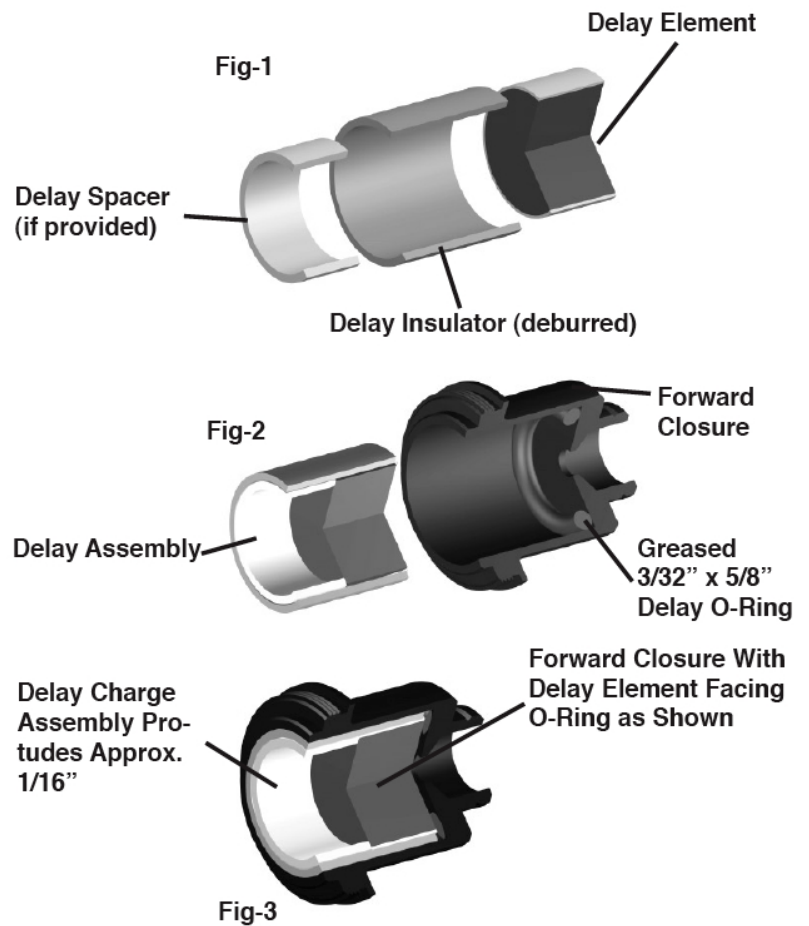
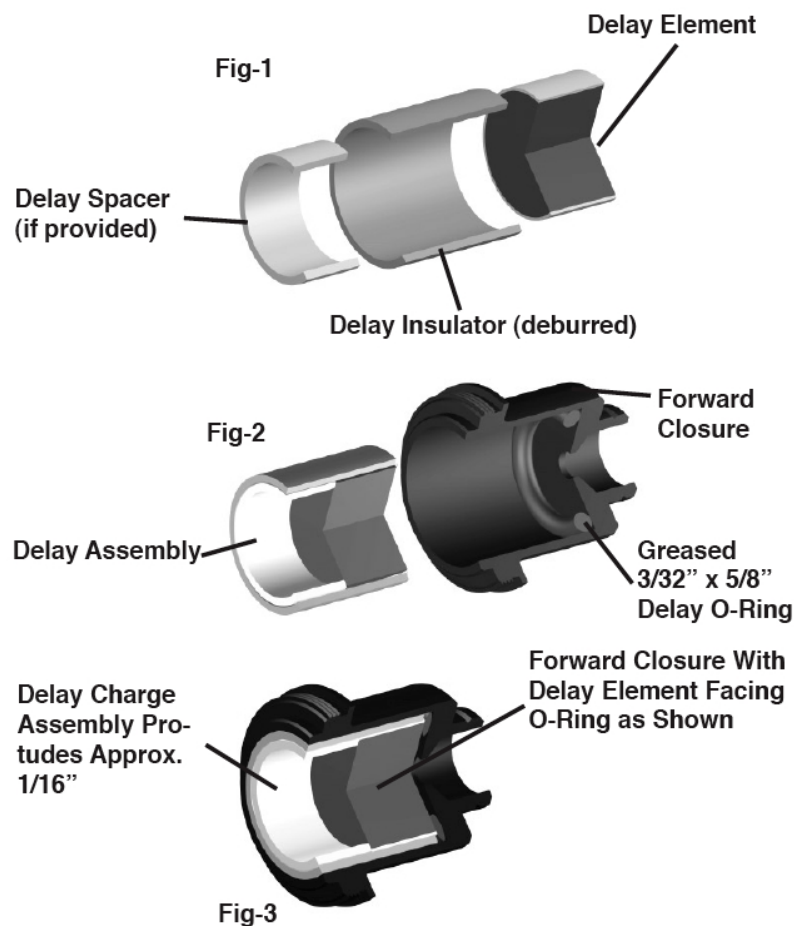


