

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-17-113
Relating to Certification of New Motor Vehicles

JEEP EAGLE CORPORATION

Pursuant to the authority vested in the Air Resources Board by the Health and Safety Code, Division 26, Part 5, Chapter 2; and

Pursuant to the authority vested in the undersigned by Health and Safety Code Sections 39515 and 39516 and Executive Orders G-45-3 and G-45-4;

IT IS ORDERED AND RESOLVED: That 1990 model-year Jeep Eagle Corporation emission control systems are certified as described below for gasoline-powered light-duty trucks:

Engine Family: LAM150T5LADX Displacement: 2.5 Liters³ (150 Inches³)

Equipped with the following exhaust emission control systems:

Exhaust Gas Recirculation
Heated Oxygen Sensor
Three-Way Catalyst
Throttle Body Electronic Fuel Injection
No On-Board Diagnostic System (Exempted)

Vehicle models, transmissions, engine codes and evaporative emission control families are listed on attachments.

The following are the emission standards for this engine family:

| <u>Loaded Vehicle Weight (lbs.)</u> | <u>Hydrocarbons (Grams per Mile)</u> | <u>Carbon Monoxide (Grams per Mile)</u> | <u>Nitrogen Oxides (Grams per Mile)</u> |
|-------------------------------------|--------------------------------------|---|---|
| 0-3750 | 0.39 | 9.0 | 1.0 |

The following are the certification emission values for this engine family:

| <u>Loaded Vehicle Weight (lbs.)</u> | <u>Hydrocarbons (Grams per Mile)</u> | <u>Carbon Monoxide (Grams per Mile)</u> | <u>Nitrogen Oxides (Grams per Mile)</u> |
|-------------------------------------|--------------------------------------|---|---|
| 0-3750 | 0.17 | 3.8 | 0.2 |

BE IT FURTHER RESOLVED: That the vehicle manufacturer is certifying the listed models to the optional NOx standard based on special permission granted to Chrysler Motors Corporation by the Executive Officer in a letter dated December 14, 1987.

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model Gasoline-Powered Motor Vehicles".

BE IT FURTHER RESOLVED: That the listed models are certified to the optional NOx emission standard thereby making the vehicle manufacturer subject to Section 1960.1.5 of Title 13, California Code of Regulations which includes recall liability for emission control components up to 7 years or 75,000 miles if found defective by the Executive Officer.

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's "Specifications for Fill Pipes and Openings of Motor Vehicle Fuel Tanks" (Title 13, California Code of Regulations, Section 2290) for the aforementioned model-year.

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's high altitude requirements and highway emission standards as stipulated in "California Exhaust Emission Standards and Test Procedures for 1988 and Subsequent Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles".

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the "California Motor Vehicle Emission Control Label Specifications" (Title 13, California Code of Regulations, Section 1965) for the aforementioned model year.

BE IT FURTHER RESOLVED: That the vehicle models listed have been granted an exemption from compliance with the requirements of the "Malfunction and Diagnostic System for 1988 and Subsequent Model Year[s]..." (Title 13, California Code of Regulations, Section 1968) for the aforementioned model year.

BE IT FURTHER RESOLVED: That for the listed vehicles, the manufacturer has submitted and the Executive Officer hereby approves the materials to demonstrate certification compliance with the Board's emission control system warranty provisions (Health and Safety Code Section 43205).

Vehicles certified under this Executive Order must conform to all applicable California emission regulations.

The Bureau of Automotive Repair will be notified by copy of this order and attachment.

Executed at El Monte, California this 19th day of April, 1989.


K. D. Drachand, Chief
Mobile Source Division

1990 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer Jeep Eagle Corporation Engine Family LAM150T5LADX

Passenger Cars Light-Duty Trucks Medium-Duty Vehicles Gas Diesel
LT-150J-1S
Eng. Type I4 Liter (CID) 2.5 (150) Evap. Family LT-150H-1P
LT-150G-1S

Emission Control System
(Use SAE Abbrv.) EGR, HO2S, TWC, TBI

Engine: Front Mid. Rear Drive: FWD RWD 4WD-FT 4WD-PT

| Eng. Code/ (Cert Std.) | Veh. Models (If Coded See Attachment) | Trans Type A-Auto M-Man. | Equiv. Test Weight | RLHP or DPA | Ign. Sys. (ECU/PROM) Part No. | EGR System Part No. | Catalyst Part No. |
|---------------------------|--|--------------------------------|--------------------|----------------|---|---------------------------|--|
| 1A1 (.39/9.0/1.0) | XJTL72 | A | 3250 | See Attachment | 33 004 461 53 002 107 (53 004 764) (ID.20.84.EE) | 53 002 483 ID.17086072 | 52 003 723 ID.956023 ID.25104455 |
| | MJTL61 XJTL74 | | 3375 | | | | |
| | XJJL72 XJJL74 | | 3500 | | | | |
| | MJJL61 | | 3625 | | | | |
| 1A2 (.39/9.0/1.0) | MJTL61 XJTL72 XJTL74 | | 3250 | | | | |
| | XJJL72 XJJL74 | | 3375 | | | | |
| | MJJL61 | | 3500 | | | | |
| 1M3 (.39/9.0/1.0) | MJTL61 XJTL72 XJTL74 | M | 3250 | | 33 004 461 53 002 107 (53 004 763) (ID.20.84.7E) | | |
| | MJTL62 XJJL72 | | 3375 | | | | |
| | MJJL61 XJJL74 | | 3500 | | | | |

Date of Issue: _____

Revisions: _____

1990 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer Jeep Eagle Corporation Engine Family LAM150T5LADX

