J315R-XL, J540R-XL, K695R-XL

This RDK Contains The Following Parts:

| Part No. | Description | Qty. |
|----------|---|------|
| 03922 | RMS-Plus™ delay element (.933" O.D. X .849" long) | 3 |
| 03972 | Aft delay spacer (.940" O.D. X .089" long black paper ring) | 3 |

NOTE: The delay o-ring, delay insulator and forward delay spacer mentioned in the RDK instructions now come supplied with all RMS™ reload part kits.

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First Aid

For a minor burn, apply a burn ointment. For a severe burn, immerse the burned area in ice water at once and see a physician as quickly as possible. In the unlikely event of oral ingestion of the propellant, induce vomiting and see a physician as quickly as possible. The AeroTech/RCS reload delay kit pyrotechnic components consists primarily of ammonium perchlorate and a rubber-like plastic elastomer.

Disposal

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Fire Safety

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54MM HIGH-POWER RMS-PLUS™ RELOAD DELAY KIT (RDK)

AeroTech Product No: RDK-32 PLUS

For Use With The Following RMS™ Reload Kits ONLY:
J315R-XL, J540R-XL, K695R-XL

This RDK Contains The Following Parts:

| Part No. | Description | Qty. |
|----------|---|------|
| 03922 | RMS-Plus™ delay element (.933" O.D. X .849" long) | 3 |
| 03972 | Aft delay spacer (.940" O.D. X .089" long black paper ring) | 3 |

NOTE: The delay o-ring, delay insulator and forward delay spacer mentioned in the RDK instructions now come supplied with all RMS™ reload part kits.

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Disposal

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54MM HIGH-POWER RMS-PLUS™ RELOAD DELAY KIT (RDK)

AeroTech Product No: RDK-33 PLUS

For Use With The Following RMS™ Reload Kits ONLY:
K700W-P, K1275R-P

This RDK Contains The Following Parts:

| Part No. | Description | Qty. |
|----------|---|------|
| 03924 | RMS-Plus™ delay element (.933" O.D. X .938" long) | 3 |

NOTE: The delay o-ring, delay insulator and forward delay spacer mentioned in the RDK instructions now come supplied with all RMS™ reload part kits.

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First Aid

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Disposal

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54MM HIGH-POWER RMS-PLUS™ RELOAD DELAY KIT (RDK)

AeroTech Product No: RDK-33 PLUS

For Use With The Following RMS™ Reload Kits ONLY:
K700W-P, K1275R-P

This RDK Contains The Following Parts:

| Part No. | Description | Qty. |
|----------|---|------|
| 03924 | RMS-Plus™ delay element (.933" O.D. X .938" long) | 3 |

NOTE: The delay o-ring, delay insulator and forward delay spacer mentioned in the RDK instructions now come supplied with all RMS™ reload part kits.

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Disposal

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54MM HIGH-POWER RMS-PLUS™ RELOAD DELAY KIT (RDK)

AeroTech Product No: RDK-34 PLUS

For Use With The Following RMS™ Reload Kits ONLY:
J90W-S, J135W-S, K185W-S

This RDK Contains The Following Parts:

| Part No. | Description | Qty. |
|----------|---|------|
| 03926 | RMS-Plus™ delay element (.933" O.D. X 1.014" long) | 3 |
| 03952 | Aft delay spacer (.940" O.D. X .460" long white paper ring) | 3 |

NOTE: The delay o-ring, delay insulator and forward delay spacer mentioned in the RDK instructions now come supplied with all RMST™ reload part kits. This RDK requires the use of the 54mm extended forward closure.

NOTE: SALE TO PERSONS UNDER 18 YEARS OF AGE PROHIBITED BY FEDERAL LAW. WARNING-FLAMMABLE: Read Instructions Before Use. KEEP OUT OF REACH OF CHILDREN. FOR USE ONLY BY CERTIFIED HIGH-POWER USERS 18 YEARS OF AGE OR OLDER. DO NOT SMOKE when loading these motors or use in the vicinity of open flames.

First Aid

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54MM HIGH-POWER RMS-PLUS™ RELOAD DELAY KIT (RDK)

AeroTech Product No: RDK-34 PLUS

For Use With The Following RMS™ Reload Kits ONLY:
J90W-S, J135W-S, K185W-S

This RDK Contains The Following Parts:

| Part No. | Description | Qty. |
|----------|---|------|
| 03926 | RMS-Plus™ delay element (.933" O.D. X 1.014" long) | 3 |
| 03952 | Aft delay spacer (.940" O.D. X .460" long white paper ring) | 3 |

NOTE: The delay o-ring, delay insulator and forward delay spacer mentioned in the RDK instructions now come supplied with all RMST™ reload part kits. This RDK requires the use of the 54mm extended forward closure.

NOTE: SALE TO PERSONS UNDER 18 YEARS OF AGE PROHIBITED BY FEDERAL LAW. WARNING-FLAMMABLE: Read Instructions Before Use. KEEP OUT OF REACH OF CHILDREN. FOR USE ONLY BY CERTIFIED HIGH-POWER USERS 18 YEARS OF AGE OR OLDER. DO NOT SMOKE when loading these motors or use in the vicinity of open flames.