1. Select one each of the reload parts and reclose the reload kit package securely to prevent loss of parts.
2. Apply a light coat of grease to the 3 O-rings and all threaded surfaces. This will facilitate assembly and prevent the threads from siezing. **NOTE:** When all the grease that comes with the motor has been consumed, use petroleum jelly or similar grease.
3. Using your fingernail or a blunt object, remove the burr (rough raised edge) from both inside and outside ends of the delay insulator tube by pressing or scraping and rotating the tube at the same time.
4. **Fig-1:** If supplied with the reload kit, press the delay spacer into one end of the delay insulator tube until **FLUSH** with the end of the tube.
5. **Fig-1:** Press the delay element into the other end of the delay insulator tube until it is **FLUSH** with the other end of the tube.
6. **Fig-2:** Place the greased 5/8" O.D. x 3/32" thick o-ring in the forward closure, seated against the forward end of the delay cavity.
7. **Fig-3:** Insert the delay charge/delay insulator assembly into the delay cavity until it is seated against the delay o-ring



1. Select one each of the reload parts and reclose the reload kit package securely to prevent loss of parts.
2. Apply a light coat of grease to the 3 O-rings and all threaded surfaces. This will facilitate assembly and prevent the threads from siezing. **NOTE:** When all the grease that comes with the motor has been consumed, use petroleum jelly or similar grease.
3. Using your fingernail or a blunt object, remove the burr (rough raised edge) from both inside and outside ends of the delay insulator tube by pressing or scraping and rotating the tube at the same time.
4. **Fig-1:** If supplied with the reload kit, press the delay spacer into one end of the delay insulator tube until **FLUSH** with the end of the tube.
5. **Fig-1:** Press the delay element into the other end of the delay insulator tube until it is **FLUSH** with the other end of the tube.
6. **Fig-2:** Place the greased 5/8" O.D. x 3/32" thick o-ring in the forward closure, seated against the forward end of the delay cavity.
7. **Fig-3:** Insert the delay charge/delay insulator assembly into the delay cavity until it is seated against the delay o-ring



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 hobby reload delay kit pyrotechnic components consists primarily of ammonium perchlorate and a rubber-like plastic elastomer.

Disposal

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

Fire Safety

Tests show that the pyrotechnic components of RMS™ hobby 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™ hobby reload delay kit pyrotechnic components may become involved: Direct the water at the AeroTech/RCS RMS™ hobby 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™ hobby reload delay kit pyrotechnic components. Keep hobby reload delay kit pyrotechnic components away from flames, sources of heat and flammable materials.

Disclaimer and Warranty

NOTICE: Since we cannot control the storage and use of our products, once sold we cannot assume any responsibility for product storage, transportation or usage. RCS shall not be held responsible for any personal injury or property damage resulting from the handling, storage or use of our product. The buyer assumes all risks and liabilities therefrom and accepts and uses AeroTech/RCS products on these conditions. No warranty either expressed or implied is made regarding AeroTech products, except for replacement or repair, at RCS's option, of those products which are proven to be defective in manufacture within one year from the date of original purchase. For repair or replacement under this warranty, please contact RCS. Proof of purchase will be required. Note: Your state may provide additional rights not covered by this warranty.

AeroTech Division
RCS Rocket Motor Components, Inc.
Cedar City, UT 84720
www.aerotech-rocketry.com

P/N 20406 Rev. 4/19/07
Made in U.S.A.
©2007 RCS Rocket Motor Components, Inc.
All rights reserved



0 94433 43507 2
Product no. 43507

24MM RMS™ HOBBY RELOAD DELAY KIT (HDK™)

HDK Type: HDK-07

For Use With The Following RMS™ Reload Kit(s):

D15-4T, E28-4T

This HDK Contains The Following Parts:

Part No.	Description	Qty.
03202	HDK delay element (0.344" long solid part)	3
03057	Delay spacer (0.282" long silver paper ring)	3

NOTE: The delay o-ring, delay insulator and other parts mentioned in the HDK instructions are supplied in your RMS™ reload kit. RMS Hardware not included.