Passenger Cars Light-Duty Trucks X Medium-Duty Vehicles Gas X Diesel
LT-150J-1S

Eng. Type I4 Liter (CID) 2.5 (150) Evap. Family LT-150H-1P
LT-150G-1S

Emission Control System
 (Use SAE Abbrv.) EGR, HO2S, TWC, TBI

Engine: Front X Mid. Rear Drive: FWD RWD X 4WD-FT 4WD-PT X

| Eng. Code/ (Cert Std.) | Veh. Models (If Coded See Attachment) | Trans Type A-Auto M-Man. | Equiv. Test Weight | RLHP or DPA | Ign. Sys. (ECU/PROM) Part No. | EGR System Part No. | Catalyst Part No. |
|------------------------|---------------------------------------|--------------------------|--------------------|-------------|--|---------------------|-------------------|
| | MJL62 | | 3625 | | | | |
| 1M4 (.39/9.0/1.0) | MJTL61 XJTL72 XJTL74 | | 3250 | | | | |
| | MJTL62 XJL72 XJL74 | | 3375 | | | | |
| | MJL61 | | 3500 | | | | |
| | MJL62 | | 3625 | | | | |
| 1M1 (.39/9.0/1.0) | YJL77 | | 3250 | | 33 004 461 53 002 107 (53 005 023) (ID.20.70.M57) | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

Date of Issue: _____

Revisions: _____

ATTACHMENT TO SUPPLEMENTAL DATA SHEET (S.D.S.) PAGES 1 & 2

LOADED VEHICLE WEIGHT (LVW): 0 - 3750

APPLICABLE STANDARDS: .39 / 9.0 / 1.0

| ENGINE CODE | MODEL CODE | MODEL DESCRIPTION | TRANS. | AC USAGE |
|-------------|------------|--------------------------------------|--------|----------|
| 1A1 | XJTL72 | Cherokee 2WD, 2 Door Wagon | Auto | W/AC |
| | MJTL61 | Comanche 2WD, Short Bed Pickup Truck | Auto | W/AC |
| | XJTL74 | Cherokee 2WD, 4 Door Wagon | Auto | W/AC |
| | XJTL72 | Cherokee 4WD, 2 Door Wagon | Auto | W/AC |
| | XJTL74 | Cherokee 4WD, 4 Door Wagon | Auto | W/AC |
| | MJTL61 | Comanche 4WD, Short Bed Pickup Truck | Auto | W/AC |
| 1A2 | MJTL61 | Comanche 2WD, Short Bed Pickup Truck | Auto | WO/AC |
| | XJTL72 | Cherokee 2WD, 2 Door Wagon | Auto | WO/AC |
| | XJTL74 | Cherokee 2WD, 4 Door Wagon | Auto | WO/AC |
| | XJTL72 | Cherokee 4WD, 2 Door Wagon | Auto | WO/AC |
| | XJTL74 | Cherokee 4WD, 4 Door Wagon | Auto | WO/AC |
| | MJTL61 | Comanche 4WD, Short Bed Pickup Truck | Auto | WO/AC |
| 1M3 | MJTL61 | Comanche 2WD, Short Bed Pickup Truck | Manual | W/AC |
| | XJTL72 | Cherokee 2WD, 2 Door Wagon | Manual | W/AC |
| | XJTL74 | Cherokee 2WD, 4 Door Wagon | Manual | W/AC |
| | MJTL62 | Comanche 2WD, Long Bed Pickup Truck | Manual | W/AC |
| | XJTL72 | Cherokee 4WD, 2 Door Wagon | Manual | W/AC |
| | MJTL61 | Comanche 4WD, Short Bed Pickup Truck | Manual | W/AC |
| | XJTL74 | Cherokee 4WD, 4 Door Wagon | Manual | W/AC |
| | MJTL62 | Comanche 4WD, Long Bed Pickup Truck | Manual | W/AC |
| 1M4 | MJTL61 | Comanche 2WD, Short Bed Pickup Truck | Manual | WO/AC |
| | XJTL72 | Cherokee 2WD, 2 Door Wagon | Manual | WO/AC |
| | XJTL74 | Cherokee 2WD, 4 Door Wagon | Manual | WO/AC |
| | MJTL62 | Comanche 2WD, Long Bed Pickup Truck | Manual | WO/AC |
| | XJTL72 | Cherokee 4WD, 2 Door Wagon | Manual | WO/AC |
| | XJTL74 | Cherokee 4WD, 4 Door Wagon | Manual | WO/AC |
| | MJTL61 | Comanche 4WD, Short Bed Pickup Truck | Manual | WO/AC |
| | MJTL62 | Comanche 4WD, Long Bed Pickup Truck | Manual | WO/AC |
| 1M1 | YJTL77 | Wrangler, Open Truck | Manual | WO/AC |

E.F. LAM150T5LADX

ENGINE FAMILY: LAM2.5T5LAD9
LAM150T5LADX

| VEHICLE | A/C | TOTAL WEIGHT | AXLE WEIGHT | TEST WEIGHT | ENGINE | TRANS |
|--|-----|--------------|-------------|-------------|--------|-------|
| MJ MODEL CODE MJJL61 PICKUP 4 WD | YES | 3294 | 1373 | 3625 | 150 | L-4 |
| | NO | 3245 | 1373 | 3500 | 150 | L-4 |
| | YES | 3234 | 1354 | 3500 | 150 | M-4 |
| | NO | 3185 | 1354 | 3500 | 150 | M-4 |
| | YES | 3240 | 1356 | 3500 | 150 | M-5 |
| | NO | 3191 | 1356 | 3500 | 150 | M-5 |