First Aid

For a minor burn, apply a burn ointment. For a severe burn, immerse the burned area in ice water at once and see a physician as quickly as possible. In the unlikely event of oral ingestion of the propellant, induce vomiting and see a physician as quickly as possible. The AeroTech/RCS reload delay kit pyrotechnic components consists primarily of ammonium perchlorate and a rubber-like plastic elastomer.

Disposal

Damaged or defective reload delay kits should be returned to RCS.

Fire Safety

Tests show that the pyrotechnic components of RMST™ reload delay kits will not explode in fires and normally will not ignite unless subjected to direct flame and then will burn slowly. Use water to fight any fires in which AeroTech/RCS RMST™ reload delay kit pyrotechnic components may become involved: Direct the water at the AeroTech/RCS RMST™ reload delay kit pyrotechnic components to keep them below their 550 deg. F autoignition temperature. Foam and carbon dioxide fire extinguishers will NOT extinguish burning propellants of the type used in RMST™ reload delay kit pyrotechnic components. Keep reload delay kit pyrotechnic components away from flames, sources of heat and flammable materials.

Disclaimer and Warranty

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Advanced
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54MM HIGH-POWER RMS-PLUS™ RELOAD DELAY KIT (RDK)

AeroTech Product No: RDK-35 PLUS

For Use With The Following RMS™ Reload Kits ONLY:

J90W-M, J135W-M, K185W-M

This RDK Contains The Following Parts:

| Part No. | Description | Qty. |
|----------|--|------|
| 03928 | RMS-Plus™ delay element (.933" O.D. X 1.106" long) | 3 |
| 03958 | Aft delay spacer (.940" O.D. X .322" long lt. blue paper ring) | 3 |

NOTE: The delay o-ring, delay insulator and forward delay spacer mentioned in the RDK instructions now come supplied with all RMST™ reload part kits. This RDK requires the use of the 54mm extended forward closure.

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First Aid

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Disposal

Damaged or defective reload delay kits should be returned to RCS.

Fire Safety

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For Use With The Following RMS™ Reload Kits ONLY:

J90W-M, J135W-M, K185W-M

This RDK Contains The Following Parts:

| Part No. | Description | Qty. |
|----------|--|------|
| 03928 | RMS-Plus™ delay element (.933" O.D. X 1.106" long) | 3 |
| 03958 | Aft delay spacer (.940" O.D. X .322" long lt. blue paper ring) | 3 |

NOTE: The delay o-ring, delay insulator and forward delay spacer mentioned in the RDK instructions now come supplied with all RMST™ reload part kits. This RDK requires the use of the 54mm extended forward closure.

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First Aid

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Disposal

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Fire Safety

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54MM HIGH-POWER RMS-PLUS™ RELOAD DELAY KIT (RDK)

AeroTech Product No: RDK-36 PLUS

For Use With The Following RMS™ Reload Kits ONLY:

J90W-L, J135W-L, K185W-L

This RDK Contains The Following Parts:

| Part No. | Description | Qty. |
|----------|--|------|
| 03930 | RMS-Plus™ delay element (.933" O.D. X 1.175" long) | 3 |
| 03962 | Aft delay spacer (.940" O.D. X .253" long yellow paper ring) | 3 |

NOTE: The delay o-ring, delay insulator and forward delay spacer mentioned in the RDK instructions now come supplied with all RMST™ reload part kits. This RDK requires the use of the 54mm extended forward closure.

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First Aid

For a minor burn, apply a burn ointment. For a severe burn, immerse the burned area in ice water at once and see a physician as quickly as possible. In the unlikely event of oral ingestion of the propellant, induce vomiting and see a physician as quickly as possible. The AeroTech/RCS reload delay kit pyrotechnic components consists primarily of ammonium perchlorate and a rubber-like plastic elastomer.

Disposal

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Fire Safety

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J90W-L, J135W-L, K185W-L

This RDK Contains The Following Parts:

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| 03962 | Aft delay spacer (.940" O.D. X .253" long yellow paper ring) | 3 |

NOTE: The delay o-ring, delay insulator and forward delay spacer mentioned in the RDK instructions now come supplied with all RMST™ reload part kits. This RDK requires the use of the 54mm extended forward closure.

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54MM HIGH-POWER RMS-PLUS™ RELOAD DELAY KIT (RDK)

AeroTech Product No: RDK-37 PLUS

For Use With The Following RMS™ Reload Kits ONLY:

J540R-S

This RDK Contains The Following Parts:

| Part No. | Description | Qty. |
|----------|--|------|
| 03903 | RMS-Plus™ delay element (.933" O.D. X .524" long) | 3 |
| 03954 | Aft delay spacer (.940" O.D. X .391" long silver paper ring) | 3 |

NOTE: The delay o-ring, delay insulator and forward delay spacer mentioned in the RDK instructions now come supplied with all RMS™ reload part kits.

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AeroTech Product No: RDK-37 PLUS

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J540R-S

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