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. DO NOT SMOKE when loading RMS 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 hobby reload delay kit pyrotechnic components consists primarily of ammonium perchlorate and a rubber-like plastic elastomer.

Disposal

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

Fire Safety

Tests show that the pyrotechnic components of RMS™ hobby 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™ hobby reload delay kit pyrotechnic components may become involved: Direct the water at the AeroTech/RCS RMS™ hobby 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™ hobby reload delay kit pyrotechnic components. Keep hobby reload delay kit pyrotechnic components away from flames, sources of heat and flammable materials.

Disclaimer and Warranty

NOTICE: Since we cannot control the storage and use of our products, once sold we cannot assume any responsibility for product storage, transportation or usage. RCS shall not be held responsible for any personal injury or property damage resulting from the handling, storage or use of our product. The buyer assumes all risks and liabilities therefrom and accepts and uses AeroTech/RCS products on these conditions. No warranty either expressed or implied is made regarding AeroTech products, except for replacement or repair, at RCS's option, of those products which are proven to be defective in manufacture within one year from the date of original purchase. For repair or replacement under this warranty, please contact RCS. Proof of purchase will be required. Note: Your state may provide additional rights not covered by this warranty.

AeroTech Division
RCS Rocket Motor Components, Inc.
Cedar City, UT 84720
www.aerotech-rocketry.com

P/N 20406 Rev. 4/19/07
Made in U.S.A.
©2007 RCS Rocket Motor Components, Inc.
All rights reserved



0 94433 43507 2
Product no. 43507

24MM RMS™ HOBBY RELOAD DELAY KIT (HDK™)

HDK Type: HDK-07

For Use With The Following RMS™ Reload Kit(s):

D15-4T, E28-4T

This HDK Contains The Following Parts:

Part No.	Description	Qty.
03202	HDK delay element (0.344" long solid part)	3
03057	Delay spacer (0.282" long silver paper ring)	3

NOTE: The delay o-ring, delay insulator and other parts mentioned in the HDK instructions are supplied in your RMS™ reload kit. RMS Hardware not included.

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. DO NOT SMOKE when loading RMS 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 hobby reload delay kit pyrotechnic components consists primarily of ammonium perchlorate and a rubber-like plastic elastomer.

Disposal

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

Fire Safety

Tests show that the pyrotechnic components of RMS™ hobby 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™ hobby reload delay kit pyrotechnic components may become involved: Direct the water at the AeroTech/RCS RMS™ hobby 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™ hobby reload delay kit pyrotechnic components. Keep hobby reload delay kit pyrotechnic components away from flames, sources of heat and flammable materials.

Disclaimer and Warranty

NOTICE: Since we cannot control the storage and use of our products, once sold we cannot assume any responsibility for product storage, transportation or usage. RCS shall not be held responsible for any personal injury or property damage resulting from the handling, storage or use of our product. The buyer assumes all risks and liabilities therefrom and accepts and uses AeroTech/RCS products on these conditions. No warranty either expressed or implied is made regarding AeroTech products, except for replacement or repair, at RCS's option, of those products which are proven to be defective in manufacture within one year from the date of original purchase. For repair or replacement under this warranty, please contact RCS. Proof of purchase will be required. Note: Your state may provide additional rights not covered by this warranty.

AeroTech Division
RCS Rocket Motor Components, Inc.
Cedar City, UT 84720
www.aerotech-rocketry.com

P/N 20407 Rev. 4/19/07
Made in U.S.A.
©2007 RCS Rocket Motor Components, Inc.
All rights reserved



0 94433 43508 9
Product no. 43508

24MM RMS™ HOBBY RELOAD DELAY KIT (HDK™)

HDK Type: HDK-08

For Use With The Following RMS™ Reload Kit(s):

D9-4W, F39-6T

This HDK Contains The Following Parts:

Part No.	Description	Qty.
03206	HDK delay element (0.407" long solid part)	3
03054	Delay spacer (0.219" long light blue paper ring)	3

NOTE: The delay o-ring, delay insulator and other parts mentioned in the HDK instructions are supplied in your RMS™ reload kit. RMS Hardware not included.

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. DO NOT SMOKE when loading RMS 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 hobby reload delay kit pyrotechnic components consists primarily of ammonium perchlorate and a rubber-like plastic elastomer.