ENGINE FAMILY: LAM2.5T5LAD9
LAM150T5LADX

| VEHICLE | A/C | TOTAL WEIGHT | AXLE WEIGHT | TEST WEIGHT | ENGINE | TRANS |
|--|-----|--------------|-------------|-------------|--------|-------|
| MJ MODEL CODE MJJL62 PICKUP 4 WD | YES | 3338 | 1427 | 3625 | 150 | M-5 |
| | NO | 3289 | 1427 | 3625 | 150 | M-5 |

ENGINE FAMILY: LAM2.5T5LAD9
LAM150T5LADX

| VEHICLE | A/C | TOTAL WEIGHT | AXLE WEIGHT | TEST WEIGHT | ENGINE | TRANS |
|--|-----|--------------|-------------|-------------|--------|-------|
| MJ MODEL CODE MJTL61 PICKUP 2 WD | YES | 3040 | 1322 | 3375 | 150 | L-4 |
| | NO | 2991 | 1322 | 3250 | 150 | L-4 |
| | YES | 3009 | 1308 | 3250 | 150 | M-4 |
| | NO | 2960 | 1308 | 3250 | 150 | M-4 |
| | YES | 3015 | 1310 | 3375 | 150 | M-5 |
| | NO | 2966 | 1310 | 3250 | 150 | M-5 |

ENGINE FAMILY: LAM2.5T5LAD9
LAM150T5LADX

| VEHICLE | A/C | TOTAL WEIGHT | AXLE WEIGHT | TEST WEIGHT | ENGINE | TRANS |
|--|-----|--------------|-------------|-------------|--------|-------|
| MJ MODEL CODE MJTL62 PICKUP 2 WD | YES | 3121 | 1387 | 3375 | 150 | M-5 |
| | NO | 3072 | 1387 | 3375 | 150 | M-5 |

ENGINE FAMILY: LAM2.5T5LAD9
LAM150T5LADX

| VEHICLE | TANK | A/C | TOTAL WEIGHT | AXLE WEIGHT | TEST WEIGHT | ENGINE | TRANS |
|-------------------------------------|---------|-----|--------------|-------------|-------------|--------|-------|
| YJ MODEL CODE YJL77 2-DOOR | PLASTIC | NO | 2934 | 1420 | 3250 | 150 | M-5 |
| | STEEL | NO | 2906 | 1392 | 3250 | 150 | M-5 |

E.O. No. A-17-113

E.F. LAM150T5LADX

ENGINE FAMILY: LAM2.5T5LAD9
LAM150T5LADXENGINE FAMILY: LAM2.5T5LAD9
LAM150T5LADX

| VEHICLE | A/C | TOTAL WEIGHT | AXLE WEIGHT | TEST WEIGHT | ENGINE | TRANS |
|------------|-----|--------------|-------------|-------------|--------|-------|
| XJ | YES | 3145 | 1394 | 3375 | 150 | L-4 |
| MODEL CODE | | | | | | |
| XJL72 | NO | 3096 | 1394 | 3375 | 150 | L-4 |
| 2-DOOR | | | | | | |
| 4 WD | YES | 3101 | 1381 | 3375 | 150 | M-5 |
| | NO | 3052 | 1381 | 3375 | 150 | M-5 |

| VEHICLE | A/C | TOTAL WEIGHT | AXLE WEIGHT | TEST WEIGHT | ENGINE | TRANS |
|------------|-----|--------------|-------------|-------------|--------|-------|
| XJ | YES | 3184 | 1422 | 3500 | 150 | L-4 |
| MODEL CODE | | | | | | |
| XJL74 | NO | 3135 | 1422 | 3375 | 150 | L-4 |
| 4-DOOR | | | | | | |
| 4 WD | YES | 3140 | 1409 | 3500 | 150 | M-5 |
| | NO | 3091 | 1409 | 3375 | 150 | M-5 |

ENGINE FAMILY: LAM2.5T5LAD9
LAM150T5LADXENGINE FAMILY: LAM2.5T5LAD9
LAM150T5LADX

| VEHICLE | A/C | TOTAL WEIGHT | AXLE WEIGHT | TEST WEIGHT | ENGINE | TRANS |
|------------|-----|--------------|-------------|-------------|--------|-------|
| XJ | YES | 2982 | 1375 | 3250 | 150 | L-4 |
| MODEL CODE | | | | | | |
| XJL72 | NO | 2933 | 1375 | 3250 | 150 | L-4 |
| 2-DOOR | | | | | | |
| 2 WD | YES | 2940 | 1363 | 3250 | 150 | M-5 |
| | NO | 2891 | 1363 | 3250 | 150 | M-5 |

| VEHICLE | A/C | TOTAL WEIGHT | AXLE WEIGHT | TEST WEIGHT | ENGINE | TRANS |
|------------|-----|--------------|-------------|-------------|--------|-------|
| XJ | YES | 3036 | 1415 | 3375 | 150 | L-4 |
| MODEL CODE | | | | | | |
| XJL74 | NO | 2987 | 1415 | 3250 | 150 | L-4 |
| 4-DOOR | | | | | | |
| 2 WD | YES | 2994 | 1403 | 3250 | 150 | M-5 |
| | NO | 2945 | 1403 | 3250 | 150 | M-5 |