Disposal

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

Fire Safety

Tests show that the pyrotechnic components of RMS™ hobby 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™ hobby reload delay kit pyrotechnic components may become involved: Direct the water at the AeroTech/RCS RMS™ hobby 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™ hobby reload delay kit pyrotechnic components. Keep hobby reload delay kit pyrotechnic components away from flames, sources of heat and flammable materials.

Disclaimer and Warranty

NOTICE: Since we cannot control the storage and use of our products, once sold we cannot assume any responsibility for product storage, transportation or usage. RCS shall not be held responsible for any personal injury or property damage resulting from the handling, storage or use of our product. The buyer assumes all risks and liabilities therefrom and accepts and uses AeroTech/RCS products on these conditions. No warranty either expressed or implied is made regarding AeroTech products, except for replacement or repair, at RCS's option, of those products which are proven to be defective in manufacture within one year from the date of original purchase. For repair or replacement under this warranty, please contact RCS. Proof of purchase will be required. Note: Your state may provide additional rights not covered by this warranty.

AeroTech Division
RCS Rocket Motor Components, Inc.
Cedar City, UT 84720
www.aerotech-rocketry.com

P/N 20407 Rev. 4/19/07
Made in U.S.A.
©2007 RCS Rocket Motor Components, Inc.
All rights reserved



0 94433 43508 9
Product no. 43508

24MM RMS™ HOBBY RELOAD DELAY KIT (HDK™)

HDK Type: HDK-08

For Use With The Following RMS™ Reload Kit(s):

D9-4W, F39-6T

This HDK Contains The Following Parts:

Part No.	Description	Qty.
03206	HDK delay element (0.407" long solid part)	3
03054	Delay spacer (0.219" long light blue paper ring)	3

NOTE: The delay o-ring, delay insulator and other parts mentioned in the HDK instructions are supplied in your RMS™ reload kit. RMS Hardware not included.

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. DO NOT SMOKE when loading RMS 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 hobby reload delay kit pyrotechnic components consists primarily of ammonium perchlorate and a rubber-like plastic elastomer.

Disposal

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

Fire Safety

Tests show that the pyrotechnic components of RMS™ hobby 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™ hobby reload delay kit pyrotechnic components may become involved: Direct the water at the Aero-Tech/RCS RMS™ hobby 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™ hobby reload delay kit pyrotechnic components. Keep hobby reload delay kit pyrotechnic components away from flames, sources of heat and flammable materials.

Disclaimer and Warranty

NOTICE: Since we cannot control the storage and use of our products, once sold we cannot assume any responsibility for product storage, transportation or usage. RCS shall not be held responsible for any personal injury or property damage resulting from the handling, storage or use of our product. The buyer assumes all risks and liabilities therefrom and accepts and uses AeroTech/RCS products on these conditions. No warranty either expressed or implied is made regarding AeroTech products, except for replacement or repair, at RCS's option, of those products which are proven to be defective in manufacture within one year from the date of original purchase. For repair or replacement under this warranty, please contact RCS. Proof of purchase will be required. Note: Your state may provide additional rights not covered by this warranty.

AeroTech Division
RCS Rocket Motor Components, Inc.
Cedar City, UT 84720
www.aerotech-rocketry.com

P/N 20408 Rev. 4/19/07
Made in U.S.A.
©2007 RCS Rocket Motor Components, Inc.
All rights reserved



0 94433 43509 6
Product no. 43509

24MM RMS™ HOBBY RELOAD DELAY KIT (HDK™)

HDK Type: HDK-09

For Use With The Following RMS™ Reload Kit(s):

D15-7T, E28-7T

This HDK Contains The Following Parts:

Part No.	Description	Qty.
03207	HDK delay element (0.438" long solid part)	3
03053	Delay spacer (0.188" long magenta paper ring)	3

NOTE: The delay o-ring, delay insulator and other parts mentioned in the HDK instructions are supplied in your RMS™ reload kit. RMS Hardware not included.

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. DO NOT SMOKE when loading RMS 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 hobby reload delay kit pyrotechnic components consists primarily of ammonium perchlorate and a rubber-like plastic elastomer.

Disposal

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

Fire Safety

Tests show that the pyrotechnic components of RMS™ hobby 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™ hobby reload delay kit pyrotechnic components may become involved: Direct the water at the Aero-Tech/RCS RMS™ hobby 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™ hobby reload delay kit pyrotechnic components. Keep hobby reload delay kit pyrotechnic components away from flames, sources of heat and flammable materials.

Disclaimer and Warranty

NOTICE: Since we cannot control the storage and use of our products, once sold we cannot assume any responsibility for product storage, transportation or usage. RCS shall not be held responsible for any personal injury or property damage resulting from the handling, storage or use of our product. The buyer assumes all risks and liabilities therefrom and accepts and uses AeroTech/RCS products on these conditions. No warranty either expressed or implied is made regarding AeroTech products, except for replacement or repair, at RCS's option, of those products which are proven to be defective in manufacture within one year from the date of original purchase. For repair or replacement under this warranty, please contact RCS. Proof of purchase will be required. Note: Your state may provide additional rights not covered by this warranty.

AeroTech Division
RCS Rocket Motor Components, Inc.
Cedar City, UT 84720
www.aerotech-rocketry.com

P/N 20408 Rev. 4/19/07
Made in U.S.A.
©2007 RCS Rocket Motor Components, Inc.
All rights reserved



0 94433 43509 6
Product no. 43509

24MM RMS™ HOBBY RELOAD DELAY KIT (HDK™)

HDK Type: HDK-09

For Use With The Following RMS™ Reload Kit(s):

D15-7T, E28-7T

This HDK Contains The Following Parts:

Part No.	Description	Qty.
03207	HDK delay element (0.438" long solid part)	3
03053	Delay spacer (0.188" long magenta paper ring)	3

NOTE: The delay o-ring, delay insulator and other parts mentioned in the HDK instructions are supplied in your RMS™ reload kit. RMS Hardware not included.

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. DO NOT SMOKE when loading RMS 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 hobby reload delay kit pyrotechnic components consists primarily of ammonium perchlorate and a rubber-like plastic elastomer.

Disposal

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

Fire Safety

Tests show that the pyrotechnic components of RMS™ hobby 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™ hobby reload delay kit pyrotechnic components may become involved: Direct the water at the Aero-Tech/RCS RMS™ hobby 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™ hobby reload delay kit pyrotechnic components. Keep hobby reload delay kit pyrotechnic components away from flames, sources of heat and flammable materials.

Disclaimer and Warranty

NOTICE: Since we cannot control the storage and use of our products, once sold we cannot assume any responsibility for product storage, transportation or usage. RCS shall not be held responsible for any personal injury or property damage resulting from the handling, storage or use of our product. The buyer assumes all risks and liabilities therefrom and accepts and uses AeroTech/RCS products on these conditions. No warranty either expressed or implied is made regarding AeroTech products, except for replacement or repair, at RCS's option, of those products which are proven to be defective in manufacture within one year from the date of original purchase. For repair or replacement under this warranty, please contact RCS. Proof of purchase will be required. Note: Your state may provide additional rights not covered by this warranty.

AeroTech Division
RCS Rocket Motor Components, Inc.
Cedar City, UT 84720
www.aerotech-rocketry.com

P/N 20409 Rev. 4/19/07
Made in U.S.A.
©2007 RCS Rocket Motor Components, Inc.
All rights reserved



0 94433 43510 2
Product no. 43510

24MM RMS™ HOBBY RELOAD DELAY KIT (HDK™)

HDK Type: HDK-10

For Use With The Following RMS™ Reload Kit(s):

D9-7W, F39-9T

This HDK Contains The Following Parts:

Part No.	Description	Qty.
03200	HDK delay element (0.500" long solid part)	3
03051	Delay spacer (0.125" long red paper ring)	3

NOTE: The delay o-ring, delay insulator and other parts mentioned in the HDK instructions are supplied in your RMS™ reload kit. RMS Hardware not included.

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. DO NOT SMOKE when loading RMS 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 hobby reload delay kit pyrotechnic components consists primarily of ammonium perchlorate and a rubber-like plastic elastomer.

Disposal

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

Fire Safety

Tests show that the pyrotechnic components of RMS™ hobby 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™ hobby reload delay kit pyrotechnic components may become involved: Direct the water at the Aero-Tech/RCS RMS™ hobby 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™ hobby reload delay kit pyrotechnic components. Keep hobby reload delay kit pyrotechnic components away from flames, sources of heat and flammable materials.

Disclaimer and Warranty

NOTICE: Since we cannot control the storage and use of our products, once sold we cannot assume any responsibility for product storage, transportation or usage. RCS shall not be held responsible for any personal injury or property damage resulting from the handling, storage or use of our product. The buyer assumes all risks and liabilities therefrom and accepts and uses AeroTech/RCS products on these conditions. No warranty either expressed or implied is made regarding AeroTech products, except for replacement or repair, at RCS's option, of those products which are proven to be defective in manufacture within one year from the date of original purchase. For repair or replacement under this warranty, please contact RCS. Proof of purchase will be required. Note: Your state may provide additional rights not covered by this warranty.