1990 LDT COASTDOWN DATA

E.O. No. A-17-113
E.F. LAM150T5LADX

| MODEL | TEST WEIGHT CLASS | TIRE SIZE | MFR. | TIRE NAME | CONST | TYPE | PSI | COASTDOWN TIME | | | DPA SETTING | | | |
|-----------------------------|--------------------------|--------------------------|-----------------------------|-----------------------------|--------------|--------------|-------|----------------|-------|-------|-------------|-------|-----------------|-----------------|
| | | | | | | | | W/O AC | W/ AC | W/ AC | W/O AC | W/ AC | W/ AC | |
| MJJ AUTO TR. 2.5L ENG | 3500 | P195/75R15 P205/75R15 | GY | INVICTA GL | SBR | A/S | 33 | 12.44 | TNC | 13.0 | TNC | 13.0 | W/ AC | |
| | | | GY | INVICTA GL SPECIAL ORDER | SBR C/D | A/S GROUP | 30 | | | | | | | TPF 4AJ |
| | | P195/75R15 P205/75R15 | MI | XA4 | SBR | A/S | 33 | 12.23 | TNC | 12.7 | TNC | 12.7 | W/ AC | |
| | | | MI | XW4 SPECIAL ORDER | SBR C/D | A/S GROUP | 30 | | | | | | | TPF 4AJ |
| | | P215/75R15 P225/75R15 | GY | WRANGLER | SBR | M/S | 30 | 11.75 | TNC | 12.5 | TNC | 12.5 | W/ AC | |
| | | | GY | WRANGLER SPECIAL ORDER | SBR C/D | M/S GROUP | 30 | | | | | | | TRN, TRP 4AK |
| | P215/75R15 P225/75R15 | MI | XCAT | SBR | M/S | 30 | 11.57 | TNC | 13.0 | TNC | 13.0 | W/ AC | | |
| | | MI | XCAT SPECIAL ORDER | SBR C/D | M/S GROUP | 30 | | | | | | | TRN, TRP 4AL | |
| | 3625 | P195/75R15 P205/75R15 | GY | INVICTA GL | SBR | A/S | 33 | 12.83 | 11.91 | 13.0 | 13.0 | 14.4 | W/ AC | |
| | | | GY | INVICTA GL SPECIAL ORDER | SBR C/D | A/S GROUP | 30 | | | | | | | TPF 4AJ |
| | | P195/75R15 P205/75R15 | MI | XA4 | SBR | A/S | 33 | 12.61 | 11.76 | 12.6 | 14.1 | TNC | 14.1 | W/ AC |
| | | | MI | XW4 SPECIAL ORDER | SBR C/D | A/S GROUP | 30 | | | | | | | |
| P215/75R15 P225/75R15 | | GY | WRANGLER | SBR | M/S | 30 | 12.12 | 11.32 | 12.6 | 13.9 | TNC | 13.9 | W/ AC | |
| | | GY | WRANGLER SPECIAL ORDER | SBR C/D | M/S GROUP | 30 | | | | | | | | TRN, TRP 4AK |
| P215/75R15 P225/75R15 | MI | XCAT | SBR | M/S | 30 | 11.93 | 11.13 | 13.1 | 14.4 | TNC | 14.4 | W/ AC | | |
| | MI | XCAT SPECIAL ORDER | SBR C/D | M/S GROUP | 30 | | | | | | | | TRN, TRP 4AL | |
| 3750 | P195/75R15 P205/75R15 | GY | INVICTA GL | SBR | A/S | 33 | 13.19 | 12.25 | 13.0 | 14.3 | TNC | 14.3 | W/ AC | |
| | | GY | INVICTA GL SPECIAL ORDER | SBR C/D | A/S GROUP | 30 | | | | | | | | TPF 4AK |
| | P195/75R15 P205/75R15 | MI | XA4 | SBR | A/S | 33 | 12.96 | 12.09 | 12.7 | 14.0 | TNC | 14.0 | W/ AC | |
| | | MI | XW4 SPECIAL ORDER | SBR C/D | A/S GROUP | 30 | | | | | | | | TPF 4AL |
| | P215/75R15 P225/75R15 | GY | WRANGLER | SBR | M/S | 30 | 12.45 | 11.64 | 12.5 | 13.8 | TNC | 13.8 | W/ AC | |
| | | GY | WRANGLER SPECIAL ORDER | SBR C/D | M/S GROUP | 30 | | | | | | | | TRN, TRP 4AJ |
| P215/75R15 P225/75R15 | MI | XCAT | SBR | M/S | 30 | 12.25 | 11.43 | 13.0 | 14.3 | TNC | 14.3 | W/ AC | | |
| | MI | XCAT SPECIAL ORDER | SBR C/D | M/S GROUP | 30 | | | | | | | | TRN, TRP 4AJ | |