AeroTech Division
RCS Rocket Motor Components, Inc.
Cedar City, UT 84720
www.aerotech-rocketry.com

P/N 20409 Rev. 4/19/07
Made in U.S.A.
©2007 RCS Rocket Motor Components, Inc.
All rights reserved



0 94433 43510 2
Product no. 43510

24MM RMS™ HOBBY RELOAD DELAY KIT (HDK™)

HDK Type: HDK-10

For Use With The Following RMS™ Reload Kit(s):

D9-7W, F39-9T

This HDK Contains The Following Parts:

Part No.	Description	Qty.
03200	HDK delay element (0.500" long solid part)	3
03051	Delay spacer (0.125" long red paper ring)	3

NOTE: The delay o-ring, delay insulator and other parts mentioned in the HDK instructions are supplied in your RMS™ reload kit. RMS Hardware not included.

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. DO NOT SMOKE when loading RMS 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 hobby reload delay kit pyrotechnic components consists primarily of ammonium perchlorate and a rubber-like plastic elastomer.

Disposal

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

Fire Safety

Tests show that the pyrotechnic components of RMS™ hobby 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™ hobby reload delay kit pyrotechnic components may become involved: Direct the water at the AeroTech/RCS RMS™ hobby 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™ hobby reload delay kit pyrotechnic components. Keep hobby reload delay kit pyrotechnic components away from flames, sources of heat and flammable materials.

Disclaimer and Warranty

NOTICE: Since we cannot control the storage and use of our products, once sold we cannot assume any responsibility for product storage, transportation or usage. RCS shall not be held responsible for any personal injury or property damage resulting from the handling, storage or use of our product. The buyer assumes all risks and liabilities therefrom and accepts and uses AeroTech/RCS products on these conditions. No warranty either expressed or implied is made regarding AeroTech products, except for replacement or repair, at RCS's option, of those products which are proven to be defective in manufacture within one year from the date of original purchase. For repair or replacement under this warranty, please contact RCS. Proof of purchase will be required. Note: Your state may provide additional rights not covered by this warranty.

AeroTech Division
RCS Rocket Motor Components, Inc.
Cedar City, UT 84720
www.aerotech-rocketry.com

P/N 20410 Rev. 4/19/07
Made in U.S.A.
©2007 RCS Rocket Motor Components, Inc.
All rights reserved



0 94433 43511 9
Product no. 43511

24MM RMS™ HOBBY RELOAD DELAY KIT (HDK™)

HDK Type: HDK-11

For Use With The Following RMS™ Reload Kit(s):

E18-4W, F24-4W

This HDK Contains The Following Parts:

Part No.	Description	Qty.
03211	HDK delay element (0.531" long solid part)	3
03050	Delay spacer (0.094" long black paper ring)	3

NOTE: The delay o-ring, delay insulator and other parts mentioned in the HDK instructions are supplied in your RMS™ reload kit. RMS Hardware not included.

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. DO NOT SMOKE when loading RMS 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 hobby reload delay kit pyrotechnic components consists primarily of ammonium perchlorate and a rubber-like plastic elastomer.

Disposal

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

Fire Safety

Tests show that the pyrotechnic components of RMS™ hobby 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™ hobby reload delay kit pyrotechnic components may become involved: Direct the water at the AeroTech/RCS RMS™ hobby 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™ hobby reload delay kit pyrotechnic components. Keep hobby reload delay kit pyrotechnic components away from flames, sources of heat and flammable materials.

Disclaimer and Warranty

NOTICE: Since we cannot control the storage and use of our products, once sold we cannot assume any responsibility for product storage, transportation or usage. RCS shall not be held responsible for any personal injury or property damage resulting from the handling, storage or use of our product. The buyer assumes all risks and liabilities therefrom and accepts and uses AeroTech/RCS products on these conditions. No warranty either expressed or implied is made regarding AeroTech products, except for replacement or repair, at RCS's option, of those products which are proven to be defective in manufacture within one year from the date of original purchase. For repair or replacement under this warranty, please contact RCS. Proof of purchase will be required. Note: Your state may provide additional rights not covered by this warranty.