1990 LDT COASTDOWN DATA

| MODEL | TEST WEIGHT CLASS | TIRE SIZE | MFR. | TIRE NAME | CONST | TYPE | PSI | SALES CODE | COASTDOWN TIME | | | DPA SETTING | | |
|----------------------------|--------------------------|--------------------------|---------------------------|-----------------------------|--------------|-----------------|-----------------|-----------------|----------------|-------|--------|-------------|--------|-------|
| | | | | | | | | | W/O AC | W/ AC | W/O AC | W/ AC | W/O AC | W/ AC |
| MJJ MAN TR. 2.5L ENG | 3500 | P195/75R15 P205/75R15 | GY | INVICTA GL | SBR | A/S | 33 | TNC | 12.69 | 12.77 | 12.9 | 14.2 | 12.9 | 14.2 |
| | | | GY | INVICTA GL SPECIAL ORDER | SBR C/D | A/S GROUP | 30 | TPF 4AH | | | | | | |
| | | P195/75R15 P205/75R15 | MI | XA4 | SBR | A/S | 33 | TNC | 12.48 | 11.61 | 12.7 | 14.0 | 12.7 | 14.0 |
| | | | MI | XW4 SPECIAL ORDER | SBR C/D | A/S GROUP | 30 | TPF 4AJ | | | | | | |
| | | P215/75R15 P225/75R15 | GY | WRANGLER | SBR | M/S | 30 | TMM | 11.90 | 11.18 | 12.5 | 13.8 | 12.5 | 13.8 |
| | | | GY | WRANGLER SPECIAL ORDER | SBR C/D | M/S GROUP | 30 | TRN, TRP 4AK | | | | | | |
| | P215/75R15 P225/75R15 | MI | XCAT | SBR | M/S | 30 | TMM | 11.81 | 11.00 | 12.9 | 14.3 | 12.9 | 14.3 | |
| | | MI | XCAT SPECIAL ORDER | SBR C/D | M/S GROUP | 30 | TRN, TRP 4AL | | | | | | | |
| | 3625 | P195/75R15 P205/75R15 | GY | INVICTA GL | SBR | A/S | 33 | TNC | 13.05 | 12.11 | 12.9 | 14.2 | 12.9 | 14.2 |
| | | | GY | INVICTA GL SPECIAL ORDER | SBR C/D | A/S GROUP | 30 | TPF 4AH | | | | | | |
| | | P195/75R15 P205/75R15 | MI | XA4 | SBR | A/S | 33 | TNC | 12.83 | 11.95 | 12.6 | 13.9 | 12.6 | 13.9 |
| | | | MI | XW4 SPECIAL ORDER | SBR C/D | A/S GROUP | 30 | TPF 4AJ | | | | | | |
| P215/75R15 P225/75R15 | | GY | WRANGLER | SBR | M/S | 30 | TMM | 12.32 | 11.50 | 12.4 | 13.7 | 12.4 | 13.7 | |
| | | GY | WRANGLER SPECIAL ORDER | SBR C/D | M/S GROUP | 30 | TRN, TRP 4AK | | | | | | | |
| P215/75R15 P225/75R15 | MI | XCAT | SBR | M/S | 30 | TMM | 12.13 | 11.30 | 12.9 | 14.2 | 12.9 | 14.2 | | |
| | MI | XCAT SPECIAL ORDER | SBR C/D | M/S GROUP | 30 | TRN, TRP 4AL | | | | | | | | |

1990 LDT COASTDOWN DATA

E.O. No. A-17-113
E.F. LAM150T5LADY

| MODEL | TEST WEIGHT CLASS | TIRE SIZE | MFR. | TIRE NAME | CONST | TYPE | PSI | SALES CODE | COASTDOWN TIME | | | DPA SETTING |
|-----------------------------|-------------------|-----------------------|-----------------------------|-----------------------------|--------------|-----------------|-----------------|-----------------|----------------|-------|--------|-------------|
| | | | | | | | | | W/O AC | W/ AC | W/O AC | |
| MJT AUTO TR. 2.5L ENG | 3250 | P195/75R15 | GY | INVICTA GL | SBR | A/S | 33 | TNC | 12.80 | | | 12.0 |
| | | P205/75R15 | GY | INVICTA GL SPECIAL ORDER | SBR C/D | A/S GROUP | 30 | TPF 4AK | | | | |
| | | P195/75R15 | MI | XA4 | SBR | A/S | 33 | TNC | 13.07 | | | 10.9 |
| | | P205/75R15 | MI | XW4 SPECIAL ORDER | SBR C/D | A/S GROUP | 30 | TPF 4AL | | | | |
| | | P215/75R15 | GY | WRANGLER | SBR | M/S | 30 | TMW | 12.11 | | | 11.5 |
| | | P225/75R15 | GY | WRANGLER SPECIAL ORDER | SBR C/D | M/S GROUP | 30 | TRN, TRP 4AJ | | | | |
| | P215/75R15 | MI | XCAT | SBR | M/S | 30 | TMW | 12.09 | | | 11.9 | |
| | P225/75R15 | MI | XCAT SPECIAL ORDER | SBR C/D | M/S GROUP | 30 | TRN, TRP 4AH | | | | | |
| | 3375 | P195/75R15 | GY | INVICTA GL | SBR | A/S | 33 | TNC | 13.24 | 12.27 | 12.1 | 13.3 |
| | | P205/75R15 | GY | INVICTA GL SPECIAL ORDER | SBR C/D | A/S GROUP | 30 | TPF 4AH | | | | |
| | | P195/75R15 | MI | XA4 | SBR | A/S | 33 | TNC | 13.50 | 12.57 | 11.0 | 12.1 |
| | | P205/75R15 | MI | XW4 SPECIAL ORDER | SBR C/D | A/S GROUP | 30 | TPF 4AJ | | | | |
| P215/75R15 | | GY | WRANGLER | SBR | M/S | 30 | TMW | 12.51 | 11.67 | 11.6 | 12.6 | |
| P225/75R15 | | GY | WRANGLER SPECIAL ORDER | SBR C/D | M/S GROUP | 30 | TRN, TRP 4AK | | | | | |
| P215/75R15 | MI | XCAT | SBR | M/S | 30 | TMW | 12.49 | 11.64 | 12.0 | 13.2 | | |
| P225/75R15 | MI | XCAT SPECIAL ORDER | SBR C/D | M/S GROUP | 30 | TRN, TRP 4AL | | | | | | |
| 3500 | P195/75R15 | GY | INVICTA GL | SBR | A/S | 33 | TNC | 13.64 | 12.65 | 12.1 | 13.3 | |
| | P205/75R15 | GY | INVICTA GL SPECIAL ORDER | SBR C/D | A/S GROUP | 30 | TPF 4AH | | | | | |
| | P195/75R15 | MI | XA4 | SBR | A/S | 33 | TNC | 13.89 | 12.94 | 10.9 | 12.0 | |
| | P205/75R15 | MI | XW4 SPECIAL ORDER | SBR C/D | A/S GROUP | 30 | TPF 4AJ | | | | | |
| | P215/75R15 | GY | WRANGLER | SBR | M/S | 30 | TMW | 12.87 | 12.02 | 11.5 | 12.7 | |
| | P225/75R15 | GY | WRANGLER SPECIAL ORDER | SBR C/D | M/S GROUP | 30 | TRN, TRP 4AK | | | | | |
| P215/75R15 | MI | XCAT | SBR | M/S | 30 | TMW | 12.84 | 11.98 | 11.9 | 13.1 | | |
| P225/75R15 | MI | XCAT SPECIAL ORDER | SBR C/D | M/S GROUP | 30 | TRN, TRP 4AL | | | | | | |

1990 LDT COASTDOWN DATA

E.O. No. A-17-113
 E.F. LAM150T5LADX

F

TEST WEIGHT CLASS

COASTDOWN TIME

DPA SETTING

MODEL TIRE SIZE MFR. TIRE NAME CONST TYPE PSI SALES CODE W/O AC W/ AC W/O AC W/ AC

| MODEL | TIRE SIZE | MFR. | TIRE NAME | CONST | TYPE | PSI | SALES CODE | W/O AC | W/ AC | W/O AC | W/ AC |
|-------|------------|------|--------------------------|---------|-------|-----|--------------|--------|-------|--------|-------|
| 3250 | P195/75R15 | GY | INVICTA GL | SBR | A/S | 33 | TNC | 13.66 | | 12.0 | |
| | P205/75R15 | GY | INVICTA GL SPECIAL ORDER | SBR C/D | GROUP | 30 | TPF 4AH | | | | |
| | P195/75R15 | MI | XA4 | SBR | A/S | 33 | TNC | 13.34 | | 10.9 | |
| | P205/75R15 | MI | XW4 SPECIAL ORDER | SBR C/D | GROUP | 30 | TPF 4AJ | | | | |
| | P215/75R15 | GY | WRANGLER | SBR | M/S | 30 | TMM | 12.34 | | 11.5 | |
| | P225/75R15 | GY | WRANGLER SPECIAL ORDER | SBR C/D | GROUP | 30 | TRN, TRP 4AK | | | | |
| | P215/75R15 | MI | XCAT | SBR | M/S | 30 | TMM | 12.32 | | 11.8 | |
| | P225/75R15 | MI | XCAT SPECIAL ORDER | SBR C/D | GROUP | 30 | TRN, TRP 4AL | | | | |
| 3375 | P195/75R15 | GY | INVICTA GL | SBR | A/S | 33 | TNC | 13.50 | 12.49 | 12.1 | 13.3 |
| | P205/75R15 | GY | INVICTA GL SPECIAL ORDER | SBR C/D | GROUP | 30 | TPF 4AH | | | | |
| | P195/75R15 | MI | XA4 | SBR | A/S | 33 | TNC | 13.78 | 12.81 | 11.0 | 12.1 |
| | P205/75R15 | MI | XW4 SPECIAL ORDER | SBR C/D | GROUP | 30 | TPF 4AJ | | | | |
| | P215/75R15 | GY | WRANGLER | SBR | M/S | 30 | TMM | 12.76 | 11.88 | 11.6 | 12.8 |
| | P225/75R15 | GY | WRANGLER SPECIAL ORDER | SBR C/D | GROUP | 30 | TRN, TRP 4AK | | | | |
| | P215/75R15 | MI | XCAT | SBR | M/S | 30 | TMM | 12.73 | 11.85 | 11.9 | 13.1 |
| | P225/75R15 | MI | XCAT SPECIAL ORDER | SBR C/D | GROUP | 30 | TRN, TRP 4AL | | | | |

1990 LDT COASTDOWN DATA

E.O. No. A-17-113
E.F. LAM150T5LADX

| MODEL | TEST WEIGHT CLASS | TIRE SIZE | MFR. | TIRE NAME | CONST | TYPE | PSI | SALES CODE | COASTDOWN TIME | | DPA SETTING | | |
|-----------------------------|--------------------------|--------------------------|---------------------------|-----------------------------|--------------|--------------|------------|-----------------|----------------|-------|-------------|------|--|
| | | | | | | | | | W/O AC | W/ AC | W/O AC | W/AC | |
| XJJ AUTO TR. 2.5L ENG | 3375 | P195/75R15 P205/75R15 | GY | INVICTA GL | SBR | A/S | 33 | TNC | 12.61 | | 12.1 | | |
| | | | GY | INVICTA GL SPECIAL ORDER | SBR C/D | A/S GROUP | 30 | TPF, TPG 4AK | | | | | |
| | | P195/75R15 P205/75R15 | MI | XA4 | SBR | A/S | 33 | TNC | 12.60 | | 11.5 | | |
| | | | MI | XW4 SPECIAL ORDER | SBR C/D | A/S GROUP | 30 | TPF, TPG 4AL | | | | | |
| | | P215/75R15 P225/75R15 | GY | WRANGLER | SBR | M/S | 30 | TMM | 11.88 | | 11.6 | | |
| | | | GY | WRANGLER SPECIAL ORDER | SBR C/D | M/S GROUP | 30 | TRN 4AJ | | | | | |
| | P215/75R15 P225/75R15 | MI | XCAT | SBR | M/S | 30 | TMM | 11.69 | | 12.2 | | | |
| | | MI | XCAT SPECIAL ORDER | SBR C/D | M/S GROUP | 30 | TRN 4AH | | | | | | |
| | 3500 | P195/75R15 P205/75R15 | GY | INVICTA GL | SBR | A/S | 33 | TNC | 13.01 | 12.12 | 12.2 | 13.4 | |
| | | | GY | INVICTA GL SPECIAL ORDER | SBR C/D | A/S GROUP | 30 | TPF, TPG 4AH | | | | | |
| | | P195/75R15 P205/75R15 | MI | XA4 | SBR | A/S | 33 | TNC | 13.01 | 12.14 | 11.6 | 12.8 | |
| | | | MI | XW4 SPECIAL ORDER | SBR C/D | A/S GROUP | 30 | TPF, TPG 4AJ | | | | | |
| P215/75R15 P225/75R15 | | GY | WRANGLER | SBR | M/S | 30 | TMM | 12.26 | 11.50 | 11.7 | 12.9 | | |
| | | GY | WRANGLER SPECIAL ORDER | SBR C/D | M/S GROUP | 30 | TRN 4AK | | | | | | |
| P215/75R15 P225/75R15 | MI | XCAT | SBR | M/S | 30 | TMM | 12.06 | 11.28 | 12.3 | 13.5 | | | |
| | MI | XCAT SPECIAL ORDER | SBR C/D | M/S GROUP | 30 | TRN 4AL | | | | | | | |