AeroTech Division
RCS Rocket Motor Components, Inc.
Cedar City, UT 84720
www.aerotech-rocketry.com

P/N 20410 Rev. 4/19/07
Made in U.S.A.
©2007 RCS Rocket Motor Components, Inc.
All rights reserved



0 94433 43511 9
Product no. 43511

24MM RMS™ HOBBY RELOAD DELAY KIT (HDK™)

HDK Type: HDK-11

For Use With The Following RMS™ Reload Kit(s):

E18-4W, F24-4W

This HDK Contains The Following Parts:

Part No.	Description	Qty.
03211	HDK delay element (0.531" long solid part)	3
03050	Delay spacer (0.094" long black paper ring)	3

NOTE: The delay o-ring, delay insulator and other parts mentioned in the HDK instructions are supplied in your RMS™ reload kit. RMS Hardware not included.

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. DO NOT SMOKE when loading RMS 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 hobby reload delay kit pyrotechnic components consists primarily of ammonium perchlorate and a rubber-like plastic elastomer.

Disposal

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

Fire Safety

Tests show that the pyrotechnic components of RMS™ hobby 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™ hobby reload delay kit pyrotechnic components may become involved: Direct the water at the AeroTech/RCS RMS™ hobby 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™ hobby reload delay kit pyrotechnic components. Keep hobby reload delay kit pyrotechnic components away from flames, sources of heat and flammable materials.

Disclaimer and Warranty

NOTICE: Since we cannot control the storage and use of our products, once sold we cannot assume any responsibility for product storage, transportation or usage. RCS shall not be held responsible for any personal injury or property damage resulting from the handling, storage or use of our product. The buyer assumes all risks and liabilities therefrom and accepts and uses AeroTech/RCS products on these conditions. No warranty either expressed or implied is made regarding AeroTech products, except for replacement or repair, at RCS's option, of those products which are proven to be defective in manufacture within one year from the date of original purchase. For repair or replacement under this warranty, please contact RCS. Proof of purchase will be required. Note: Your state may provide additional rights not covered by this warranty.

AeroTech Division
RCS Rocket Motor Components, Inc.
Cedar City, UT 84720
www.aerotech-rocketry.com

P/N 20411 Rev. 4/19/07
Made in U.S.A.
©2007 RCS Rocket Motor Components, Inc.
All rights reserved



Product no. 43512

24MM RMS™ HOBBY RELOAD DELAY KIT (HDK™)

HDK Type: HDK-12

For Use With The Following RMS™ Reload Kit(s):

E11-3J, E18-7W, F12-3J, F24-7W

This HDK Contains The Following Parts:

Part No.	Description	Qty.
03213	HDK delay element (0.625" long solid part, no spacer)	3

NOTE: The delay o-ring, delay insulator and other parts mentioned in the HDK instructions are supplied in your RMS™ reload kit. RMS Hardware not included.

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. DO NOT SMOKE when loading RMS 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 hobby reload delay kit pyrotechnic components consists primarily of ammonium perchlorate and a rubber-like plastic elastomer.

Disposal

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

Fire Safety

Tests show that the pyrotechnic components of RMS™ hobby 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™ hobby reload delay kit pyrotechnic components may become involved: Direct the water at the AeroTech/RCS RMS™ hobby 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™ hobby reload delay kit pyrotechnic components. Keep hobby reload delay kit pyrotechnic components away from flames, sources of heat and flammable materials.

Disclaimer and Warranty

NOTICE: Since we cannot control the storage and use of our products, once sold we cannot assume any responsibility for product storage, transportation or usage. RCS shall not be held responsible for any personal injury or property damage resulting from the handling, storage or use of our product. The buyer assumes all risks and liabilities therefrom and accepts and uses AeroTech/RCS products on these conditions. No warranty either expressed or implied is made regarding AeroTech products, except for replacement or repair, at RCS's option, of those products which are proven to be defective in manufacture within one year from the date of original purchase. For repair or replacement under this warranty, please contact RCS. Proof of purchase will be required. Note: Your state may provide additional rights not covered by this warranty.

AeroTech Division
RCS Rocket Motor Components, Inc.
Cedar City, UT 84720
www.aerotech-rocketry.com

P/N 20411 Rev. 4/19/07
Made in U.S.A.
©2007 RCS Rocket Motor Components, Inc.
All rights reserved



Product no. 43512

24MM RMS™ HOBBY RELOAD DELAY KIT (HDK™)

HDK Type: HDK-12

For Use With The Following RMS™ Reload Kit(s):

E11-3J, E18-7W, F12-3J, F24-7W

This HDK Contains The Following Parts:

Part No.	Description	Qty.
03213	HDK delay element (0.625" long solid part, no spacer)	3

NOTE: The delay o-ring, delay insulator and other parts mentioned in the HDK instructions are supplied in your RMS™ reload kit. RMS Hardware not included.