E.O. No. A-17-113

E.F. IAM150T5IADX

1990 LDT COASTDOWN DATA

TEST WEIGHT CLASS

COASTDOWN TIME W/O AC W/ AC W/O AC W/ AC

DPA SETTING

MODEL XJJ MAN TR. 2.5L ENG

| MODEL | TIRE SIZE | MFR. | TIRE NAME | CONST | TYPE | PSI | SALES CODE | W/O AC | W/ AC | W/O AC | W/ AC |
|-------|------------|------|--------------------------|---------|-------|-----|--------------|--------|-------|--------|-------|
| 3375 | P195/75R15 | GY | INVICTA GL | SBR | A/S | 33 | TNC | 12.86 | 11.96 | 12.1 | 13.3 |
| | P205/75R15 | GY | INVICTA GL SPECIAL ORDER | SBR C/D | GROUP | 30 | TPF, TPG 4AH | | | | |
| | P195/75R15 | MI | XA4 | SBR | A/S | 33 | TNC | 12.86 | 11.98 | 11.5 | 12.6 |
| | P205/75R15 | MI | XW4 SPECIAL ORDER | SBR C/D | GROUP | 30 | TPF, TPG 4AJ | | | | |
| | P215/75R15 | GY | WRANGLER | SBR | MMS | 30 | TMW | 12.11 | 11.33 | 11.6 | 12.8 |
| | P225/75R15 | GY | WRANGLER SPECIAL ORDER | SBR C/D | GROUP | 30 | TRN 4AK | | | | |
| | P215/75R15 | MI | XCAT | SBR | MMS | 30 | TMW | 11.91 | 11.12 | 12.1 | 13.4 |
| | P225/75R15 | MI | XCAT SPECIAL ORDER | SBR C/D | GROUP | 30 | TRN 4AL | | | | |
| 3500 | P195/75R15 | GY | INVICTA GL | SBR | A/S | 33 | TNC | 13.23 | 12.31 | 12.1 | 13.3 |
| | P205/75R15 | GY | INVICTA GL SPECIAL ORDER | SBR C/D | GROUP | 30 | TPF, TPG 4AH | | | | |
| | P195/75R15 | MI | XA4 | SBR | A/S | 33 | TNC | 13.23 | 12.33 | 11.5 | 12.7 |
| | P205/75R15 | MI | XW4 SPECIAL ORDER | SBR C/D | GROUP | 30 | TPF, TPG 4AJ | | | | |
| | P215/75R15 | GY | WRANGLER | SBR | MMS | 30 | TMW | 12.46 | 11.67 | 11.6 | 12.8 |
| | P225/75R15 | GY | WRANGLER SPECIAL ORDER | SBR C/D | GROUP | 30 | TRN 4AK | | | | |
| | P215/75R15 | MI | XCAT | SBR | MMS | 30 | TMW | 12.25 | 11.44 | 12.2 | 13.4 |
| | P225/75R15 | MI | XCAT SPECIAL ORDER | SBR C/D | GROUP | 30 | TRN 4AL | | | | |