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. DO NOT SMOKE when loading RMS 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 hobby reload delay kit pyrotechnic components consists primarily of ammonium perchlorate and a rubber-like plastic elastomer.

Disposal

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

Fire Safety

Tests show that the pyrotechnic components of RMS™ hobby 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™ hobby reload delay kit pyrotechnic components may become involved: Direct the water at the Aero-Tech/RCS RMS™ hobby 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™ hobby reload delay kit pyrotechnic components. Keep hobby reload delay kit pyrotechnic components away from flames, sources of heat and flammable materials.

Disclaimer and Warranty

NOTICE: Since we cannot control the storage and use of our products, once sold we cannot assume any responsibility for product storage, transportation or usage. RCS shall not be held responsible for any personal injury or property damage resulting from the handling, storage or use of our product. The buyer assumes all risks and liabilities therefrom and accepts and uses AeroTech/RCS products on these conditions. No warranty either expressed or implied is made regarding AeroTech products, except for replacement or repair, at RCS's option, of those products which are proven to be defective in manufacture within one year from the date of original purchase. For repair or replacement under this warranty, please contact RCS. Proof of purchase will be required. Note: Your state may provide additional rights not covered by this warranty.

AeroTech Division
RCS Rocket Motor Components, Inc.
Cedar City, UT 84720
www.aerotech-rocketry.com

P/N 20412 Rev. 4/19/07
Made in U.S.A.
©2007 RCS Rocket Motor Components, Inc.
All rights reserved

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 hobby reload delay kit pyrotechnic components consists primarily of ammonium perchlorate and a rubber-like plastic elastomer.

Disposal

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

Fire Safety

Tests show that the pyrotechnic components of RMS™ hobby 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™ hobby reload delay kit pyrotechnic components may become involved: Direct the water at the Aero-Tech/RCS RMS™ hobby 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™ hobby reload delay kit pyrotechnic components. Keep hobby reload delay kit pyrotechnic components away from flames, sources of heat and flammable materials.

Disclaimer and Warranty

NOTICE: Since we cannot control the storage and use of our products, once sold we cannot assume any responsibility for product storage, transportation or usage. RCS shall not be held responsible for any personal injury or property damage resulting from the handling, storage or use of our product. The buyer assumes all risks and liabilities therefrom and accepts and uses AeroTech/RCS products on these conditions. No warranty either expressed or implied is made regarding AeroTech products, except for replacement or repair, at RCS's option, of those products which are proven to be defective in manufacture within one year from the date of original purchase. For repair or replacement under this warranty, please contact RCS. Proof of purchase will be required. Note: Your state may provide additional rights not covered by this warranty.

AeroTech Division
RCS Rocket Motor Components, Inc.
Cedar City, UT 84720
www.aerotech-rocketry.com

P/N 20412 Rev. 4/19/07
Made in U.S.A.
©2007 RCS Rocket Motor Components, Inc.
All rights reserved



Product no. 43513

24MM RMS™ HOBBY RELOAD DELAY KIT (HDK™)

HDK Type: HDK-13

For Use With The Following RMS™ Reload Kit(s):

F12-5J

This HDK Contains The Following Parts:

Part No.	Description	Qty.
03223	HDK delay "slow" element (0.625" long solid part, no spacer)	3

NOTE: The delay o-ring, delay insulator and other parts mentioned in the HDK instructions are supplied in your RMS™ reload kit. RMS Hardware not included.

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. DO NOT SMOKE when loading RMS motors or use in the vicinity of open flames.



Product no. 43513

24MM RMS™ HOBBY RELOAD DELAY KIT (HDK™)

HDK Type: HDK-13

For Use With The Following RMS™ Reload Kit(s):

F12-5J

This HDK Contains The Following Parts:

Part No.	Description	Qty.
03223	HDK delay "slow" element (0.625" long solid part, no spacer)	3

NOTE: The delay o-ring, delay insulator and other parts mentioned in the HDK instructions are supplied in your RMS™ reload kit. RMS Hardware not included.

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. DO NOT SMOKE when loading RMS motors or use in the vicinity of open flames.