1990 LDT COASTDOWN DATA

| MODEL | TEST WEIGHT CLASS | TIRE SIZE | MFR. | TIRE NAME | CONST | TYPE | PSI | SALES CODE | COASTDOWN TIME | | DPA SETTING | | |
|-----------------------------|-------------------|------------|------------|----------------------|----------------------|------|-----|-----------------|-----------------|-------|-------------|-------|------|
| | | | | | | | | | W/O AC | W/ AC | W/O AC | W/ AC | |
| XJT AUTO TR. 2.5L ENG | 3250 | P195/75R15 | GY | INVICTA GL | SBR | A/S | 33 | TNC | 13.22 | 12.28 | 11.5 | 12.6 | |
| | | P205/75R15 | GY | INVICTA GL | SBR | A/S | 30 | TPF, TPG 4AH | | | | | |
| | | P195/75R15 | MI | XA4 | SBR | A/S | 33 | TNC | 13.28 | 12.35 | 10.8 | 11.9 | |
| | | P205/75R15 | MI | XW4 SPECIAL ORDER | SBR | A/S | 30 | TPF, TPG 4AJ | | | | | |
| | | P215/75R15 | GY | WRANGLER | SBR | M/S | 30 | TMW | 12.64 | 11.79 | 10.8 | 11.9 | |
| | | P225/75R15 | GY | WRANGLER | SBR | M/S | 30 | TRN 4AK | | | | | |
| | 3375 | 3250 | P215/75R15 | MI | XCAT | SBR | M/S | 30 | TMW | 12.41 | 11.57 | 11.3 | 12.5 |
| | | | P225/75R15 | MI | XCAT | SBR | M/S | 30 | TRN 4AL | | | | |
| | | | P195/75R15 | GY | INVICTA GL | SBR | A/S | 33 | TNC | 13.61 | 12.64 | 11.5 | 12.7 |
| | | | P205/75R15 | GY | INVICTA GL | SBR | A/S | 30 | TPF, TPG 4AH | | | | |
| | | | P195/75R15 | MI | XA4 | SBR | A/S | 33 | TNC | 13.66 | 12.72 | 10.8 | 11.9 |
| | | | P205/75R15 | MI | XW4 SPECIAL ORDER | SBR | A/S | 30 | TPF, TPG 4AJ | | | | |
| 3250 | | 3250 | P215/75R15 | GY | WRANGLER | SBR | M/S | 30 | TMW | 13.00 | 12.13 | 10.8 | 11.9 |
| | | | P225/75R15 | GY | WRANGLER | SBR | M/S | 30 | TRN 4AK | | | | |
| | | | P215/75R15 | MI | XCAT | SBR | M/S | 30 | TMW | 12.75 | 11.90 | 11.4 | 12.5 |
| | | | P225/75R15 | MI | XCAT | SBR | M/S | 30 | TRN 4AL | | | | |
| | | | P195/75R15 | GY | INVICTA GL | SBR | A/S | 33 | TNC | 13.51 | 12.52 | 11.5 | 12.6 |
| | | | P205/75R15 | GY | INVICTA GL | SBR | A/S | 30 | TPF, TPG 4AH | | | | |
| XJT MAN TR. 2.5L ENG | 3250 | P195/75R15 | MI | XA4 | SBR | A/S | 33 | TNC | 13.57 | 12.60 | 10.8 | 11.9 | |
| | | P205/75R15 | MI | XW4 SPECIAL ORDER | SBR | A/S | 30 | TPF, TPG 4AJ | | | | | |
| | | P215/75R15 | GY | WRANGLER | SBR | M/S | 30 | TMW | 12.91 | 12.03 | 10.8 | 11.9 | |
| | | P225/75R15 | GY | WRANGLER | SBR | M/S | 30 | TRN 4AK | | | | | |
| | | P215/75R15 | MI | XCAT | SBR | M/S | 30 | TMW | 12.67 | 11.80 | 11.3 | 12.4 | |
| | | P225/75R15 | MI | XCAT | SBR | M/S | 30 | TRN 4AL | | | | | |

1990 LDT COASTDOWN DATA

E.O. No. A-17-113
 E.F. IAM150T5LADY

J

| MODEL | TEST WEIGHT CLASS | TIRE SIZE | MFR. | TIRE NAME | CONST | TYPE | PSI | SALES CODE | COASTDOWN TIME | | | DPA SETTING | | |
|-----------------|-------------------|---------------|------|---------------|-------|-------|-----|------------|----------------|-------|--------|-------------|-------|--------|
| | | | | | | | | | W/O AC | W/ AC | W/O AC | W/O AC | W/ AC | W/O AC |
| YJJ AUTO TR. | 3625 | P205/75R15 | GY | WRANGLER | SBR | M/S | 30 | TPL | 10.35 | 9.72 | 14.3 | 15.7 | | |
| | | • P215/75R15 | GY | WRANGLER | SBR | M/S | 30 | TMS, TMM | | | | | | |
| | | P225/75R15 | GY | SPECIAL ORDER | C/D | GROUP | 30 | TRN 4AJ | | | | | | |
| YJJ MAN TR. | 3250 | P215/75R15 | MI | XCAT | SBR | M/S | 30 | TMS, TMM | 10.40 | 9.76 | 14.5 | 15.9 | | |
| | | • P225/75R15 | MI | XCAT | SBR | M/S | 30 | TRN 4AJ | | | | | | |
| | | SPECIAL ORDER | C/D | GROUP | 30 | 4AJ | | | | | | | | |
| YJJ MAN TR. | 3625 | P205/75R15 | GY | WRANGLER | SBR | M/S | 30 | TPL | 9.01 | 9.01 | 14.7 | 16.1 | | |
| | | • P215/75R15 | GY | WRANGLER | SBR | M/S | 30 | TMS, TMM | | | | | | |
| | | P225/75R15 | GY | SPECIAL ORDER | C/D | GROUP | 30 | TRN 4AJ | | | | | | |
| YJJ MAN TR. | 3625 | P215/75R15 | MI | XCAT | SBR | M/S | 30 | TMS, TMM | 9.67 | 9.05 | 14.8 | 16.2 | | |
| | | • P225/75R15 | MI | XCAT | SBR | M/S | 30 | TRN 4AJ | | | | | | |
| | | SPECIAL ORDER | C/D | GROUP | 30 | 4AJ | | | | | | | | |
| YJJ MAN TR. | 3625 | P205/75R15 | GY | WRANGLER | SBR | M/S | 30 | TPL | 10.66 | 10.01 | 14.3 | 15.7 | | |
| | | • P215/75R15 | GY | WRANGLER | SBR | M/S | 30 | TMS, TMM | | | | | | |
| | | P225/75R15 | GY | SPECIAL ORDER | C/D | GROUP | 30 | TRN 4AJ | | | | | | |
| YJJ MAN TR. | 3625 | P215/75R15 | MI | XCAT | SBR | M/S | 30 | TMS, TMM | 10.73 | 10.05 | 14.5 | 15.9 | | |
| | | • P225/75R15 | MI | XCAT | SBR | M/S | 30 | TRN 4AJ | | | | | | |
| | | SPECIAL ORDER | C/D | GROUP | 30 | 4AJ | | | | | | | | |

• TMM SALES CODE ADDED (TMS-RBL, TMM-OWL SIDEWALLS) DEPT. 7860 / R. L. EIDE